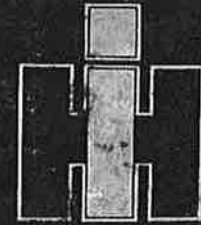
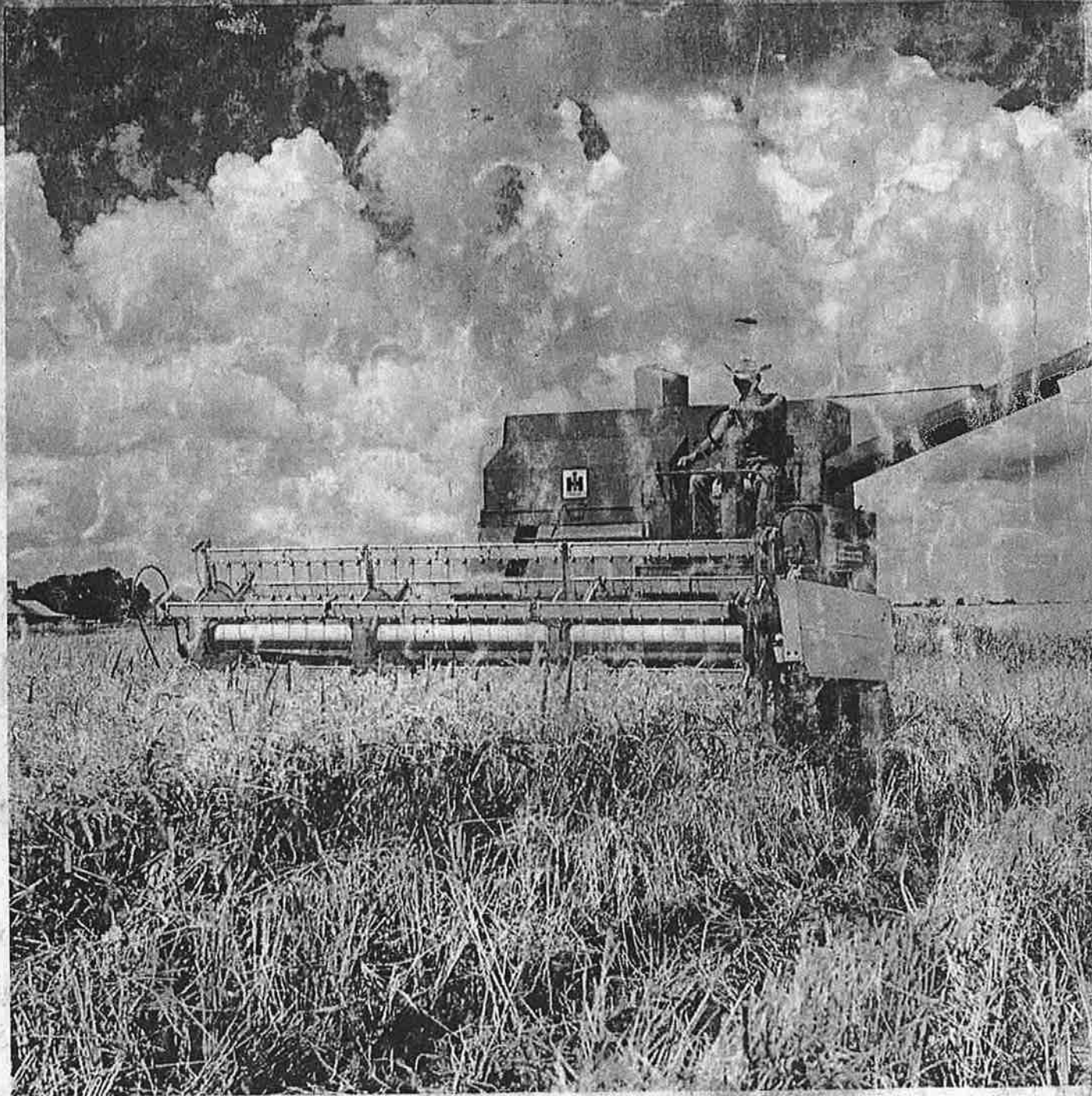



First to serve the farmer



INTERNATIONAL HARVESTER WORLD WIDE FARM EQUIPMENT BUYER'S GUIDE



Specifications subject to change without notice.

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 **INTERNATIONAL FARM EQUIPMENT**
INTERNATIONAL HARVESTER EXPORT COMPANY

CHICAGO, ILLINOIS U.S.A.

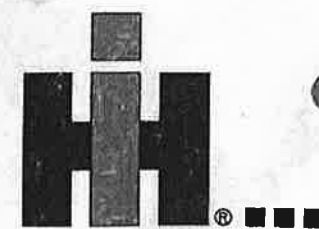


INTERNATIONAL HARVESTER ...
**New Machinery and Equipment for High Speed,
High Profit Farming**

In this buyer's guide you will find illustrated farm tractors and implements from the world's greatest line of agricultural equipment — manufactured by International Harvester around the world.

IH products are designed to meet the needs of agriculture in all areas of the globe and to respond to the demands created by new techniques, new crops, chemicals and fertilizers. In product development, IH leads the field with advanced concepts in farm machinery of all kinds, and new ways to produce more, faster, better and at lower cost.

This catalog cannot possibly display *all* of the latest IH ideas in power and performance. But it does show the most popular, in-demand, exportable farm machinery of each company represented. Specifications on equipment shown are brief; however, important features are high-lighted. For more complete and detailed information, contact your nearest IH source of supply. International Harvester does business in 144 countries, bringing to agriculture the advantages of modern farming methods, the best in machinery, new approaches to more profitable operation.



**world-wide source for the
best in farm equipment**

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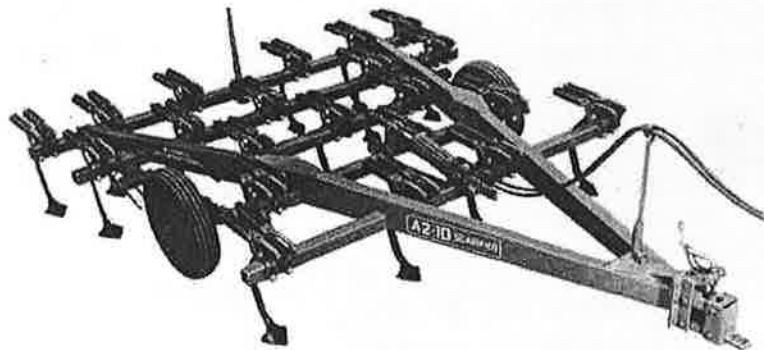
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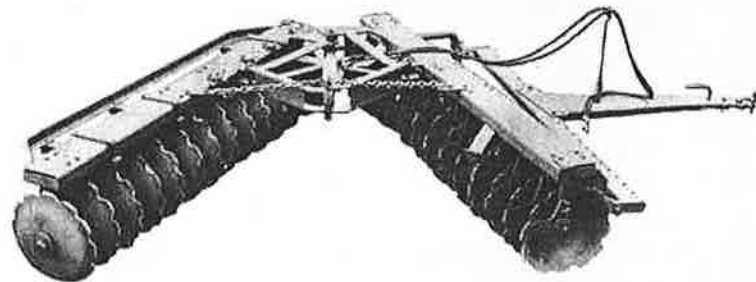
A2-10 SCARIFIER

Inboard mounted wheels mean scarifier tines accurately follow ground contours, reduce transport width . . . plus wheel marks on worked ground are eliminated. IH-spring releases tine design guarantees excellent penetration. Two basic frame sizes, 10 ft. 6 in. and 12 ft. 6 in., allow the build up of 17, 19, 21, 23 and 25-tine scarifiers. Cranked axles for raising or lowering unit are operated hydraulically or mechanically. Clean frame design with 19½ in. ground clearance assures effective trash clearance. Easy removal of tines if desired to reduce width for working heavy conditions. 7.50 x 16 6-ply wheels are standard for all scarifier sizes.

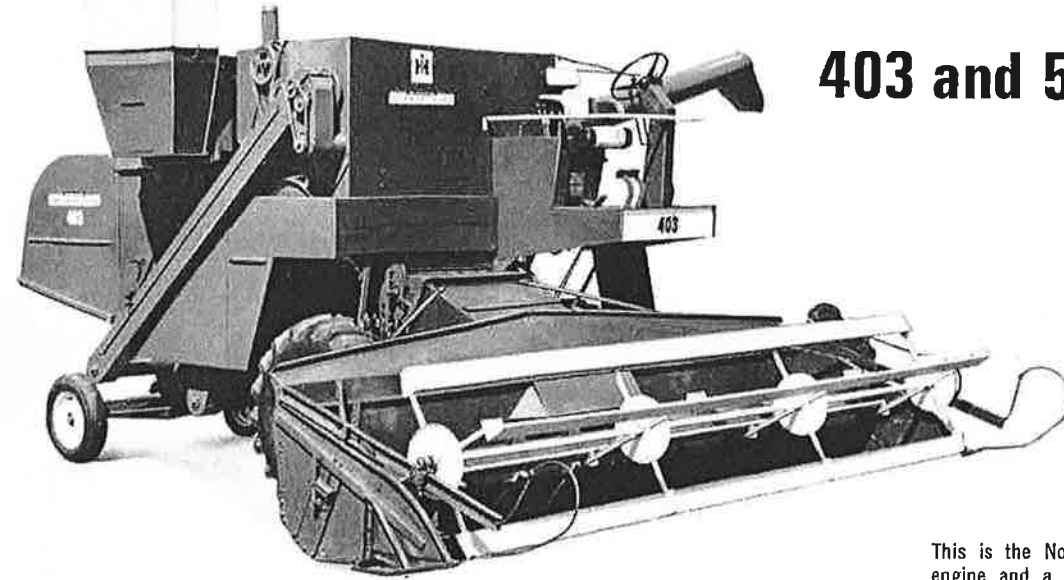


A3-1 UNABEAM DISC HARROW

The Unabeam is a rugged, deep-working disc harrow that's a match for your toughest discing jobs. With excellent penetration and trash clearance, the A3-1 is an effective unit for breaking up new country and working-in heavy cover, crops, and trash. The front gang turns the sod, the rear gang splits it, and the top soil is left on the surface. Choice of 9', 10½', or 13' operating widths in hydraulic or mechanical angling control, and 22 or 24 inch plain or cut-out discs. Austempered discs — the exclusive IH heat treatment — maintain long-life cutting edges. The A3-1 can be offset either to the left or right. Transport wheels are available.



Products of INTERNATIONAL HARVESTER COMPANY (U.S.A.)



403 and 503 COMBINES

- Grain-Saving Platform
- "Even Flow" Feeding
- On-the-Go Concave Adjustment
- Opposed-Action Cleaning
- Top-Driven Elevators
- Heavy-Duty Transmission
- Separator Shell Has Extra Beef
- Heavy, Rectangular Axle
- Top-Mounted Engine
- Big Grain Tanks

This is the No. 403 Combine with a 90-h.p. engine and a 65-bushel grain tank. No. 503 model has a 106 h.p. engine, up to 106 bu. grain tank with extension and additional cleaning and separating area.

The 403 and 503 Combines are built to the same grain-saving pattern . . . designed to harvest more acres each day . . . and to save more grain from each acre.

Grain-saving platforms feature a deep-set, 20-inch diameter auger with retracting fingers to get more grain, whether stands are tall and heavy, or short and light. Undershot feeders adjust automatically to the volume of grain handled.

Separators are almost identical except for width. Big-diameter cylinders, and exclusive full-width threshing, give them capacity to handle heaviest yields, fast. Famous International 3-point separation gets the last kernel from heaviest, toughest straw. Opposed-action cleaning puts more and cleaner grain in the tank.

Powerful IH six-cylinder engines meet toughest harvest conditions with power to spare. Smooth, quiet, and responsive, they keep the big cylinders spinning at steady speed, whether going is easy or tough.

Big, tough, and rugged IH combines are built for extra years of hard combining. Separator shell and axles have the extra bravn required for high speed harvesting in ridged or corrugated fields. Drives have extra strength to match the structural strength of these rugged combines.

Operator convenience is stressed in every detail. Platform gives operator plenty of "elbow room" whether sitting or standing. Operator sits up high out of the dust with a good view of his work. Comfortable padded seat with backrest.

Daily greasing takes only ten minutes. Liberal use of sealed bearings and grease reservoirs leaves just 12 fittings for daily greasing on the 403 and 503. Clean, uncluttered design makes servicing easy. Drives and adjustments are out in the open, easy to reach.

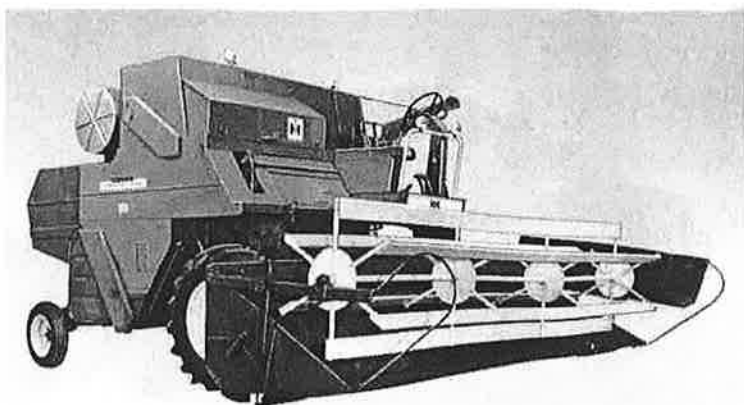
315 COMBINE

- Sleek modern styling
- Twin, side-mounted, 70-bushel capacity grain tanks
- IH 6-cylinder, 72 horsepower engine
- 10, 13, and 14-foot grain platforms, 2-row wide, and 3-row wide and narrow corn heads (3-row wide for 1968)
- 42-inch wide threshing, separating and cleaning
- Big 20-inch diameter cylinder
- Fin-and-wire-type rotary straw racks
- Big 6x8-inch clean grain elevator

Whether you're harvesting 150-bushel corn in Illinois, 100-bushel rice in the delta, heavy double-swath windrows in the Dakotas, or fragile edible beans in Idaho or Michigan, you'll find the 315 provides a "new-dimension" in capacity and efficiency. And you'll find this new dimension perfectly balanced throughout with power, stability, and operating ease unsurpassed in any medium-priced self-propelled.

When it comes to corn, you can't beat an IH 2-row wide, or 3-row wide or narrow corn head (3-row wide for 1968) that's field proven to be the most efficient in the business — or fin-and-wire rotary straw racks that are practically plug-free, even in wettest conditions — or the big 6x8-inch clean grain elevator that will never slow you down.

In rice you'll like the side-mounted twin tanks that ride low over the wheels for increased traction in soft sloppy footing... unmatched stability crossing steep slippery levees. And you'll swear that the big heavy 20-inch diameter cylinder was made to order for tough, heavy volumes of rice straw.



Sweeping across horizon-wide windrowed fields is a revelation with the 315. From the self-adjusting undershot feeder to opposed-action cleaning, every component is capacity-matched to thresh, separate, and clean every last kernel from heavy volumes of straw.

And never before has so much power and capacity been matched with the gentle handling needed for delicate, edible beans. You'll slow the big 20-inch diameter cylinder to a "walk" and still thresh clean and easy. You can forget cracking or scuffing with on-the-level grain pan conveying. And you'll take the big 6x8-inch grain elevator for granted as it moves heavy volumes along fast and gentle.

Soybeans, maize, safflower, alfalfa — you name it and we'll guarantee you a new experience — a "new-dimension" in efficient, big capacity threshing with a 315.

205 COMBINE

- Sleek modern styling
- Dual 60-bushel capacity, grain tanks
- IH 61 horsepower engine
- 10 and 13-foot grain platforms, 2-row wide and 3-row narrow corn heads
- 42-inch wide threshing, separating, and cleaning
- Fin-and-wire type rotary straw racks
- Opposed-action cleaning
- Big 5x8-inch top-driven elevators

Whether you're talking price, capacity or efficiency, the new 205 is one machine that really invites comparison.

When it comes to platforms, the 205 offers deep-ledge design that cuts cutterbar loss to the bone and eliminates the need for an expensive cutterbar extension for sorghums and soybeans.

Compare corn heads. The 205 offers both 2-row wide and 3-row narrow heads that are field-proven to be the most efficient in the business.

Take horsepower, and you have a big 61 horsepower 6 cylinder 221 cubic inch engine.

Match separators with the 205's wide 42-inch threshing, separating, and cleaning.

Compare straw-racks with IH fin-and-wire rotary design that avoids plugging in even the wettest corn... that in all crops



and conditions permits faster ground speeds without losing the crop.

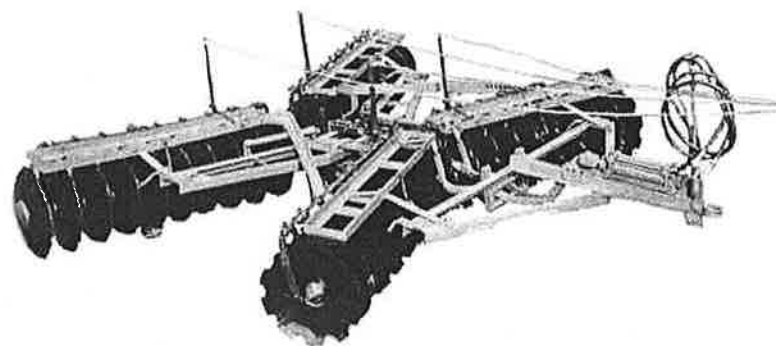
Compare the total separating area of 4441.5 square inches, and cleaning area of 3411 square inches.

Check the 205's big 60-bushel grain tank capacity... and the dual tanks that provide increased traction in soft going — unmatched stability on slopes. Yes, there's a lot to talk about in the new 205. And there's the kind of power, capacity, and efficiency that any farmer has a right to expect in a moderately-priced family-sized machine.

The new 205 was designed to outrank all other machines in its price range. The specifications say so — performance in the field will prove that specifications don't lie.

GL A9 TANDEM DISC HARROW

The crossed-draft connections of the front and rear gangs are unique. The inner ends of rear gangs are cross-connected to the outer ends of the front gangs, and the outer ends of the rear gangs are connected to the inner ends of the front gang. The rear gangs are forced to follow the front gangs accurately at all times and to split the ridges left by the front discs. Rear gangs will not skid when turning or when encountering hard spots in the field. Ruggedly constructed, each gang of the GL-9A has a truss-type angle-steel welded frame, rigidly braced to withstand the stress and strain of working at fast speeds in rough country. The GL-9A penetrates quickly and does an excellent job of discing in hard, dry ground — in fields containing heavy stalks and shot systems, and in ground that is ridged and uneven. Rear gangs can be set to three different angle positions. Each rear gang can be moved independently to the left or right to split the ridges between the front discs and ensure an even bottom.

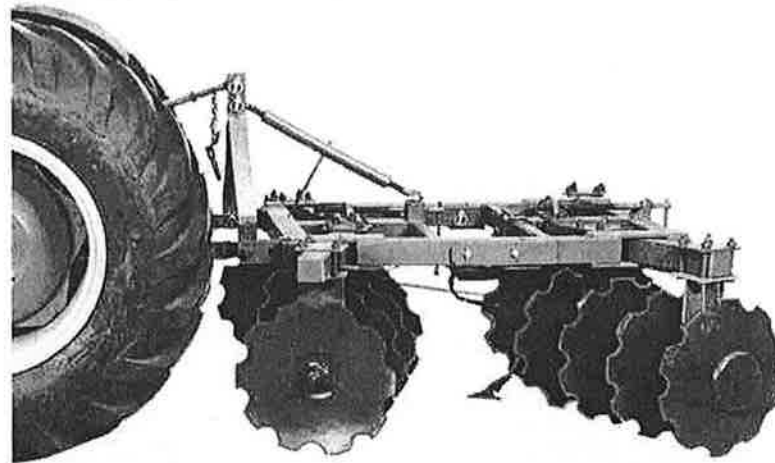


3-2 BUSH AND BOG HARROW

The 3-2 is a three-point linkage Bush and Bog harrow designed for heavy plowing and discing in virgin ground or old pasture. The machine features two gangs hinged together for four-way application:

- (1) Heavy rigid tandem harrow with the frame fixed.
- (2) Light-duty Bush and Bog harrow using the front frame only.
- (3) Heavy-duty Bush and Bog harrow with weight of the rear gang thrown on front one.
- (4) Flexible tandem harrow allowing the rear gang to pivot and float.

Individual screw adjustments for controlling angle of cut on front and rear gangs; fully sealed, rubber-mounted disc bearings. Available with a 6' 8" or an 8' cut.



GL-14 OFFSET DISC HARROW

Designed for efficient cultivation in orchards, vineyards, citrus groves and open fields. The GL-14 offsets to right or left by shifting the drawbar. It has an adjustable cross-level for working on slopes and for protecting feeder roots when working close to vines or trees. The right wheel can be adjusted higher or lower than the left wheel for discing deeper on one side than the other.

New friction-free, sealed ball bearings are pre-lubricated, require no greasing. Two pneumatic wheels offer adequate transport clearance on headlands or roads. A lock pin prevents gangs from rocking during transport. The hitch clevis lock pin has two positions.

Regular equipment: 5 1/4-ft. size (14 discs) or 6-ft. (16-disc) harrows with mechanical or hydraulic power lift. Choice of 2 in. or 22 in. plain or notched discs. Two 6.00 x 9, 4-ply pneumatic tires and wheels.

Special Equipment: Full blade scrapers for both 5 1/4-foot and 6-ft. machines.

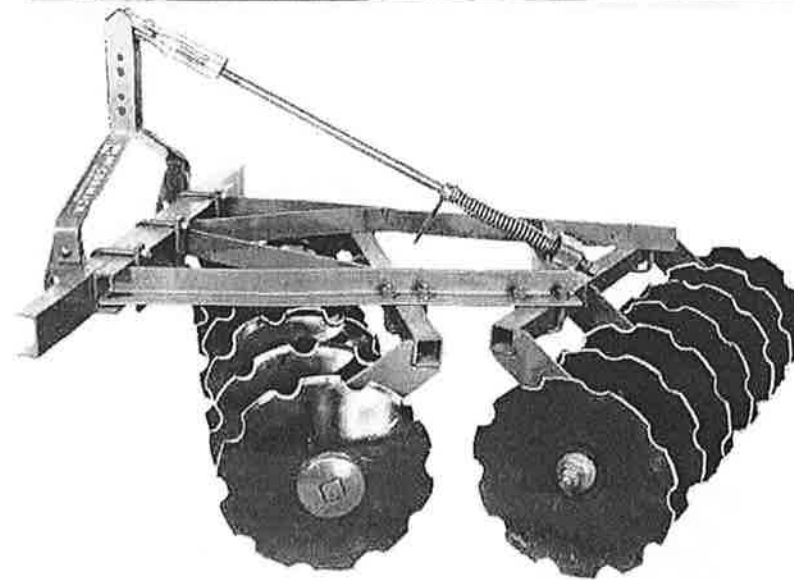


GL-325 3-POINT LINKAGE OFFSET DISC HARROW

Adaptable for open field cultivation as well as orchard and vineyard work. In offset position, the GL-325 works close to the tree trunk while tractor operates out in the open where it will not interfere with fruit or branches. Offset is limited by the capacity of the tractor to control side draft. The GL-325 is designed for all No. 1 and No. 2 category three-point hitches. The GL-325 disc harrow is sturdily constructed, with an exceptionally strong frame of welded angle steel. Excellent penetration is assured by the combination of weight and design. The hard, heat-treated steel discs resist wear, maintain cutting edges. The 9" disc spacing enables a positive penetration but is close enough to ensure a finely filled seed bed result. Disc arbor bolts are carried on sealed ball bearings, rubber mounted. No maintenance is required.

Regular Equipment: The GL-325, in 5 1/4, 6 or 6 3/4 ft. size is equipped with solid or cut-out 20" or 22" discs as ordered. 24" discs available for 5 1/4 ft. and 6 ft. machines.

Optional Equipment: Scraper units for all sizes.



PASTURE HARROWS MA3-1, 2, 3, 4

MA3-1 harrow is designed for pasture renovation and pre-spring pasture preparation. The MA3-1 has 2 rows of reversible tripods and 8 rows of chain with spreader bar and drag weights and can be attached with either a wooden or steel drawbar. The tripods break up manure and cut the pasture. The chains act as a smudger, pulverizing the manure and ruffling the pasture. Available in 5, 8, 10, 12 and 15 ft. sizes.

MA3-2 is similar to the MA3-1 excepting that it is supplied with a linkage hoist to suit category 1 and 2 hitches. Available in 8, 10, 12 and 15 ft. sizes. Fitted with a steel linkage drawbar and lifting chains for transport.

MA3-3 is identical to the MA3-1 but has 16 rows of chain instead of 8 and gives deeper penetration to tripods and finer pulverizing. Available in 8, 10, 12 and 15 ft. sizes. Wooden or steel drawbar.

MA3-4 is the same as the MA3-3 but has category 1 and 2 linkage hoist, steel linkage drawbar and lifting chains. Available in 8, 10, 12 and 15 ft. sizes.

DIAMOND HARROWS MA3-5, 6

Channel and flat section frame, with bolt-in type 5/8-in. square section tines having 6 1/2-in. underframe clearance. Tines cut every 2 in. Weight per section is 60 lb. MA3-5 trailing harrows do a most efficient smoothing job after cultivation. Available with optional steel or wooden drawbars, with or without wheels. 2, 3, 4, 5, 6, 8 and 10 sections covering up to 33 ft. 4 in. of ground.

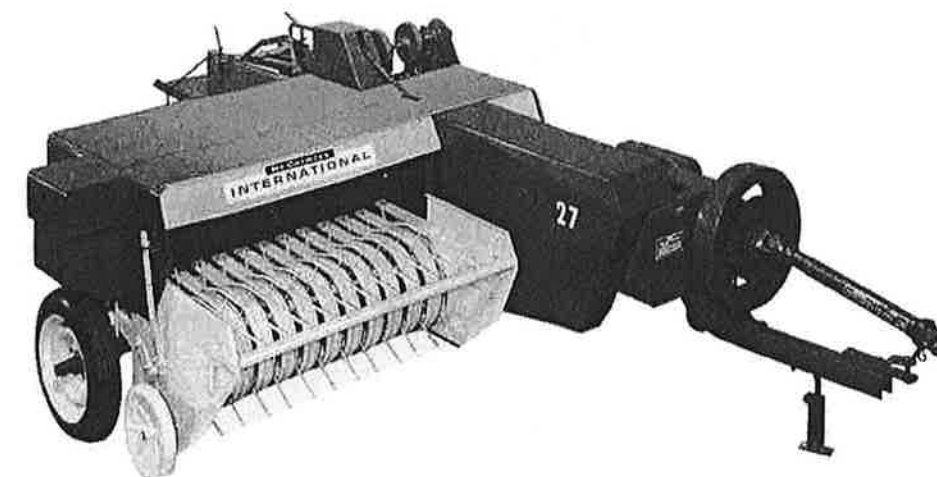
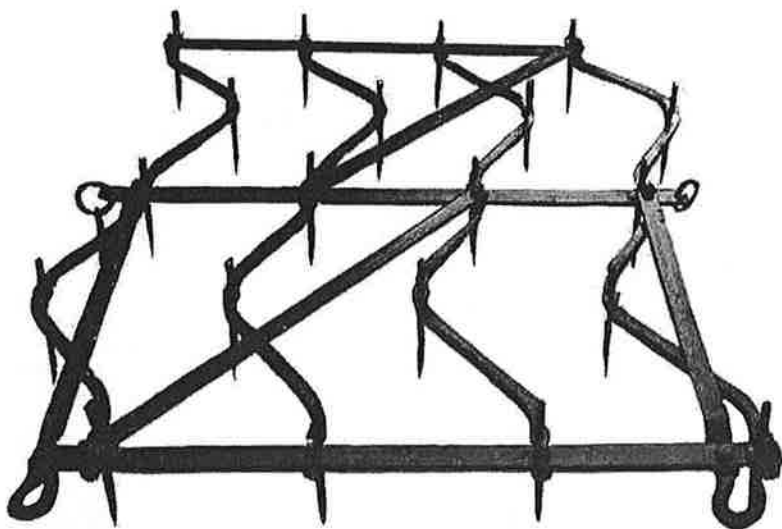
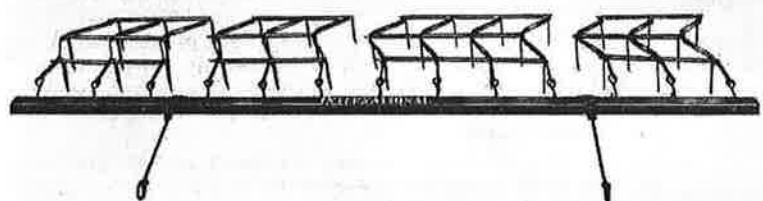
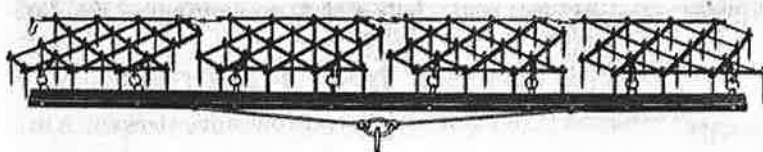
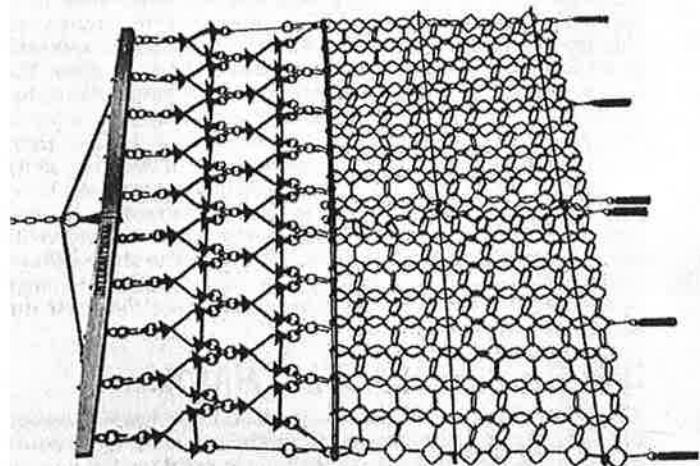
MA3-6 has category 1 and 2 linkage hoist, steel drawbar and lifting bar. Available in 3 sections — 15 ft. cut, or 4 sections — 13 ft. 4 in. cut.

MA3-13 LEVELING HARROW

Designed for use behind cultivator drills while sowing or cultivating. Points are drawn and made of heat-treated spring steel for durability. Tines are spaced to allow free flow of trash.

MA3-9, 10, 11, 12 DRIVEN TINE HARROWS

Excellent cutting, trash clearance and penetration characteristics. MA3-9 and MA3-11 (up to 33 ft. 4 in. in width) are trailed units. MA3-10 (up to 13 ft. 4 in.) and MA3-12 (up to 15 ft. in width) are three-point linkage mounted.

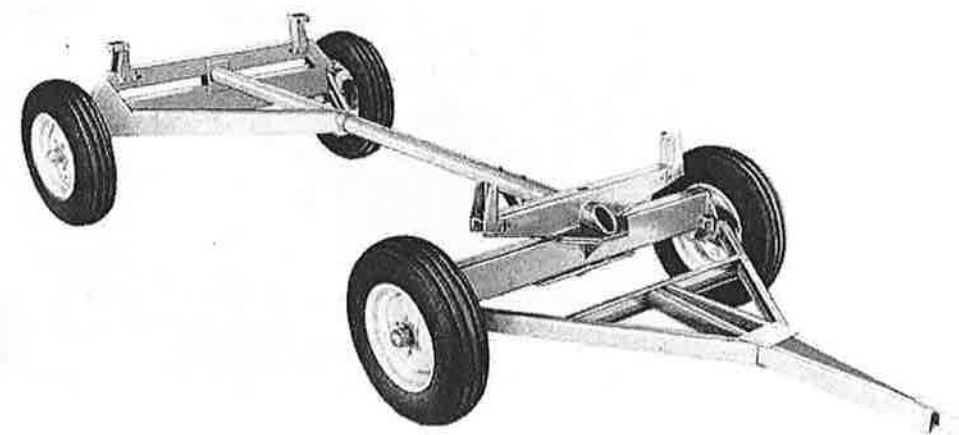


27 BALER

- Up to 14-ton capacity with quality to match
- Heavy-duty pickup with slip clutch
- Shuttle-Glide packer tines provide a smooth, positive feed
- Same rugged power train used in larger 17-ton capacity IH balers
- Same 3-phase knotters with chrome-plated tying parts used in larger IH balers

The No. 27 Baler is economically priced — with outstanding production capacity, up to 14 tons per hour, and with quality to match. Has the same power train used in the larger 17-ton capacity IH balers, with 4800 inch-pounds of torque. Has 3-phase knotters with chrome-plated tying parts; is equipped to give years of top-notch trouble-free performance, far beyond what might normally be expected from a low-cost baler. Has close-

spaced pick-up teeth, 12 to bar. The No. 27 introduces the new Shuttle-Guide feed for moving hay in a smooth, positive flow to the bale chamber. Other innovations include a positive lock on the knotter shaft to help prevent needle drift into the bale chamber. Also features a single heat-treated leaf spring that assures dense uniform bale weight in all conditions.



No. 141 TRAILER

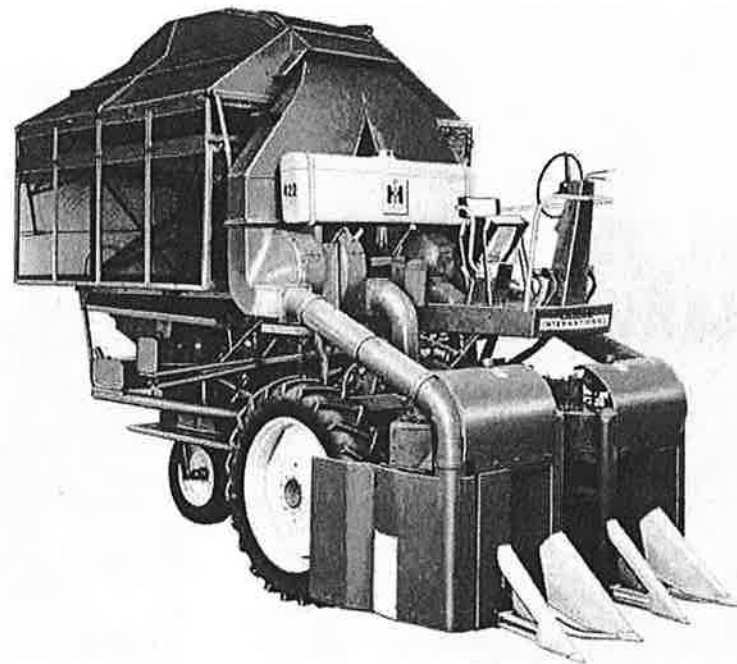
- Capacity — Normal Use — 17,000 lb.; Severe Use — 14,000 lb.
- Fifth-Wheel Steering
- Wheel Bearings, Tapered-Roller Type
- Extra-Heavy Construction
- Heavy-Duty A-Frame Hitch
- Wide Choice of Wheelbase Settings

No. 141 Trailer, with 5th wheel steering, is designed for easy handling in field and farmyard. Tapered roller bearings in each wheel hub lighten draft, increase hauling capacity. Fifth wheel steering gives a short turning radius. The front axle turns 71 degrees from center-line of trailer. Steering gear and kingpin are equipped with pressure lubrication fittings. Extra-heavy construction, reinforced throughout, with brawny, alloy-steel box

section front axle and a welded, bridge-type rear axle. Heavy-duty A-frame hitch designed for short turns under capacity loads. Center-reach adjustments permit wide variety of wheelbase settings — from 78 to 120 inches and up to 168 inches with the reach extension attachment. Regular equipment includes fifth-wheel steering, bolster bridge-type axles, standard hitch pole, 6-bolt wheels for 16-inch tires (w/o tires).

No. 422 TWO-ROW SELF-PROPELLED COTTON PICKER

The new 422 Pickers have all of the excellent features of the previous 414 and 420 models — plus many improvements to increase picking efficiency and reduce maintenance costs. Features include 80 h.p. engine, 4-speed synchromesh transmission. Closer drum tolerances allow drums to operate more efficiently, with less wear, and less maintenance. Double-reinforced drum framework. Higher speed cams and sprockets to increase the number of spindles in the picking zone. Stronger and stiffer plant compressor sheet springs. Doffer adjustment is now more accurate and easier to make. Fan-drive limiting clutch protects transmission and fan-drive pto from damage due to overload. Limiting clutch plates are made of weather and wear-resistant sintered metal. Transmission cases for pto and fan drive made of a higher grade of iron. Fan-drive idler gear has been widened by 50 per cent to increase its life.



- New low-profile high-stability design
- New all-welded drums
- New 15-13 bar drums
- New moistening system
- New spring-loaded compressor sheets
- New "dip-back" slat bars

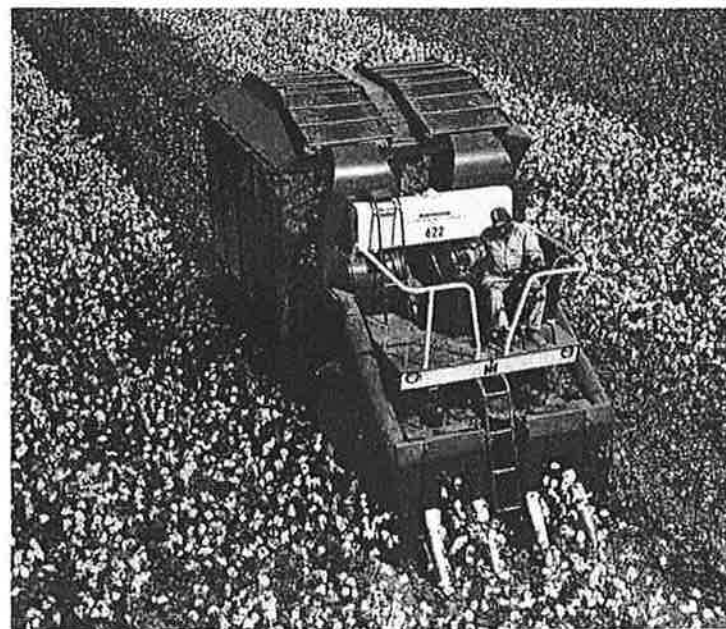
No. 622 TWO-ROW, HIGH-DRUM SELF-PROPELLED COTTON PICKER

For more than a quarter of a century since International Harvester's introduction of the first mechanical cotton picker, IH has been first in meeting the demands of growers for more capacity per man hour, greater dependability, increased picking efficiency. IH firsts, such as offset-fan design, precision-broached spindles, oil-flush lubrication, Protec-O-Matic, Dof-Flex doffers, and other advancements, have contributed to IH leadership in the field.

Today there's a new standard — the new 622 Picker with differences you can see, count, feel, and measure. These differences keep the 622 moving faster . . . save an average of ten minutes every hour.

In these increasingly competitive times, cotton growers need the extra performance that is theirs with a 622 — the picker that delivers at least 15 per cent more productivity — and cleaner, higher-quality cotton to boot. Features include:

- New dual tunnels in basket cover
- New full-width operator deck
- New 93 h.p. engines
- New hydrostatic power steering
- New variable speed propulsion drive
- New independent shifting of drums and fans on the go



A1-35 REVERSIBLE DISC PLOW

Save time in measuring out lands in the field by reversing the machine at row ends. Subsequent operations can be started over the work already plowed without having to plow out the complete "land."

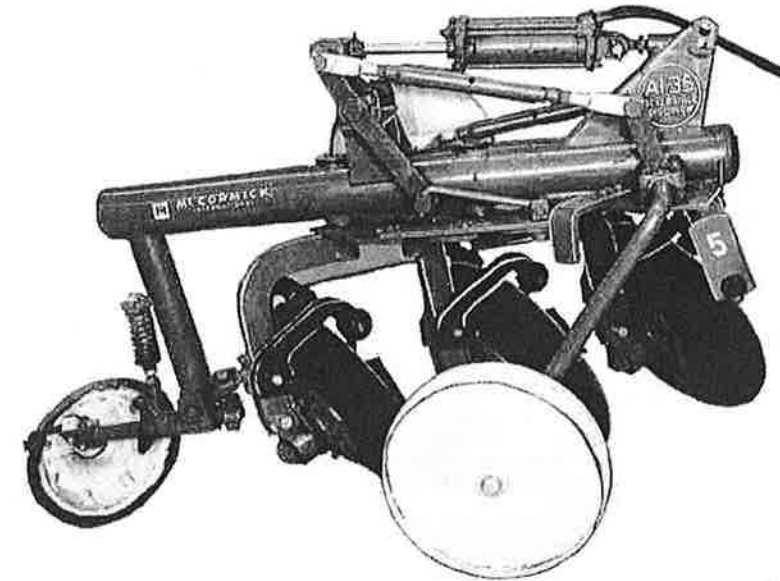
The basic unit is a three-furrow reversible plow with Category 1 or 2 mounting for use on tractors with a maximum 40 b.h.p. A ratchet mechanical changeover lever, operated from the tractor seat, or attachments for fitting a double-acting, remote control, hydraulic cylinder are optional.

Features: Hydraulic or mechanical change-over; Category 1 or 2 mounting pins; 26 or 28 in. discs; 48° breast cut cut reversible for right or left hand cut; full range of undercut adjustments.

Gauge wheels are optional for tractors not equipped with hydraulic draft control.

A support stand is available where gauge wheels are not required.

When the discs are set to the right, the gauge wheel descends on the left and the rear furrow wheel rolls over to assume correct position. As the discs are swiveled to the left the other gauge wheel descends on the right and again the furrow wheel rolls over to assume correct position.

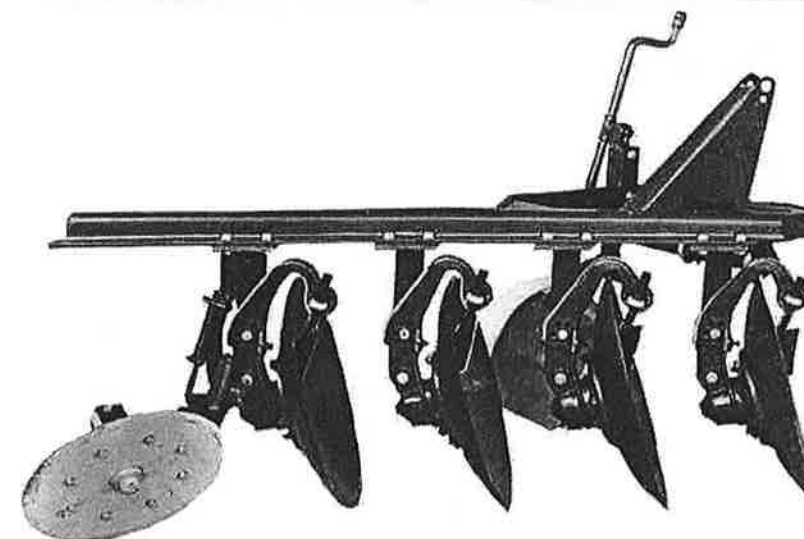


A1-35

A1-41 DISC AND MOLDBOARD PLOW

McCormick International A1-41 plows two, three or four furrows. For special application, a single-furrow moldboard version with 14 in. bottom is available. McCormick International A1-41 disc and moldboard plows are built around a strong frame, comprising a "hat section" main beam, rockshaft clamp and headstock. This means the farmer who requires both disc and moldboard plows can obtain the A1-41 main frame and disc or moldboard units as required. This feature has been patented by International Harvester.

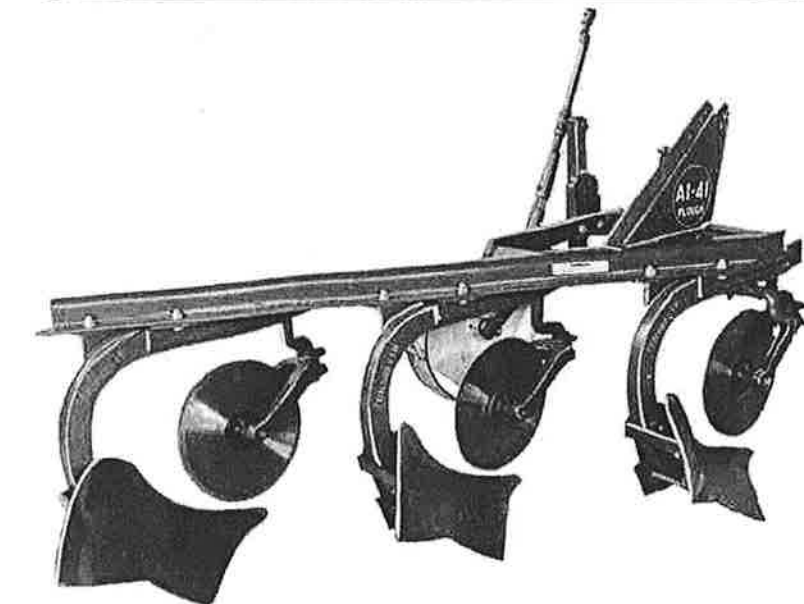
Category 1 and 2 rockshafts are available to allow these plows to be fitted to any tractor in the 25-45 h.p. class for which they are ideally suited.



A1-41

A1-41 DISC PLOW

Suitable for both 1 and 2 category 3-point linkages, the A1-41 is available as a 2, 3, or 4-furrow plow with ample breastcut and undercut adjustments. The disc stub beams can be set in 2-inch increments along the "hat section" main beam giving varying furrow widths. It is built around a strong frame, "hat section" main beam, rockshaft clamps and headstock. Can be fitted to any tractor in the 25 to 45 h.p. class.

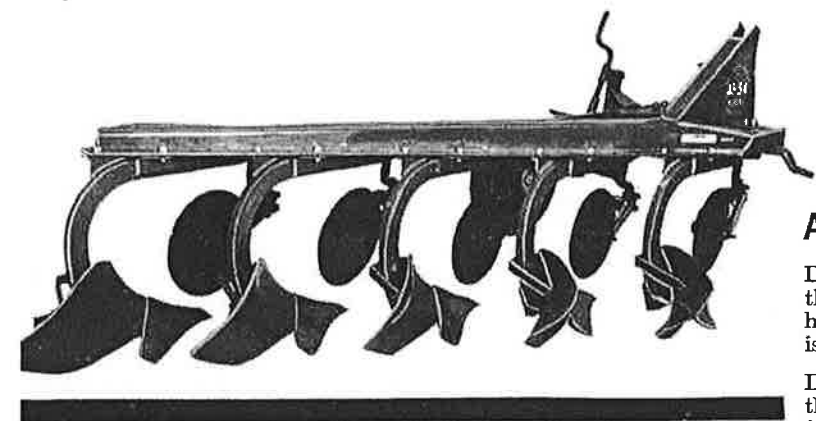


A1-41

A1-41 MOLDBOARD PLOW

The main frame is similar to that of the A1-41 disc plow with the moldboard units on beams attached to the main frame. For special application, a single-furrow moldboard version with 14-inch bottom is available.

The farmer who requires both disc and moldboard plows can obtain the A1-41 main frame and disc or moldboard units as required. (Feature patented by International Harvester.)



A1-54 MOLDBOARD AND DISC PLOW

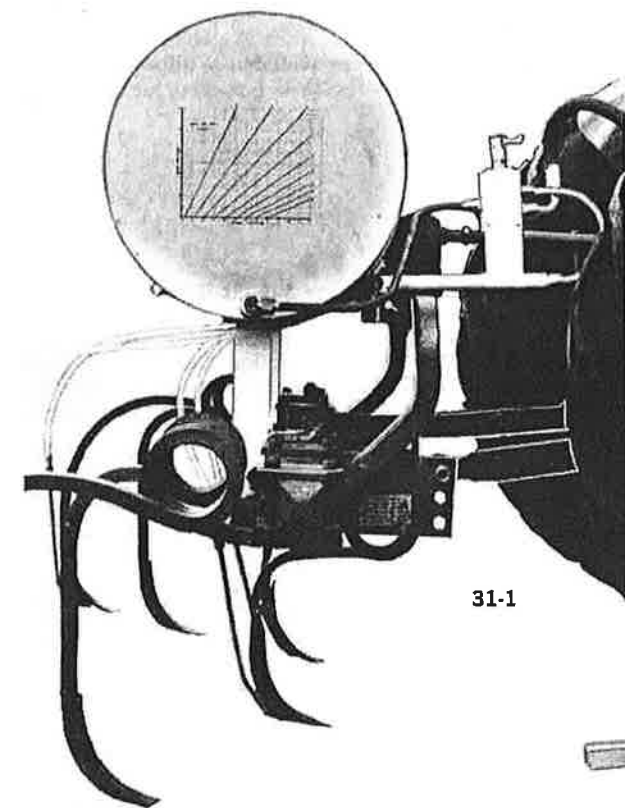
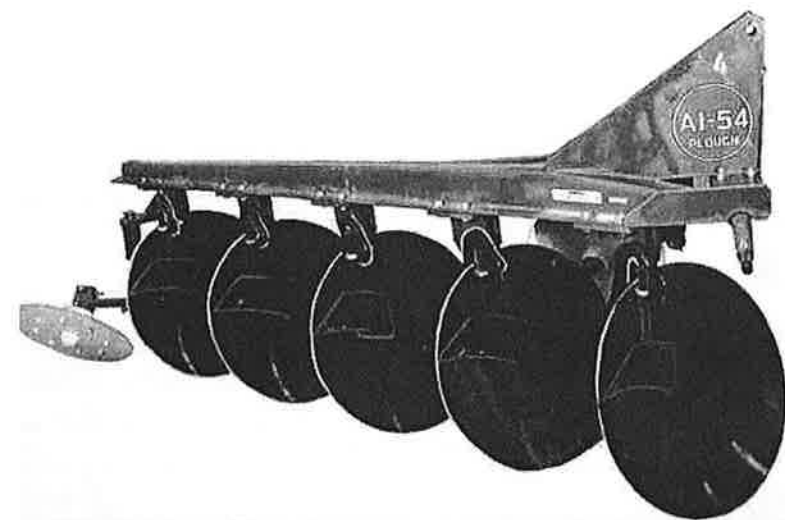
Developed for use with the larger 3-point linkage tractor, the A1-54 will work more acres per hour and will plow hard, rugged ground where a heavier plow than the A1-41 is necessary.

Disc units are interchangeable with moldboards and holes in the main beam are spaced at 2" intervals to allow variation in furrow widths from 8" to 12". Provision is made for up to five moldboard units at 10" cut, or six discs at 8" cut.

The frame is of heavy welded construction, the main beam having a 1/2 in. base plate with a "hat section" reinforcement. The 2-in. diameter, heat-treated rockshaft is of maximum strength for use in hard ground.

Exclusive Austempering process results in extra hard discs and a prolonged cutting edge life. Discs are also mounted on heavy duty tapered roller bearings, which require only once-a-season lubrication and are fully adjustable for wear.

Moldboard units incorporate a new design of two-piece construction with a replaceable drop-forged tip. This tip is heat-treated and has excellent wearing properties, but is nevertheless available at low cost to save you expensive share replacement.



31-1

31-1 LIQUID FERTILIZER DISTRIBUTOR

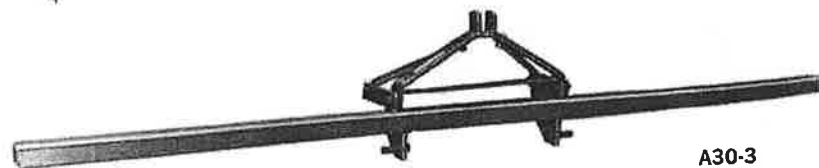
The 31-1 aqua-ammonia distributor is made for attachment to the International GL230 toolbar and also fits other types. Its initial low cost, and the large saving experienced when using low-cost aqua-ammonia fertilizers, makes this distributor popular with any farmer engaged in row crop work.

While it is particularly suited for use in corn, cotton, peanut and sugar cane, the 31-1 can be simply modified for application in cereal crops such as rice.

A30-3 PLANTER TOOLBAR

Completed with up to 4 McCormick International No. 184 planters, the A30-3 is a rigid close-coupled unit, ideal for short headland turns. Load on the tractor's category 2 linkage is reduced because the A30-3 is 11 inches closer to the tractor than usual. Steel or pneumatic gauge wheels ensure an even planting depth.

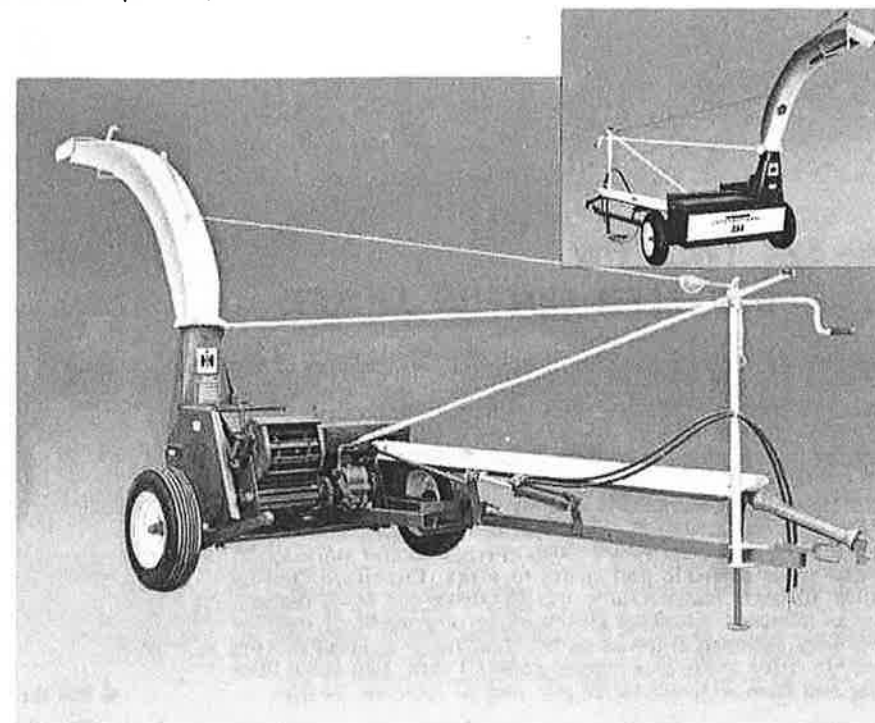
The front toolbar is 12 ft. long. A 10-ft. rear bar may be attached when a spreader is fitted, the planter units being removed and tines fitted for regular field work.



A30-3

No. 350 FORAGE HARVESTER

Has the added huskiness it takes to make it the most dependable forage harvester in its class. Main frame and tongue are welded double box channel and angle steel. Oil-bath case encloses gears; major bearings are regreasable. Newly designed cutter head has 3 pairs of 3/16-inch steel rotor blades. Will chop up to 40 tons of corn an hour . . . do it acre after acre in toughest going. Plenty of design convenience, too. Exclusive dial hitch shifts chopper from transporting to working position from the tractor seat. Controls are within easy reach of the operator. Harvesting units raise up to 25 inches for extra clearance over trash or ridges.



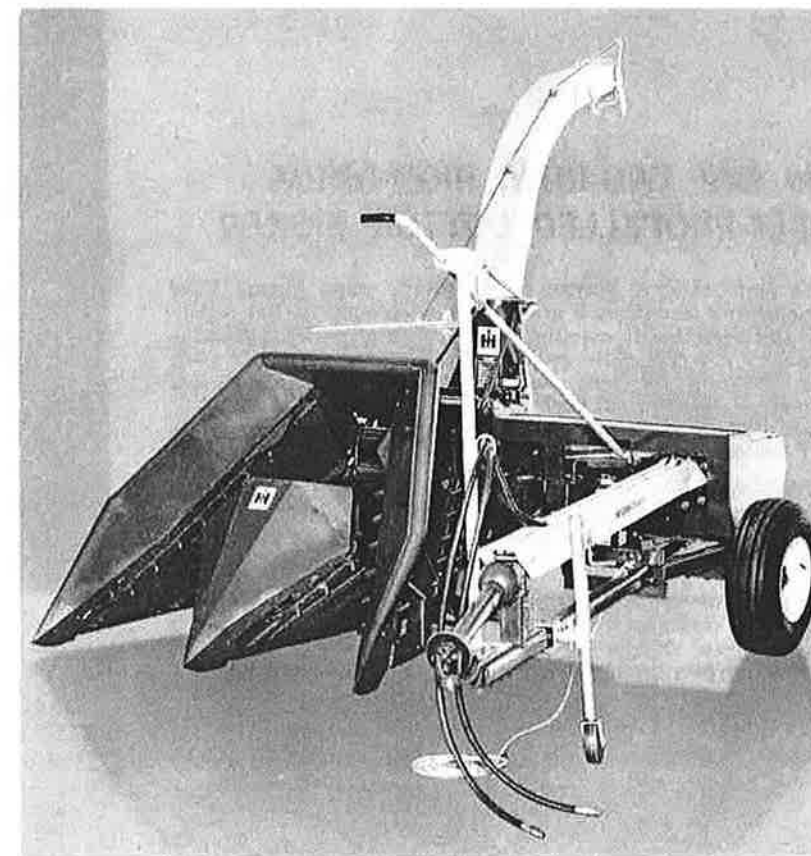
- New cutter head with 9 tungsten carbide faced knives
- Positive power knife sharpener
- Easy maneuverability
- Excellent flotation

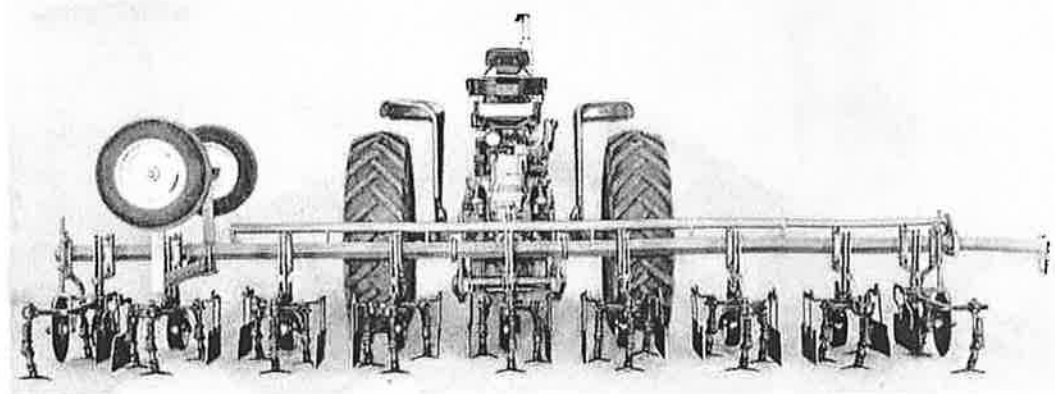
No. 550 FORAGE HARVESTER

- New drum-type feed rolls
- Husky cutter head with nine tungsten carbide faced knives
- Positive power knife sharpener
- Heavy-duty main frame, spindles and hubs
- Full line of easily attached harvesting units
- Unmatched maneuverability and flotation

Now features drum-type feed rolls and an improved feed roll drive. Offers increased ground speed and chopping capacity, more efficient utilization of big tractor pto power.

This increase in capacity is readily handled by its husky, dependable design characteristics. Main frame and tongue are welded double box channel and angle steel. Oil-bath case encloses gears, and major bearings are regreasable for longer life. Hinged cutter head cover makes it easy to get at cutter head. Also, a smooth-working dial hitch allows the 550 to swing quickly from transport to working position. Six working positions to accommodate a variety of row spacings.





63 SERIES 8-ROW CULTIVATOR

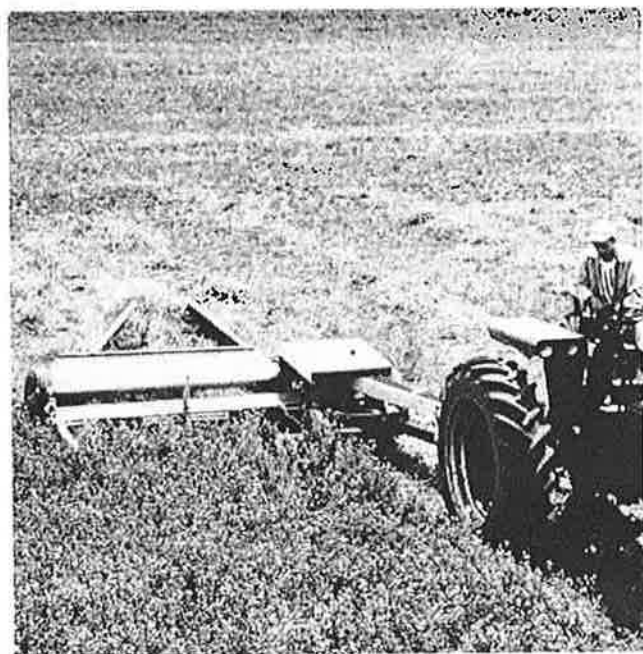
This rear-mounted cultivator plants in 36, 38, or 40-inch rows — covers ground in a hurry. Gives you such plus features as fast mounting, quick-change from field to transport, parallel linkage, and threaded gang adjustment. For use with Farmall 756, 856 and 1256 Tractors and other tractors of comparable size and horsepower. Threaded adjustment on upper parallel link makes it easy to adjust gangs. Side-to-side rigidity keeps gangs in perfect alignment . . . lets you work "hoe close" to crops for cleaner work. Parallel linkage with individual gang wheels lets each gang follow the contour of the ground independently of other gangs, permits even penetration over the entire width of the cultivator.

No. 711 ROTARY CUTTER

Has two rotors, 147-inch cutting width and 14-inch housing height. Makes short work of thorough cutting and shredding in big acreage stalk fields. Is also capable of grass cutting, pasture clipping, and destruction of small to medium brush. Cutting height adjustable from 3 to 17 inches. Variety of attachments available. Twin rotors are equipped with the new longer knives and short rotor bars, reinforced to prevent deflection under impact. Each spindle protected from bending. Rotor direction can be reversed to exhaust cut material toward the outside (outboard) edges of the machine or to exhaust at the center (inboard). Features extra-heavy construction throughout for extra-long life. Welded side sheets are 3/16-inch steel. Rugged, adjustable clevis hitch handles the cutter's 2,200 pounds of weight. Dual-position axle (side or rear) is adjustable for tread width.

No. 816 MOWER-CONDITIONER

Mows, conditions, windrows in one speedy, cost-cutting trip — to give better hay at lower cost. Construction is simple. Rugged, but light in weight, to negotiate wet fields that stop other haymaking combinations. Saves fuel money because it cuts the number of trips across the field. *Improved hay quality* results from the super-quick conditioning the new No. 816 gives forage crops. *Field speed is high . . . a big help* when it comes to getting top quality forage baled and under cover. *Handles toughest crops*, including tough pangola and bermuda grasses, alfalfa and other legumes. Features include: Exclusive flick-bar feeding system — Balanced-Head mowing action — Efficient rubber-steel conditioning rolls — Lays down swath or windrow — Adjustable wheel for row crops. Available in 7- or 9-foot models.



A30-1 TOOLBAR

A30-1 is a 3/4-inch square toolbar specifically designed for operation with the A68D-4 combination carrier. With front bars up to 16 ft. in length and rear bars up to 14 ft., the A30-1 works well on general purpose, open field work. Short toolbars can be used for row-crop and canefield work. Up to three sub-soilers may be mounted on special 7 1/2 x 4 1/2 inch heavy-duty bar.

GL-230 SINGLE ROW CROP BAR

A single row crop toolbar adaptable to normal open field work the GL-230 is equipped with two short bars, one on each side of the headstock.

For cultivating cane and other tall-growing crops, 25-in. out side bars are used. For greater trash clearance, a rear high arched double bar attachment is available.

A 38-in. clearance under the headstock makes the GL-230 ideal for tall crop cultivation. Single adjustments alter the toolbar to suit crop growth. For open field work, bars up to 14-ft. long can be fitted with either steel or pneumatic gauge wheels, to give accurate depth control.

A30-4 OPEN FIELD TOOLBAR

For seed bed preparation, sub-surface cultivation, hardpan breaking, chisel ploughing, ripping or weed control.

Mounts on Cat. 1 or 2 three-point linkage.

Hydraulic depth control or steel or pneumatic gauge wheel on the toolbar.

The A30-4 takes front and rear bars up to 14 ft. long.

GL224 RIPPER

These rippers will effectively break up hard pan to allow air circulation and water absorption.

Heavy-duty construction of the headstock gives them the built in strength to withstand the stresses and strains associated with deep ripping. Can be used with category 1 or 2 three point linkage.

Top-link adjustment gives the optimum angle of penetration combined with three hole positions for top link attachment. The 4 x 1 in. tine may be operated to a maximum depth of 16 inches.

Low cost replacement of wearing parts returns these ripper to peak performance.

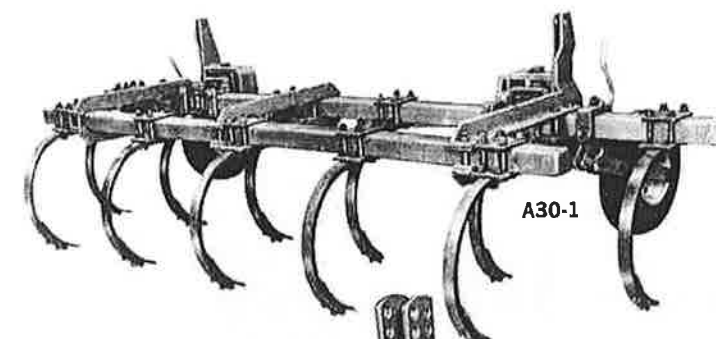
GA25-1 RIPPER

May be fitted to either category one or two three-point linkage. Two holes are provided on the top link attachment point to increase or decrease penetration. A series of holes on all the tines allows variation of the length of tine below the frame.

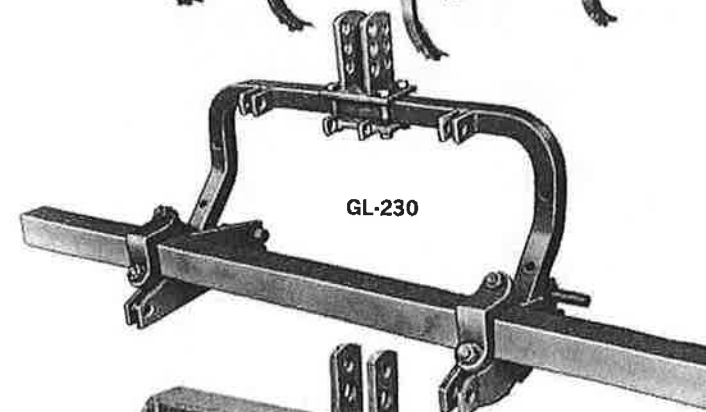
For normal work, there are two tine sizes: medium-duty 4 x in. The third type is a mole drainer tine and mole for ground drainage.

A30-2 TWO ROW TOOLBAR

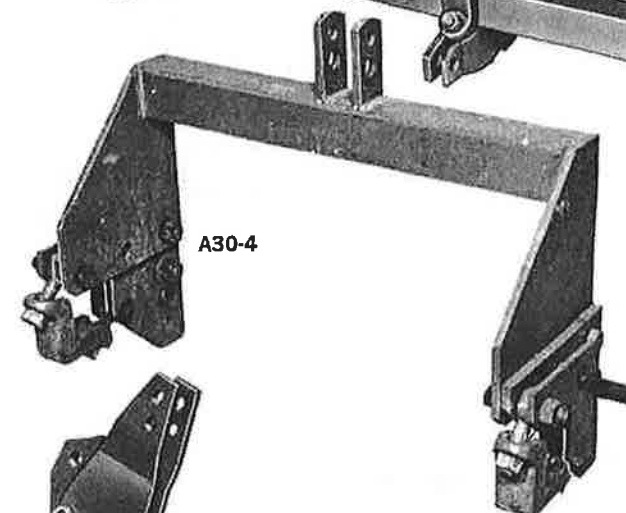
Can be used either as a two-row canefield toolbar, or for heavy duty, open field work. Ample strength, rigidity and ground clearance are features of the A30-2. To the basic unit you can fit: 25" outside bars with optional 39 or 48-inch inner bars for two-row canefield or row-crop cultivation; front and rear toolbars up to 16 ft. long with spreader package for heavy-duty open field work; five McCormick International No. 34B Middle busters for preparing cotton beds.



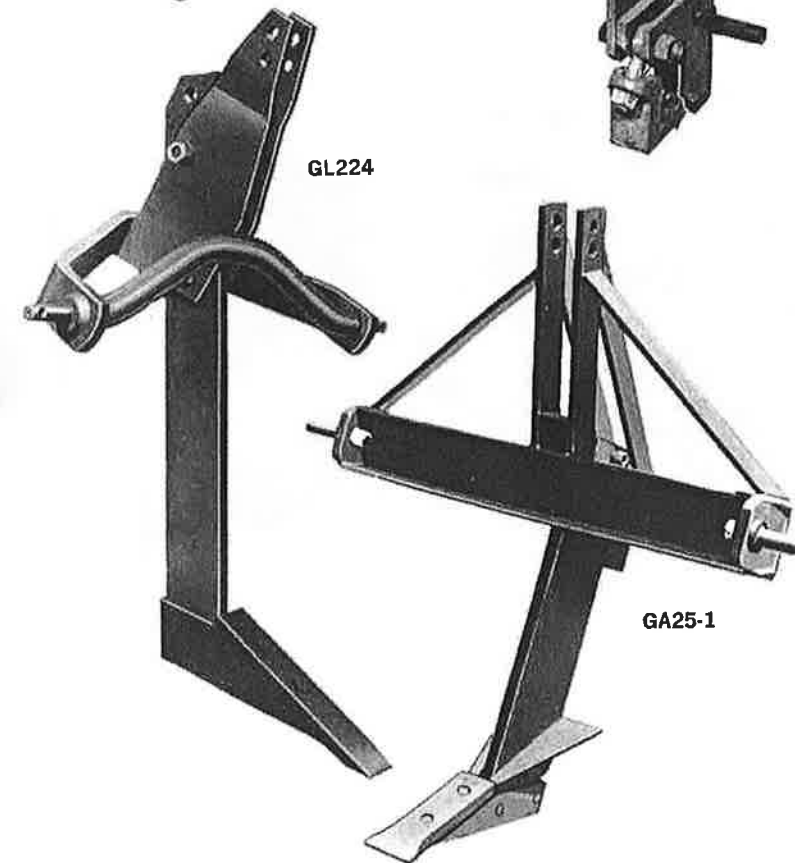
A30-1



GL-230

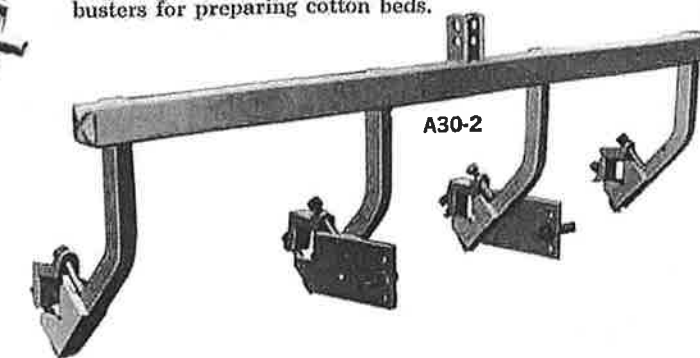


A30-4



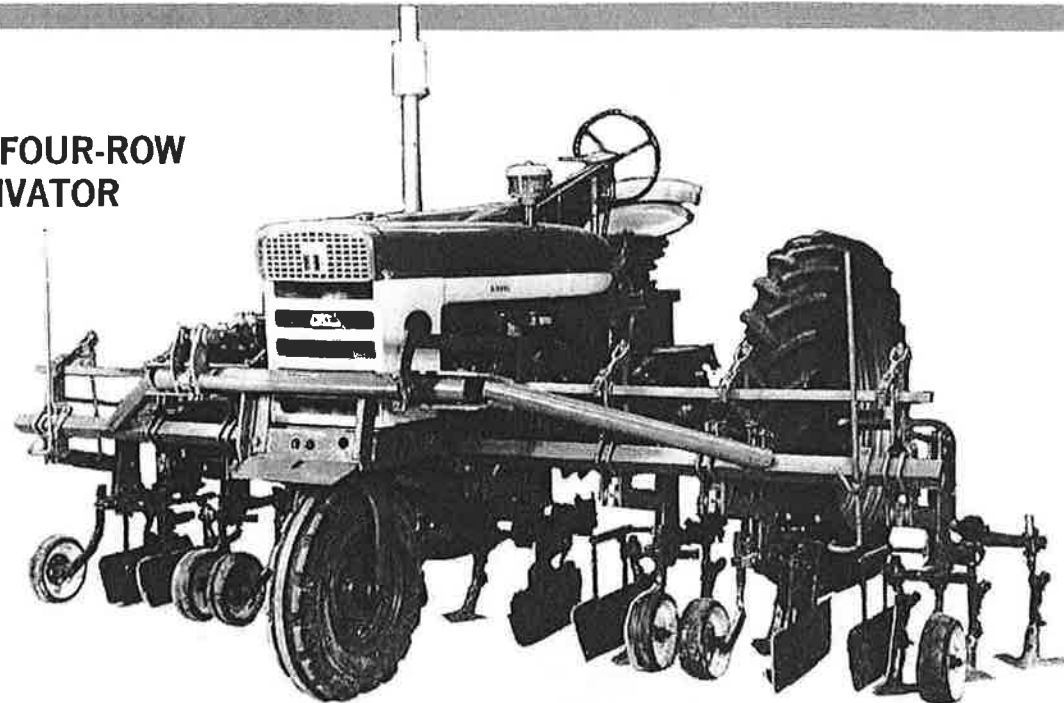
GL224

GA25-1



A30-2

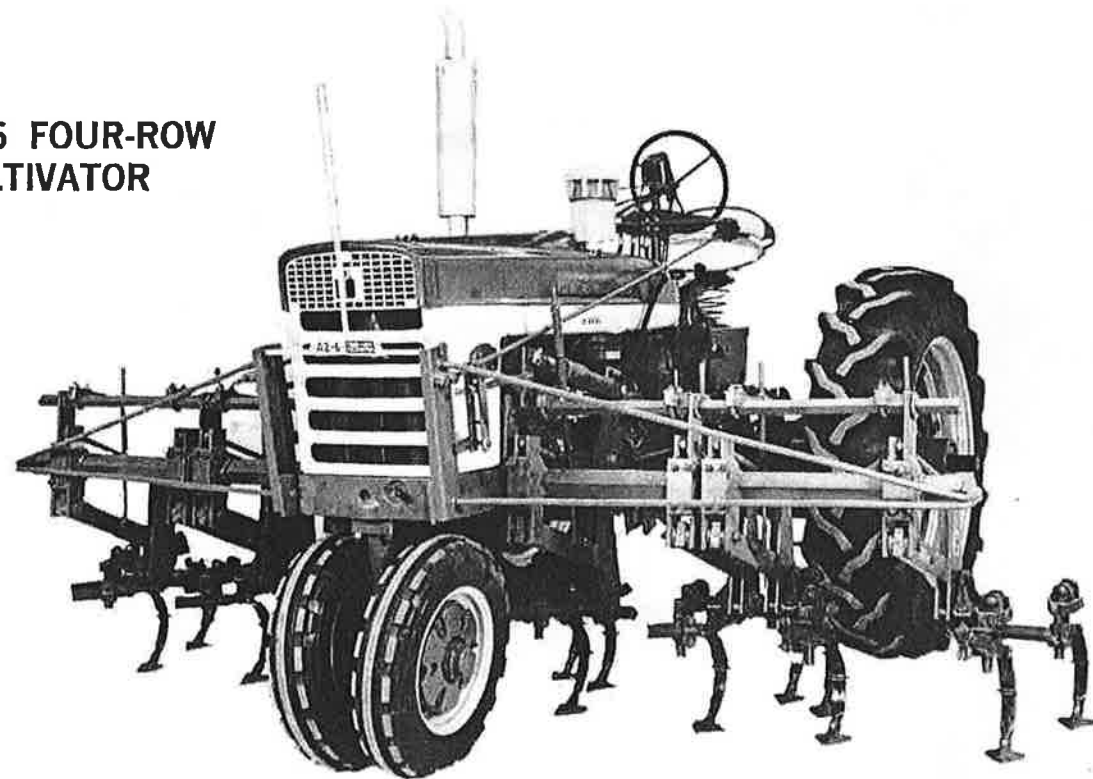
A2-2 FOUR-ROW CULTIVATOR



Heavy-duty A2-2 four-row cotton cultivator, especially developed for Australian conditions, cultivates four 28-42 inch rows at one time. (The A2-2 can be fitted to the Farmall A554 or 706.) Gangs are raised and lowered hydraulically and each

gang is individually controlled for depth by its own zero pressure gauge wheel. Cultivator can be fitted and removed in minutes. Choice of ground tools: friction break tines, spring tines, disc hillers and knife weeders.

A2-6 FOUR-ROW CULTIVATOR



The A2-6 is an economy-priced four-row cultivator designed for use with the Farmall A554 in crops such as peanuts and corn. Row widths are adjustable between 30 and 40 inches. Independent control of the left and right hand sections is obtained using a three-way control valve. Gang beams are

clamped to the box section and operate the ground tools by means of a parallel linkage mounted on tapered roller bearings. The inner and outer gangs are individually set. Maximum depth on each side is adjusted from the tractor seat.



No. 186 PLANTER UNIT

The No. 186 Plant Unit is equipped with its own combination hopper, opener and drive-and-press wheel. These units can be mounted on tool bars or cultivators for multiple-row planting, or can be used on small tractors to plant one row at a time.

Features: Combination hopper — Revolutionary rotary valve — Plants to desired stand — Chemical weed control is more effective — Easily converted to a drill planter — Each unit operates independently.

Special equipment of various types available, such as brush cut-off, chain guard, cultivator gauge wheel adaptor, depth-adjusting bands, etc.



No. 185 BEET AND BEAN PLANTING UNIT

Precision-built and specially designed, the No. 185 Unit plants every row flawlessly, efficiently. Primarily intended for beet-bean growing areas, can readily be used for practically any crop when properly equipped. Units mount easily on any 1½ to 2¼-inch square tool bar, for 2, 4 or 6-row operation. Can be set to minimum row spacing of 14" without fertilizer attachment, 18" with attachment. Features floating drive-and-press wheel — precision planting — fine-tolerance machined plates — accurate seed placement, with hopper only 12½" above ground — depth bands for precision depth control — positive seed plate drive, with four sprockets and various plates allowing operator to select from 182 different seeding rates. Choice of beet, corn or cotton planting equipment.

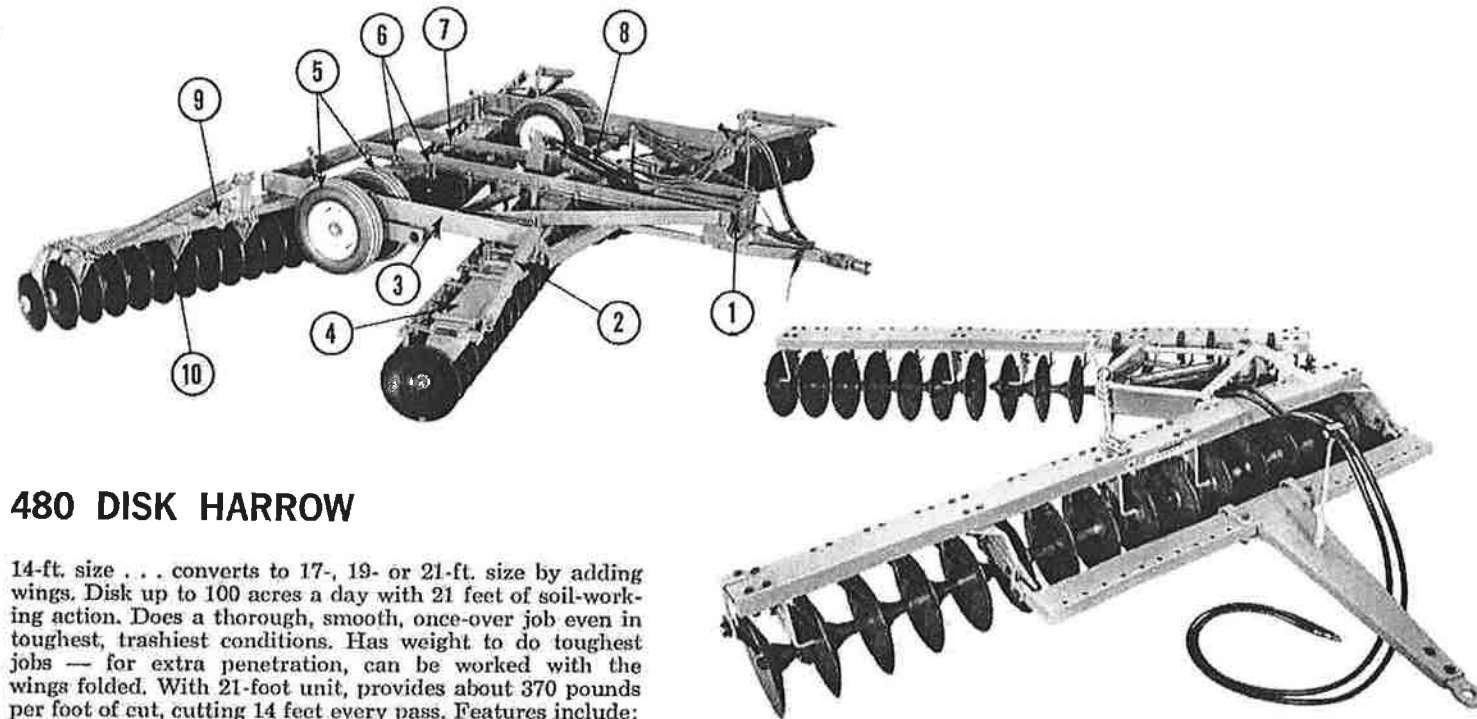
Special equipment available: speed change attachment to increase planting range (desirable for beet growing); corn hoppers; combination hoppers; brush cut-off; depth-adjusting bands; fertilizer units; gauge wheel; tool bars; etc.



660 HIGH CLEARANCE CARRIER

Specially designed for comfort, stability, efficiency, durability. Primarily for applying agricultural chemicals — this rugged, heavy-duty machine also lends itself to dusting, topping, light tillage, some hauling jobs, etc.

COMFORT: Operator is below top frame, away from drifting sprays. Visibility always good, with all controls, gauges close at hand. STABILITY: Engine centrally located, below operator deck. Weight evenly distributed with unusually high tipping angle. EFFICIENCY: Water and chemicals completely mixed while spray tank is being filled. Speedometer helps assure uniform application. DURABILITY: Has husky IH tractor engine, transmission, differential, gear reduction wheel drop housings, brake. Easy accessibility makes service and adjustments quick, easy. Wide selection of booms and attachments for weed and insect control, defoliation and desiccation. The 660 is built like a tractor — to last like a tractor.



480 DISK HARROW

14-ft. size . . . converts to 17-, 19- or 21-ft. size by adding wings. Disk up to 100 acres a day with 21 feet of soil-working action. Does a thorough, smooth, once-over job even in toughest, trashiest conditions. Has weight to do toughest jobs — for extra penetration, can be worked with the wings folded. With 21-foot unit, provides about 370 pounds per foot of cut, cutting 14 feet every pass. Features include: Spring-cushioned, self-leveling hitch keeps harrow level at all times. Counterbalanced springs take work out of folding the wings. Easily folded to transport position. Torsion frame of heavy steel angles holds gangs to their work, yet flexes to follow ground for even-depth disking. Box-girder gang bars, 8 x 2½ inches, keep gangs rigid.

Dual wheels are mounted on easy-to-remove spindles. Gang angling adjustment permits angling the gangs from six to 18 degrees to match soil conditions. Lateral adjustment of rear gangs, a total of six inches, sets spacing between gangs. Big 16-inch cylinder provides a full 18-inch lift range. Wing field locks, one on each side of the gang bar, holds wings in true alignment with main gangs.

Triple-sealed, regreasable precision ball bearings, with anti-wrap housings, for long bearing life.

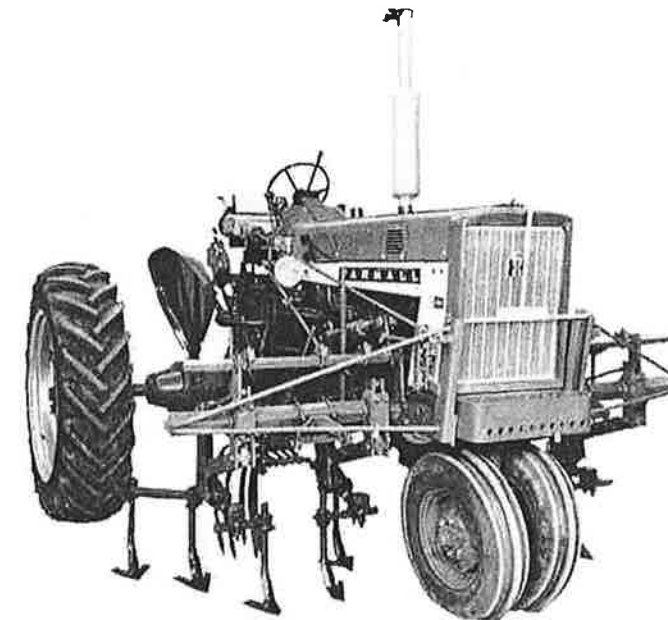
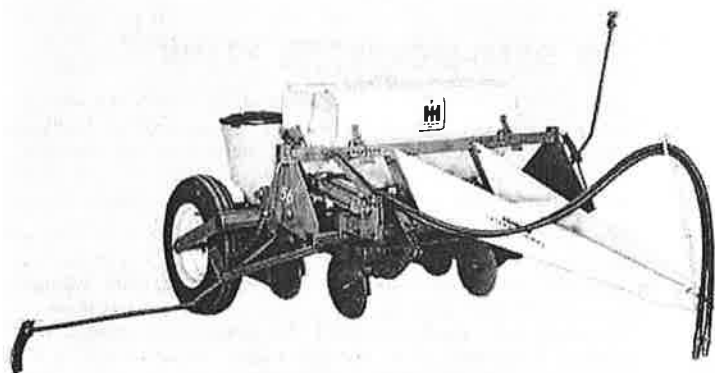
32-B UNA-BEAM SINGLE OFFSET DISK HARROW

Rugged, deep-working — designed for toughest disking jobs. Penetrates hardest soils, slices through toughest stalks. The Una-Beam frame is single box-steel frame, mounted directly above disk blades of each gang for more strength, ruggedness. Usual trash-plugging problems are overcome. Offset harrow to right or left of tractor . . . simply moving single-piece hitch tongue to desired position on spreader bar. Implement folds compactly, easily for transport or storage. Features include: nearly 13 inches clearance; precision, triple-sealed ball bearings; over 300 lbs. of weight per foot-of-cut. FLEX-LINE OFFSET DISK HARROW: Same rugged, dependable construction as Una-Beam, but has hinge-joint in center of each gang to assure thorough, uniform disking across full width of harrow . . . adjustable to varying ground conditions.

FLEX-LINE SQUADRON DISK HARROW: Same tough, dependable Una-Beam construction, but for large acreages, fast operation. Consists of two Flex-Line models hooked together, to pull up to 42 feet of heavy disk harrow behind tractor.

56 SERIES TWO-ROW CORN PLANTER

The new 56 Series Two-Row Planter gives you famous IH big-planter features in a two-row unit. Offers such extras as rotary-valve planting, big capacities, high-speed operation, automatic-marker operation, and hydraulic lift in a two-row machine. Features of construction and operation include: Famous IH rotary valve — Drill, power-drill, or power-hill-drop — Centralized drives — Wide and narrow row spacings — Big 500-pound fertilizer units — Double-disk openers — Rugged axle tube — Hydraulic control. 2-4-6 row available.



A2-3 TWO-ROW CULTIVATOR

Simplicity of design, clean appearance and built-in strength are features of the A2-3 two-row cane cultivator. Because the lift mechanism incorporates tapered roller bearings, this machine is raised and lowered smoothly, while remaining rigid.

At row ends, the weeders are raised by a special high-lift mechanism. They are returned to a pre-set depth.

Left and right-hand sections can be operated simultaneously or independently. Individual adjustment of the inner and outer gangs makes the A2-3 a popular implement with cane farmers.

Two models available for Farmall A-554, 706, 806 or similar tractors.

A2-4 ONE-ROW CULTIVATOR

Designed for use on the 434, A-414, B-414 and B-275 high-clearance tractors. It is suitable for one-row cultivation of cane, corn, peanuts, tobacco, etc., planted in rows 48 in. apart and wider; or with vegetable bars fitted for multi-row cultivation down to 9 in. apart.

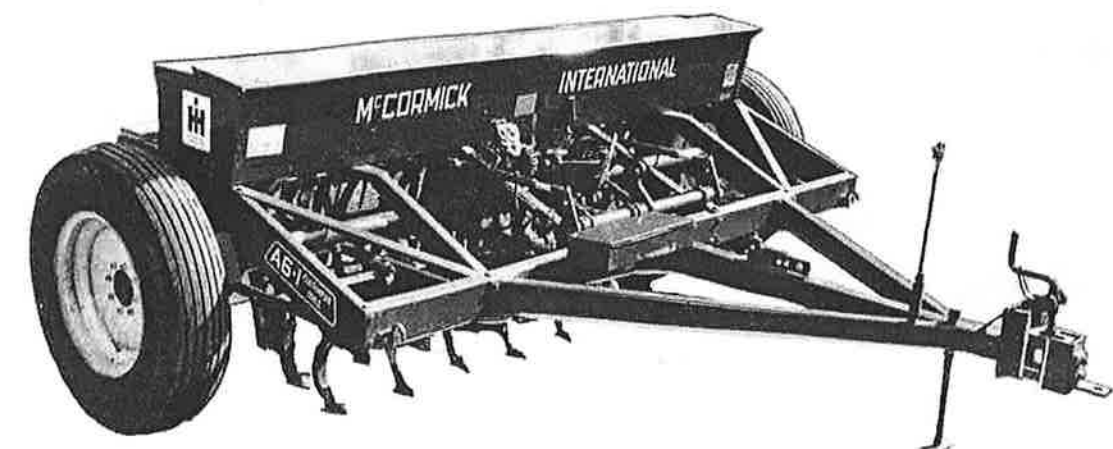
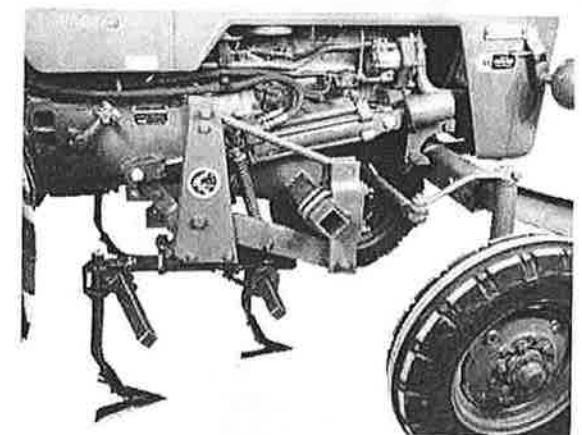
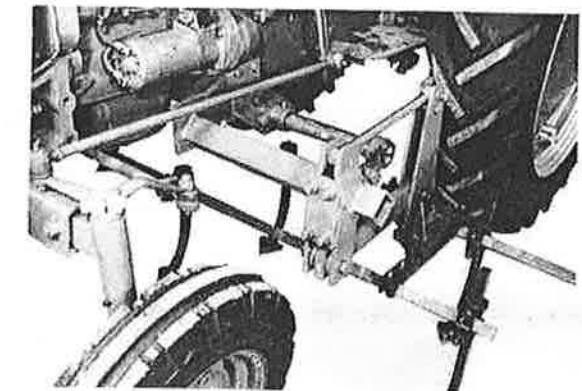
Wide choice of ground tools available: rigid shanks, thin tines, spring-trips friction-breaker tines and disc equipment.

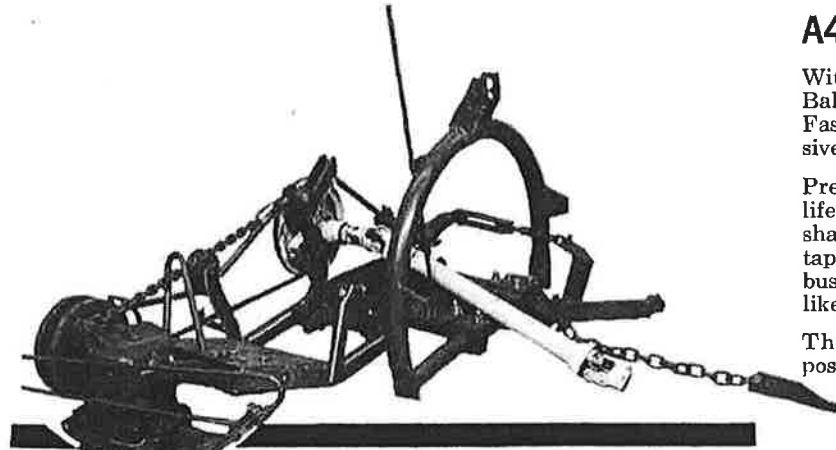
A2-5 MULTI-ROW CULTIVATOR

The A2-5 is a multi-row vegetable cultivator for use on the 434, A-414, B-414 and B-275 Hi-Clear tractors. Right and left-hand frames are bolted to the side of the tractor. Gang-beam heads are clamped to the box sections and operate the ground tools by means of parallel linkage. The upper link is adjustable. The main pivot of the lower link is supported by tapered roller bearings. These give rigid control and easier operation. A wide range of ground tools is available.

A6-1 CULTIVATOR DRILL

Available in 16, 20 and 24 row sizes, the A6-1 meets the requirements of the cereal grower. Exclusive cranked axles give low loading height, and high lift for transport. Spring tines, cultivating discs, spring release tines and sowing discs are interchangeable. Enclosed oil-bath gearbox offers finger-tip changing of sowing rates in 2 or 3-lb. steps for grain and 5-lb. steps for super. Giant seed and super boxes reduce loading time. Row spacing is 7 in.



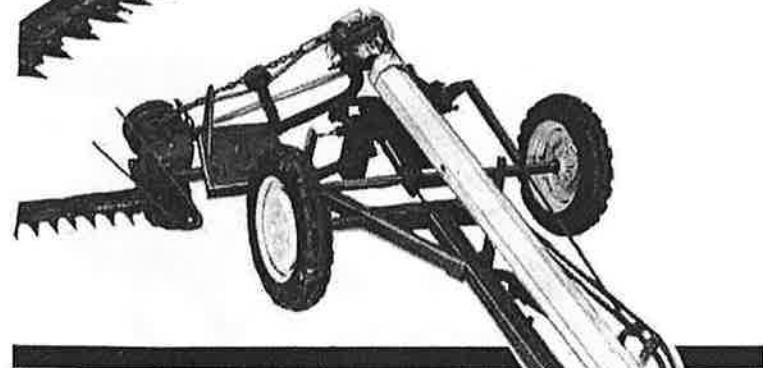


A4-3 MOWER

With the 6-ft. or 7-ft. wide swath and three-point linkage, A4-3 Balanced Head mower you can make better hay more quickly. Fast, quiet and smooth-running action comes from the exclusive Wrist-Action drive.

Precision counterbalance controls vibration and prolongs the life of moving parts. V-belt transmits power from the drive shaft to the 25-lb. flywheel. Only three moving parts and six tapered roller bearings make up the drive and, with replaceable bushings at all major wear points, your mower is kept in like-new condition.

The adjustable breakaway can be reset from operator's position.

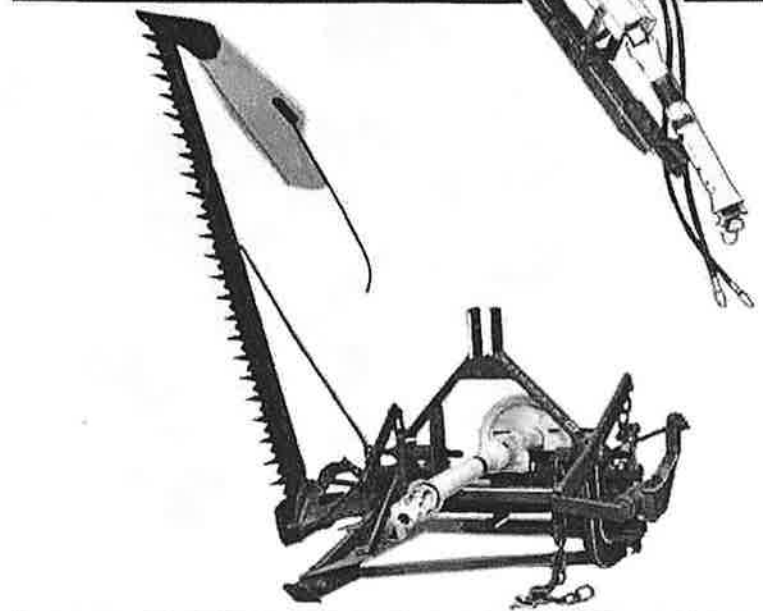


A4-4 MOWER

Cut clean, square corners with the 6-ft. or 7-ft. wide balanced head, trailing mower.

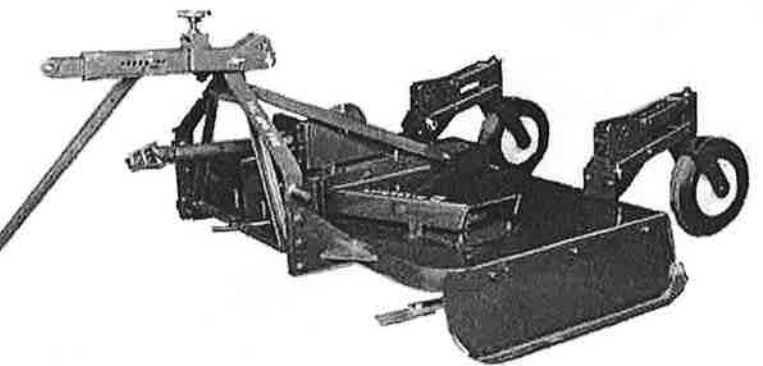
A short 2 5/8-inch stroke keeps each knife section in a constant cutting position. And, running at 1,000 r.p.m., the heavy flywheel enables you to cut the heaviest conditions without choking.

Wrist-action drive assures quiet operation. Cutter bar works in a wide range of angles as well as horizontal.



A4-5 MOWER

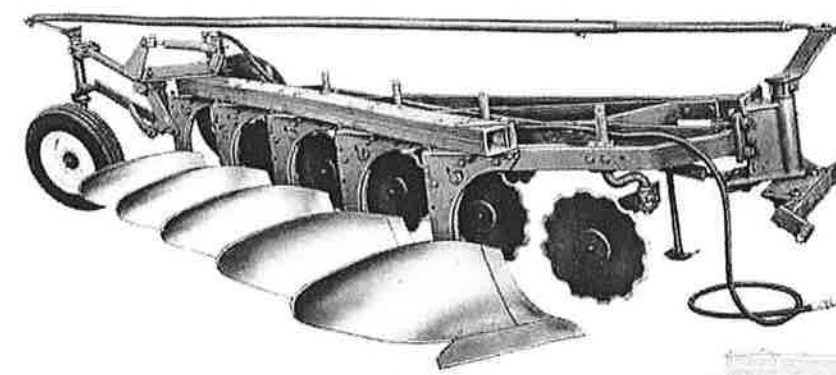
Available with a 5 or 6-ft. cutter bar the A4-5 can be attached to category 1 or 2 three-point linkage. The cutter-bar cuts clean at fast ground speed under all mowing conditions. Ledger plate top surface and point of finger are on a common plane. The lowered point of the finger gives better combing action without tilting the bar and allows cleaner cutting. Cutting can be started after stopping without having to back off and clear knives first.



GA4-1 ROTARY MOWER

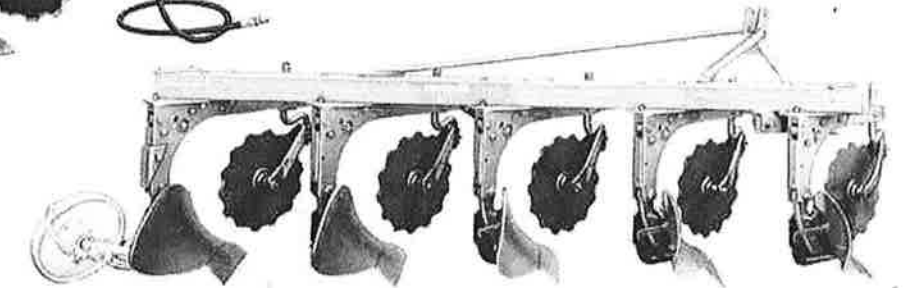
Designed for pasture topping, mulching, general pasture improvement and eradication of strong-growing weeds.

Swing-Back blades. All parts are ruggedly constructed, maintenance is simple. The three rotors revolving at 2,050 r.p.m. cut a full 6-ft. swath. Adjustable rear wheels and headstock-leveling assembly enable level cutting heights from 1/2 to 9 inches. Bruiser blades for bracken ferns in particular are available. Available for Category 1 or 2 three-point linkage, or trailing hitch.



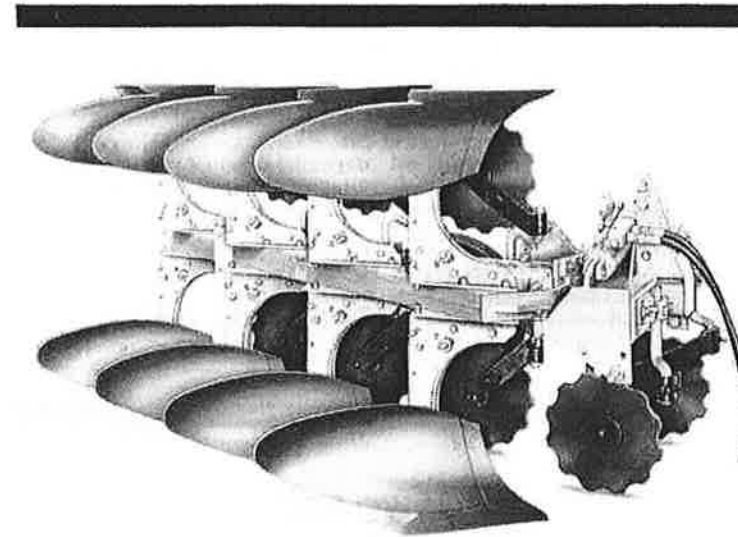
560 PLOW

These semi-mounted, steerable plows combine the best features of hitch-mounted and trailing plows. They follow your tractor like a shadow. Pivoting hitch automatically steers the rear wheels for short turns in the field or maneuvering in the yard. And, with these semi-mounted steerable plows you get all the advantages of draft control . . . increased traction . . . more efficient use of tractor power. The 560-6 bottom plow offers big trash clearance — 27 inches vertical and 26 inches fore and aft. Plows up to 12 inches deep and is ideal for contour plowing.



511 PLOW

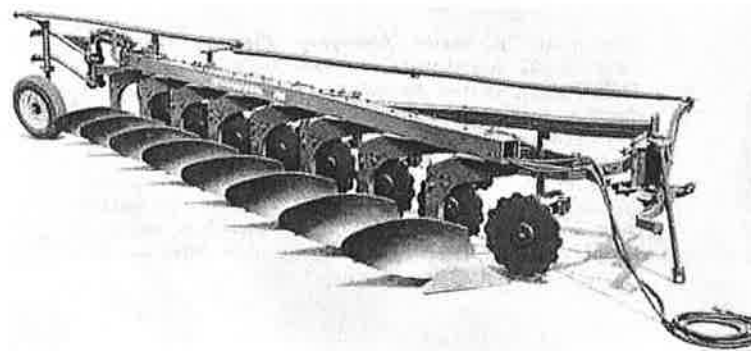
The International 511 plows have the strength and capacity for plowing up to 12 inches deep in hard soils and heavy trash. They feature tough concentrated-strength design, trim spring-trip beams, big trash-handling capacity, and exceptional ease of operation. Highly maneuverable, these plows are mounted close to the tractor for safer, more-stable tractor-plow operation. Spring-loaded rear furrow wheel is standard equipment. Spring tension keeps the wheel at the bottom of the furrow regardless of ground conditions. Helps you plow straight, uniform furrows.



642 TWO-WAY PLOW

The husky International 642 two-way, mounted — 3 or 4 furrow plow is built to match the heavy-duty demands of higher horsepower tractors and toughest, trashiest plowing. It features rugged strength, top trash clearance, fast hydraulic rollover, and all-around plowing ability that give you unsurpassed plowing performance . . . help you make top-yielding seedbeds. The 642 plow mounts on most tractors with Category II three-point hitch and two-point Fast-Hitch.

Quick rollover speeds plowing . . . there's no lost time on headlands. A big 4 by 8-inch double-acting cylinder activates rollover of bottoms . . . gets the job done in seconds. Spring trip or rigid beams.



700 SEMI-MOUNTED PLOW

The extra-husky 700 semi-mounted steerable plows are designed for high-speed plowing with big power tractors. They offer unexcelled stability, maneuverability, and convenience. And when it comes to plowing performance, these plows stand head and shoulders above the entire field.

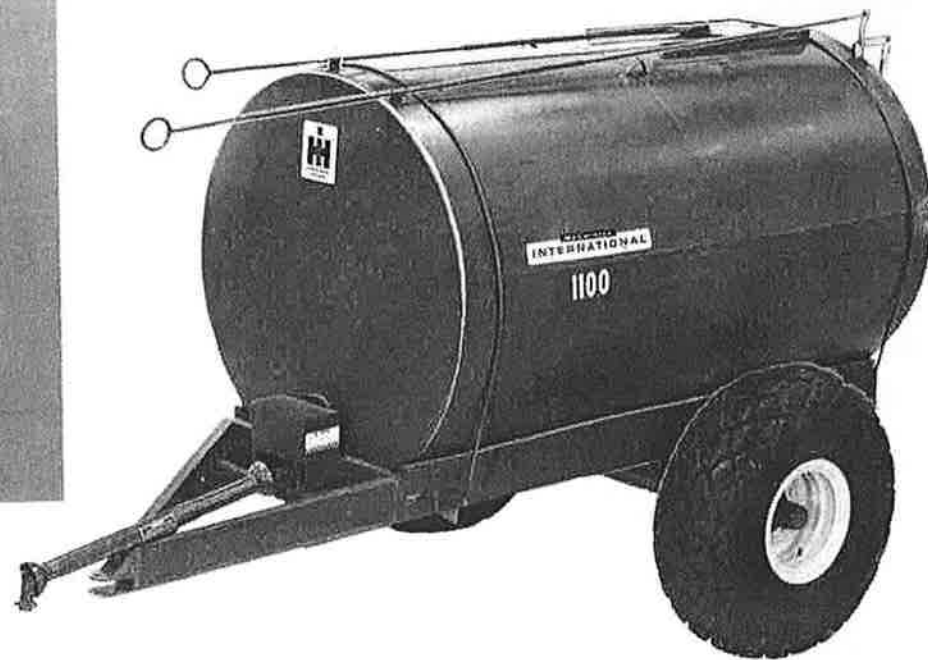
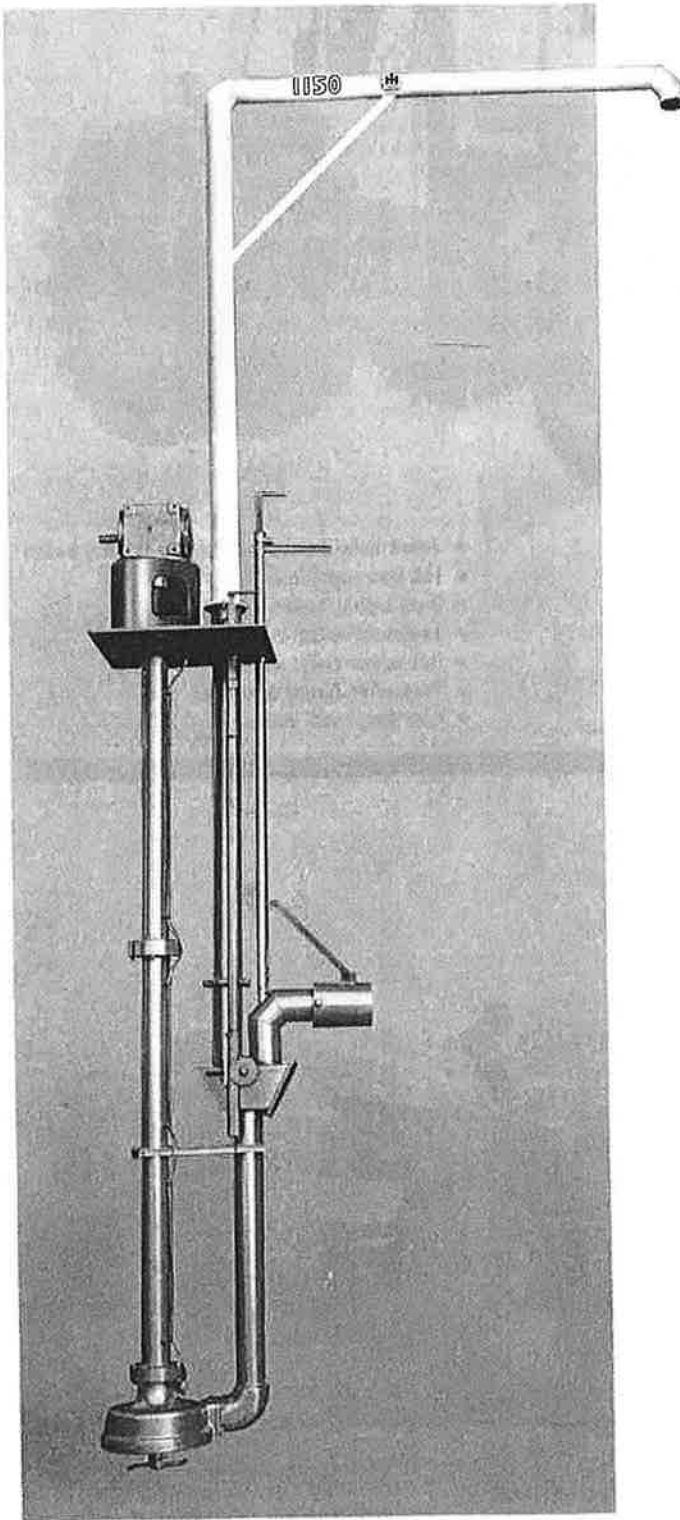
The 700 plow is available with automatic, spring-trip, or shear-pin trip beams in 4/5, 5/6, 6/7, and 7/8 bottom sizes. All three types have the same convertible features . . . extra-heavy construction . . . huge trash clearance . . . steerable tail wheel . . . and the same wide selection of hitches. They also give you the same quality plowing you expect and get only with an International plow. Plows up to 12 inches deep and offers big 30" vertical clearance. Illustrated is 700 Plow with spring-trip beams.

1150 LIQUID MANURE PUMP

High-volume, high-pressure, positive non-clog chopper design pump adapts to round, square, or rectangular liquid manure storage pits. It loads 1100 and 1400-gallon spreaders in about one to two minutes depending on slurry and operating rpm (for 540 and 1000 rpm pto or electric motor). The 1150 recirculates to agitate pit contents into a homogenous slurry while chopping wastes and bedding. Two hours' recirculation of a 28,000-gallon pit creates a slurry that is most efficiently handled by a spreader. Pump clogging is not a problem with the 1150—it is designed to do a top job in tough going.

1100 and 1400 LIQUID MANURE SPREADERS

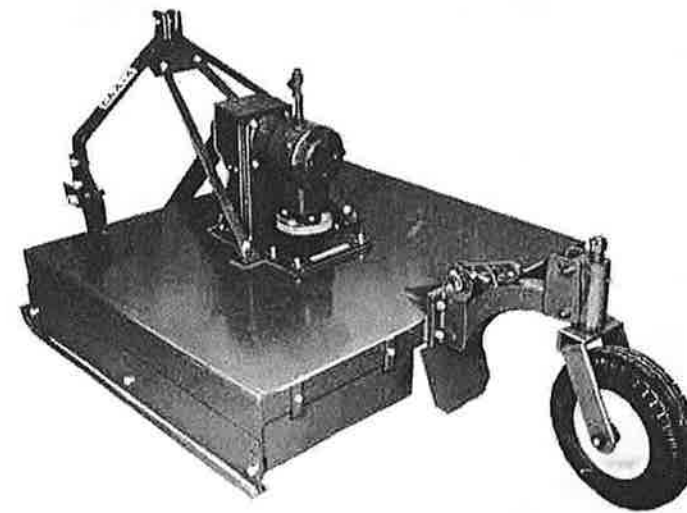
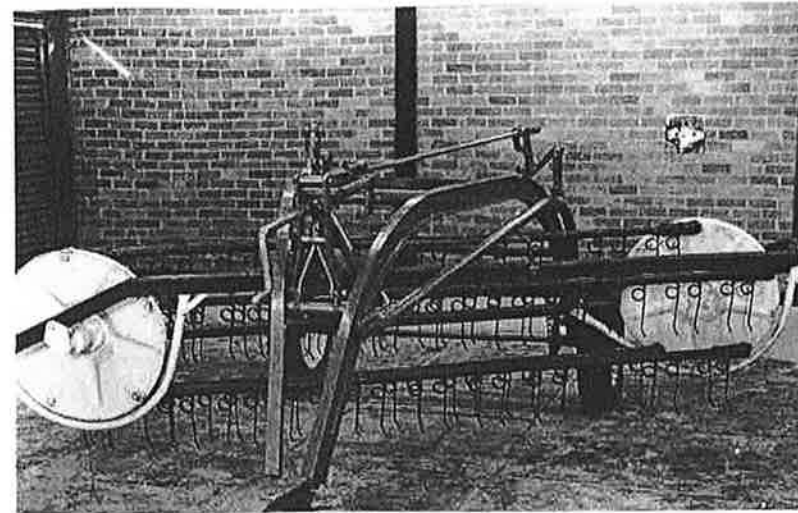
With capacities of 1,100 and 1,400-gallons respectively, these spreaders unload in about four or five minutes in a 20 to 25-foot swath. Full-length auger located close to the bottom assures even spread pattern up and down hills, even when spreader is nearly empty. Adjustable handles control topside opening for loading and unloading. Baffling minimizes sloshing on rough terrain. Tank is easily removable from chassis. Power drive universal assembly with quick-detachable yoke and shield for tractors with 1 3/8 pto (540 rpm).



A21-3 RAKE

This ground drive rake can operate at speeds up to 8 m.p.h. Five raking bars keep teeth in contact with the hay for a steady, smooth and gentle action—designed to give fluffy windrows. Speed selection is provided by three different sprockets, which can alter reel speed without increasing ground speed.

The A21-3 is easily attached to the drawbar with the aid of a screw type jack which is easily adjusted to drawbar height. The jack folds away after hitching has been completed. Teeth are rubber-mounted for supple strength.



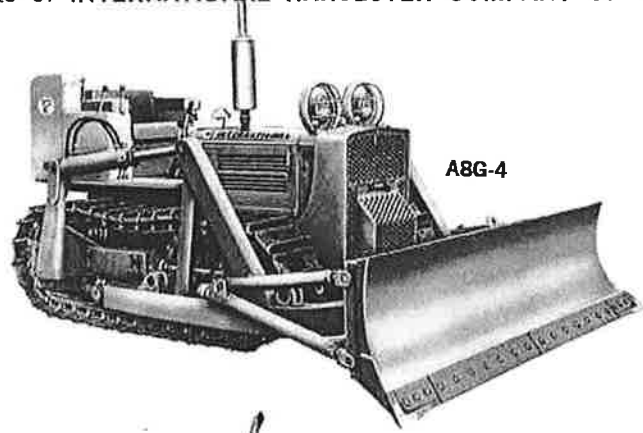
GA4-7 ROTARY SLASHER

Heavy-duty GA4-7 is easily operated by a light tractor for effective operation in light scrub, tea-tree, land clearance and tough grassland. Cutting width is 4 feet and cutting height is adjustable between 9 and 10 inches by adjusting trailing wheel. A single swing-back blade with replaceable tips ensures clean cutting. A slip-clutch protects the drive if the mower strikes an obstruction. The blade is mounted on sealed bearings. The GA4-7 is easily attached to tractors with Category 1 or 2 three-point linkage.



A21-1 RAKE

This pto-driven rake is designed for all 3-point linkage. The pto drive ensures a steady push raking action. Its close-coupled design reduces the churning action to save more protein-rich leaves. The rake features 8-ft., 6-in. raking width. Caster wheel stanchions may be adjusted up or down to suit crop conditions. Teeth are rubber mounted.

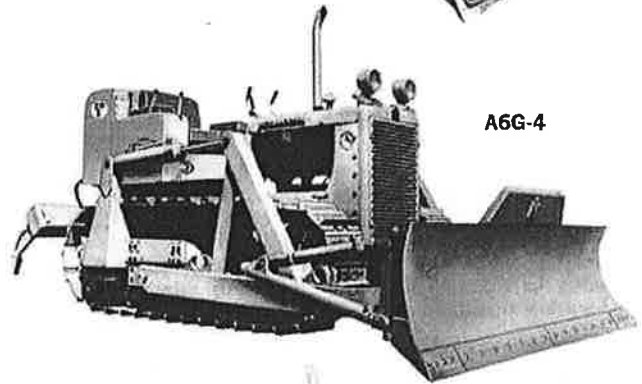


A6G-4

A6G-4 ANGLEDOZER (for BTD-6 Tractor)

The heavy-duty, arc-welded, box-framed blade is ideal for heavy earth-moving work. Positive blade control. Track-mounted with no load on the tractor frame.

Blade, in.	28
Max. lift above ground	43
Max. lift (from point with blade angled, not titled), in.	50
Max. drop below ground, in.	16
Max. tilt adjustment, in.	12
Blade angles, degrees	25

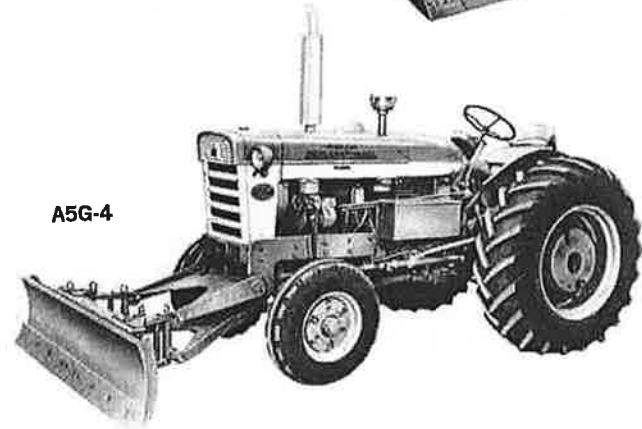


A6G-4

A8G-4 ANGLEDOZER (for BTD-8 Tractor)

Specially designed for the BTD-8 (81 series) 5-roller crawler tractor, this versatile blade has exceptional strength for the toughest earth-moving work or clearing. It has excellent balance, is track mounted, easily angled and tilted.

Blade height, in.	28
Height, including spill board, in.	37
Max. lift, front point with blade angled, but not tilted, in.	50
Max. drop below ground, in.	18
Max. tilt adjustment, in.	12
Blade Angle, degrees	25



A5G-4

A5G-4 ANGLEDOZER (for 500 Tractor)

This heavy-duty angledozer can be angled and tilted for accurate dozing or clearing. Back of tractor is clear for rear-mounted implements.

Blade height, in.	23½
Max. lift, in.	25½
Max. drop below ground, in.	11
Max. tilt, right or left, in.	8½
Max. angle — either side, degrees	28½

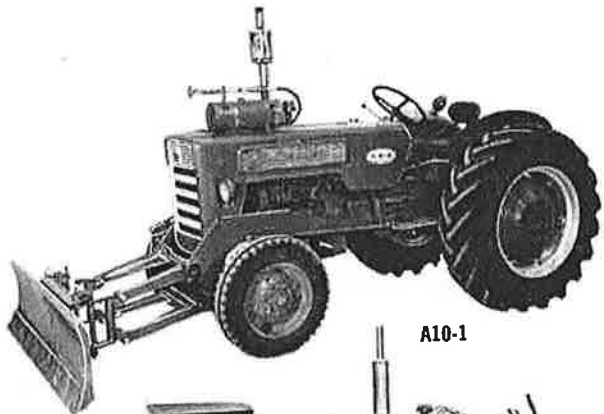
ANGLEDOZER BLADES

Angledozer Blades are raised and lowered hydraulically from tractor seat by tractor's double-acting, hydraulic, remote-control system.

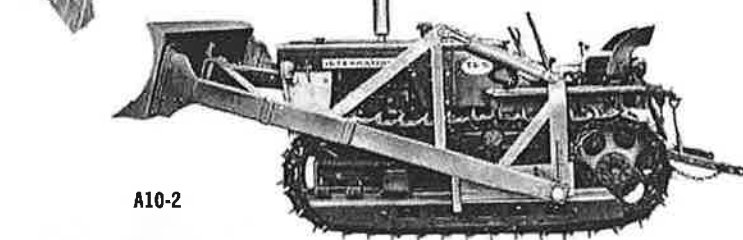
Blade automatically offsets from the center of the tractor, thus overcoming side-draft tendencies.

For straight dozing, two blade positions are available — with the angling linkage in place or with the linkage removed and the blade direct coupled to the push arms, giving a close coupled effect between tractor and blade. Blades can be raised for transport or removal of the hydraulic cylinder. Blade assembly can be removed without removal of the lift frame. Cutting edge is two-piece bolted, reversible and interchangeable for eight-way corner wear, high carbon steel (6 in. high).

	A10-1	A10-2
Blade Width, in.	88	72
Moldboard Height, in.	18½	18½
Side Cast Angle, Left and Right	25°	25°
Tilt Angle, Total	25°	25°
Clearance under Blade, in.	18	16
Depth of Dig, in.	7½	7
Distance, Front Axle to Blade at Ground, in.	44½	51
Shipping Weight (approx.), lb.	1,100	670



A10-1



A10-2

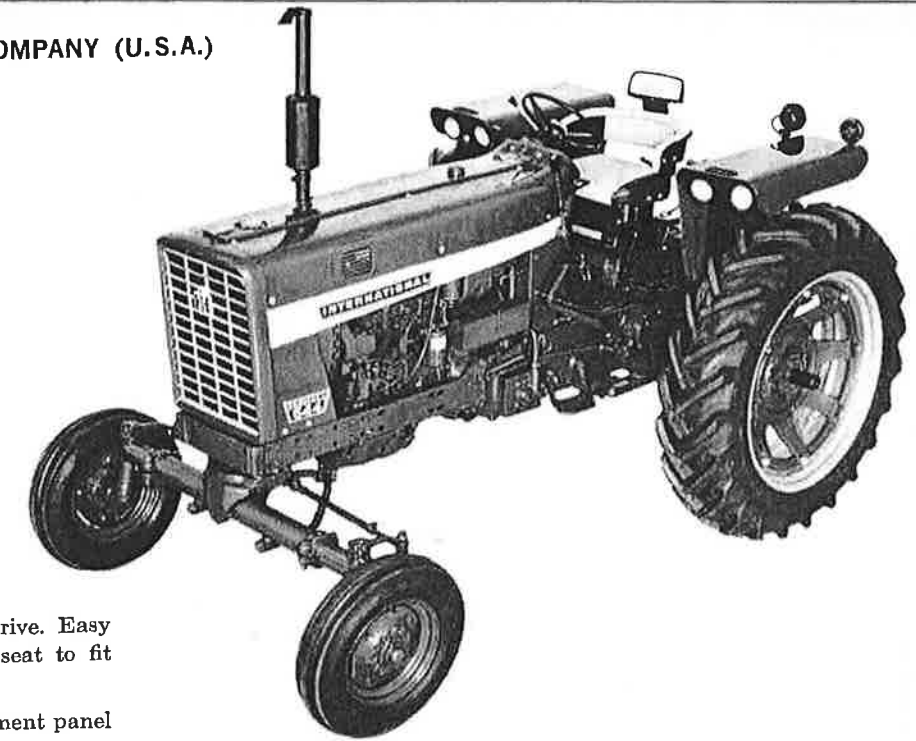
INTERNATIONAL FARMALL 544 TRACTOR®

The new 544 has what it takes to handle four 16's or equivalent tillage tools at productive working speeds. Solid power from two new engines. Five forward speeds. Dry-type air cleaner. Modern hydraulics. Easy hydrostatic power steering. Accurate draft control hitches—International Farmall 544 has these features and more. Extra rugged components, too, end to end for stamina to match any tractor in the line.

This is an exceptionally comfortable tractor to drive. Easy to get aboard. Available with six-way adjustable seat to fit any operator.

All new styling is more than skin-deep; new instrument panel is easier to read; new bar-type grille provides easy access to radiator and oil cooler; attractive suitcase front end weights are also easier to put on.

Any farmer interested in extra value should test drive a Farmall 544, the exciting new IH four-plow tractor.



- IH D-239 cu. in. engine . . . 69 Bare engine h.p.
- New styling — new operating ease
- Hydrostatic power steering. 10½" diameter Dyna-Life clutch
- Draft control hitches — two point "fast hitch," or three-point hitch

INTERNATIONAL FARMALL 656 TRACTOR

The Farmall 656 looks and acts like one of the biggest Farmalls because it's built the same way. Here's sturdy IH power . . . many big tractor comfort features . . . modern hydraulics, steering, styling — standout performance for the farmer who wants good, solid, economical workpower in a 60 horse, 4-5 plow tractor.

Power. 263 cu. in. gas or LP Gas or 282 cu. in. Diesel engines, operated at 1,800 rpm, handle heavy 4-5 plow work — no strain. IH Multi-Range design lets you work full power at top rpm . . . or . . . shift up and throttle back for maximum economy and the speed you want. It's easy on the engine and fuel too.

Draft control. Both 3-point and 2-point Fast Hitch feature lower link sensing through highly accurate torsion bar device. It makes rapid, slight corrections to varying draft loads. No jerky moves. Keeps plow level acre after acre. Two-lever controls are easy to set and operate. Automatic drop retard prevents heavy hitch-mounted implements from lowering faster than light ones.

Outstanding features such as Elotherm hardened crankshaft (Diesel), dry-type air cleaner, disc brakes, shift lever on the cowl, Torque Amplifier, power steering, power shift pto, Super De Luxe seat and Dyna-Life clutch make the Farmall 656 best for the money in its power class.



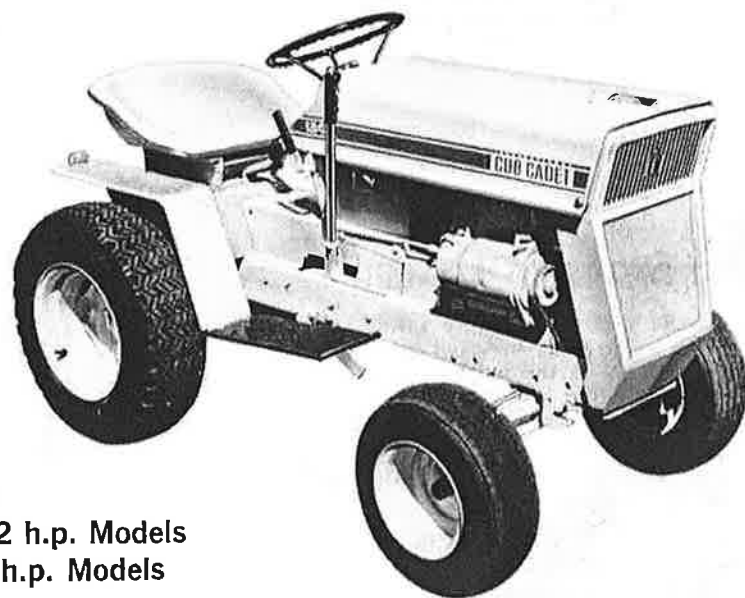
- 656 Diesel (manufacturer's rating, observed) 75 Bare engine h.p.
- Available with draft-controlled 3-point hitch . . . 2-point draft controlled Fast-Hitch . . . or vertically adjustable drawbar
- Hydrostatic power steering . . . power shift pto
- Torque Amplifier . . . Dyna-Life® engine clutch . . . dry-type air cleaner
- Gas, Diesel or LP gas
- High comfort styling . . . wide deck . . . easy service access

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INTERNATIONAL CUB CADET TRACTOR



Full Length Steel Frame
3 Speed Direct Drive — 7, 10 and 12 h.p. Models
or Hydrostatic Drive — 10 and 12 h.p. Models

Strong power for fast snow removal . . . mulching, tilling, cultivating, big area mowing. Plus . . . deluxe styling, comfort, all-weather starting. Safety starting key. Heavy-duty frame, axles. Auto-type steering. 2-wheel disc braking. Dozens of implements. Choose your horsepower—choose new hydrostatic direct drive or all-gear direct drive. Drive a Cub Cadet—the busy farmer's best "third" tractor.

New hydrostatic direct drive in 10 and 12 h.p. size. No shifting. No clutching. Infinite speed control with one lever for forward, reverse motion, braking, and speed selection. 0 to 8 mph. No belts. No chains. Model 123 only.

Cub Cadets deliver power through a solid 3-speed transmission, all gears—just like the biggest farm tractors. No belts to slip or replace. Dependable, low-maintenance power.

Built-in safety. International Cub Cadet won't start without the key.

Cub Cadets start instantly, in summer or in below zero weather. Automatic compression release reduces compression until operating speed is reached. At operating speed, compression is restored assuring full power output.

Products of INTERNATIONAL HARVESTER COMPANY OF AUSTRALIA PTY. LTD.

GL-326 CARRY LIFT PLATFORM

Fits all Category 1 or 2 3-point linkages; is sturdily constructed with a welded steel frame and a strong hardwood floor.

Has ample capacity (10 cwt.) for all utility jobs on the farm or station and combines plenty of loading space (more than 133 sq. ft.) with a short fore and aft dimension.

GA50-1 CONCRETE MIXER

Suit filling height to your requirements. The machine mixes while being transported. Balanced barrel is easy to tip for unloading into a barrow, or straight into the work. A sturdy frame carries drive mechanism, barrel and removable support stand. Drive from tractor is through a telescopic shaft to shielded reduction gears. The big capacity barrel holds three cu. ft. of dry material. Quickly attached to any Cat. 1 or 2 linkage tractor.

GL-226 REAR BLADE

Designed for all three-point linkages; is ideal for leveling, filling, back-filling, grading, ditching, trenching, terracing, road-making, etc. Can be tilted, angled through 360° or offset and will do accurate grading. Soil retaining wings can be fitted to end of blade for soil carrying.

A68D-4 COMBINATION CARRIER

As a toolbar or blade carrier, the A68D-4 is for easy attachment to International BTD-6, BTD-8 or TD-9 (up to and including 91 series) crawler tractors. It takes advantage of a crawler tractor's ability to push as well as pull.

There is a toolbar and choice of ground tools to meet your exact needs, whether it be sub-soiling, deep tillage, or cultivating. The live hydraulic system and four-position precision control valve give excellent finger-touch control.

The 7-ft. 22-in. blade can be lowered under hydraulic pressure for full depth work. Blade movement details: below ground level, 12 in.; above ground clearance, 30 in.; tilt, 6 in.

GA15-3 REGULAR MODEL POST HOLE DIGGER

Makes neat, clean holes into which your fence posts, young trees or stock-yard poles can be dropped without further scouring and cleaning.

Optional moldboard cleaning blade.

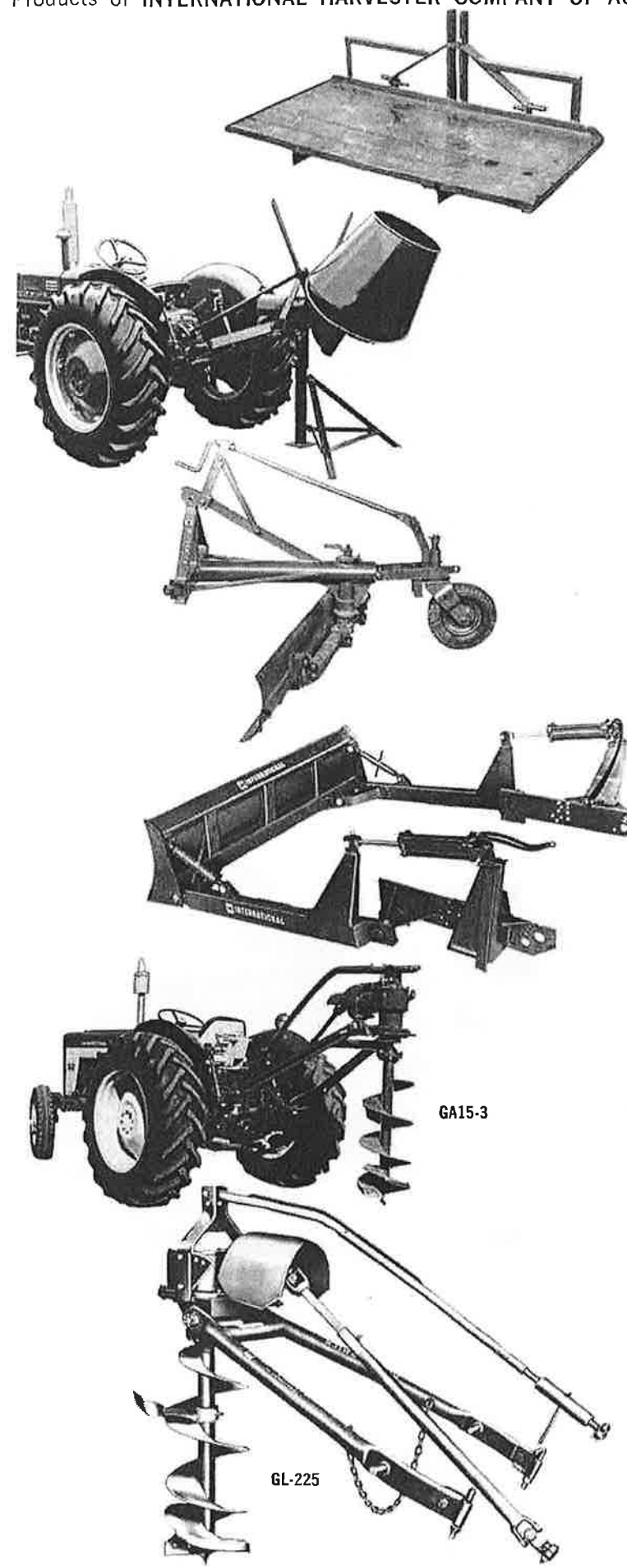
Choice of four, eight, twelve and fifteen inch diameter augers.

GL-225 HEAVY DUTY POST HOLE DIGGER

A rigid tubular steel frame, and multiple setting of the digger head piece assure straight holes and positive penetration. The exclusive top link holds the digger rigid during penetration.

Optional moldboard cleaning blade acts as a depth gauge and prevents earth falling back into the hole.

	GA15-3	GL-225
Depth of hole, in.	36	36
Regular auger width, in.	8	12
Optional auger width, in.	4, 12, 15	4, 8, 15
Diameter of holes, in.	5, 9, 13, 16	5, 9, 13, 16
Weight (12" auger), lb.	359	410



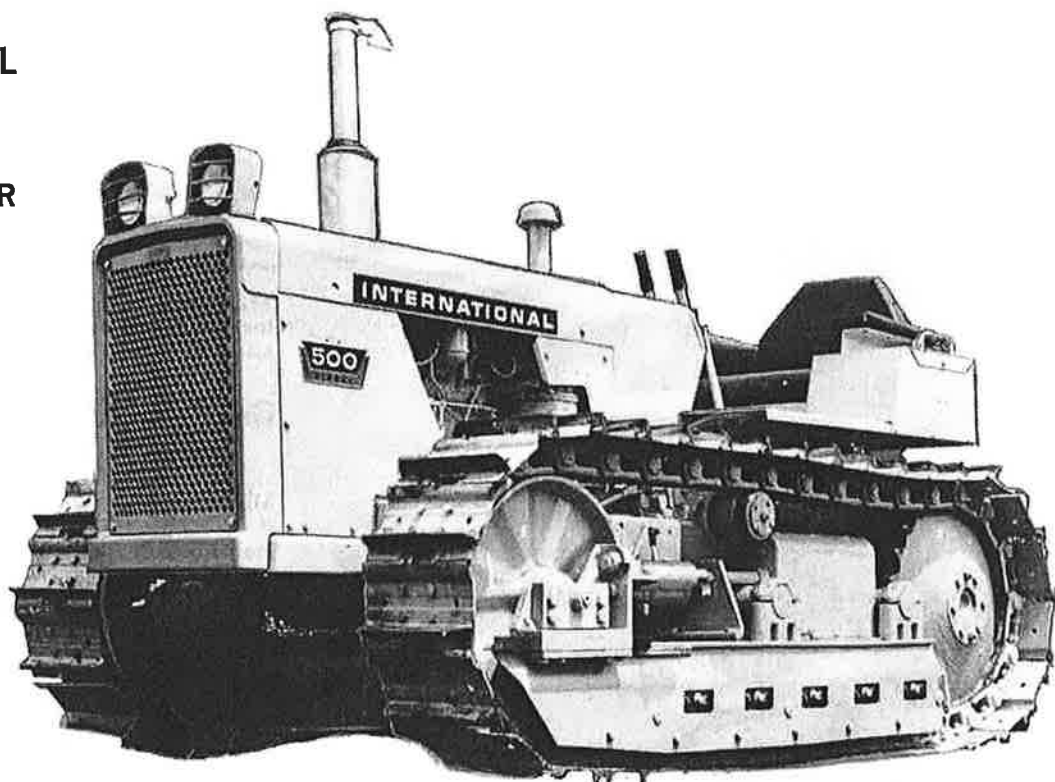
CANADA

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17	55 TRAILING-REGULAR AND HIGH CLEARANCE CHISEL PLOW 55 MOUNTED CHISEL PLOW 55 WING-TYPE CHISEL PLOW 55 DUPLEX-REGULAR AND HIGH CLEARANCE CHISEL PLOW No. 80 ROD WEEDER	22	No. 10 REGULAR GRAIN DRILL No. 10 SEMI-MOUNTED GRAIN DRILL No. 10 COMBINATION GRAIN DRILL 150 SHOVEL PRESS DRILL 100 PRESS DRILL
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INTERNATIONAL 500 CRAWLER TRACTOR



Climb aboard a new International 500 crawler and see how it can slash cycle time. Secret is the exclusive Power Shift Reverser. Pick a gear, start it up and go to work. To reverse, flip the Power-Shift control. No foot clutching or shifting necessary — two hydraulic clutch packs do the trick. And your reverse speed is 18% faster than forward. The 500 is the toughest, most versatile under-50-hp crawler ever built. Dyna Life clutches outlast others 5 to 1. Track components last longer too. 500-hour track rollers; hydraulic track adjusters; interlocking, counterbored track links; longer bushings and bigger pins; larger diameter, solid drive sprockets — plus un-

matched maintenance serviceability all add up to trouble-free, time and money saving operation.

Equipment for use with the International 500 Crawler includes: a ¾-yd. loader with general purpose of 4-in-1 bucket; 12½, 14 or 15-ft. backhoes; full hydraulic or semi-hydraulic dozers; heavy-duty 3-pt. hitch; drawbar; logging skid grapples; log arch and winch.

This 47-hp gasoline or 43.5 hp diesel crawler provides the compact unit advantages of all-around economy, maneuverability, low profile, excellent visibility, high ground clearance, easy transportability and many other advantages you would expect only on bigger more costly machines.

Products of A/B INTERNATIONAL HARVESTER COMPANY (SWEDEN)

S21-3 HAY TEDDER

S21-3 is a modern hay tedder which is fitted with 8 forks which kick up the hay and leave it in loose heaps on the ground. S21-3 is P.T.O. driven and built for tractors with 3-point linkage which permits an efficient and fast tedding of the hay under all conditions. The working depth is adjusted with the depth adjusting crank. The two support wheels, with which the machine is equipped, guarantee a constant working height and that all irregularities in the ground, if any, do not affect the work of the machine. The machine is light but at the same time sturdily built and it fits all tractors with P.T.O. and 3-point linkage. Working width — 12 ft.

SPECIFICATIONS:

Number of forks	8
Working width	12 ft.
Weight	225 kg

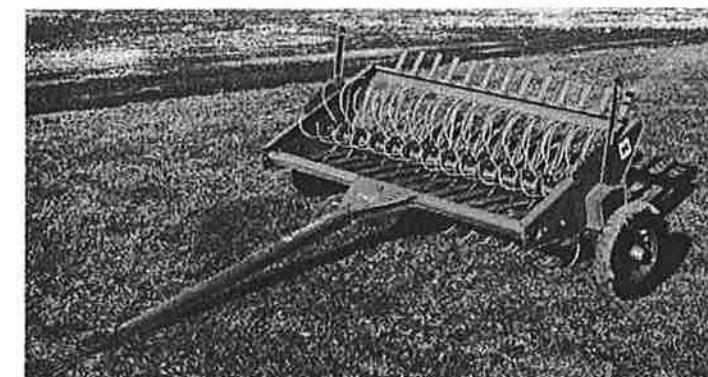


S21-2 FLUFFER

This machine is a ground-driven rotary tedder which can be driven at high speeds over the swaths. It fluffs the hay and turns it over to shorten drying time. The reel rotates in the same direction as the wheels but at a lower speed. The working height is adjustable by means of hand levers.

The fluffer can be hitched singly behind a mower or tractor.

For subsequent tedding operations a 3-machine hitch attachment is available to give a total working width of 3 swaths. The outriggers can be adjusted in length to make the triple machine fit 5' or 6' swaths. For transport the 3 sections can be hitched one behind the other.



24-1 FRONT END LOADER

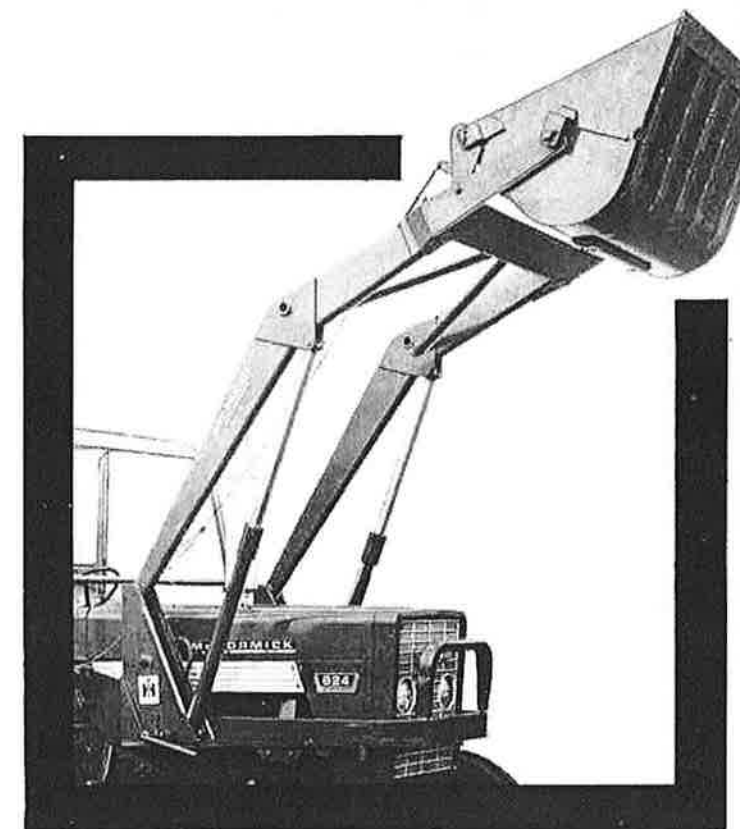
The 24-1 front loader is a sturdy agricultural loader which can be easily and quickly attached or detached as required. All connections are of the quick attachable type, including the oil pipe. When the loader is detached only the brackets and a special oil pipe remain in place on the tractor.

The angle of the buckets is adjustable in three positions to provide differing penetration angles for the tools and to compensate for various tire sizes.

The 24-1 loader can be obtained with or without parallel lift. The buckets are the same in either case.

An eccentric locking arrangement makes the fitting of the loader an easy matter. The buckets also have a patented quick pick-up feature. All this makes the attaching and detaching of the load an easy, one-man job. The buckets are tripped mechanically and, in most cases, they return to working position afterwards. The loader can also be fitted with hydraulic bucket control.

The loader will fit most of the popular tractors on the market.





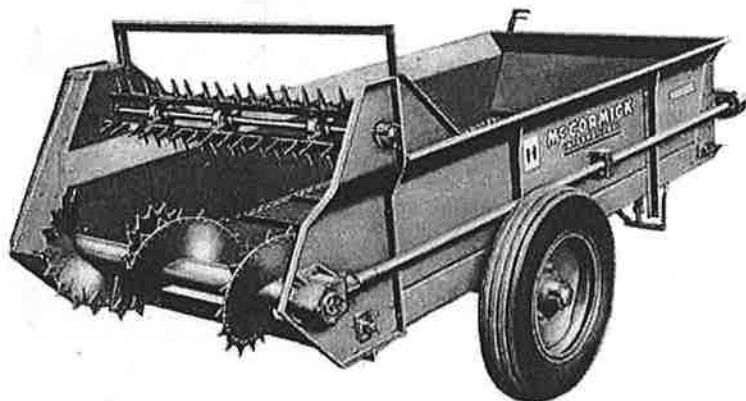
6-8 GRAIN DRILL

6-8 is a new 3-point linkage grain drill which is common to the 6-5 drill with 21 furrow openers. The capacity of 6-8 is, however, increased. It has 25 furrow openers and the row spacing is 12,5 cm. The working width is 3,12 meters or 10 ft. 3 in. The row can be converted to 50 cm spacing when drilling row crops but utilizing the rear rank of furrow openers only. The 6-8 has a feed system of speed feed type. The gear box gives a total of 48 speeds. Shoe, hoe and double disc furrow openers are available. The hopper capacity is 470 liters. The main wheels dimension are 5.90-13" and the weight with shoe type furrow openers is 481 kg.

S-125A MANURE SPREADER

The S-125A Manure Spreader handles any livestock manure regardless of its condition — fresh or old — matted or solidly packed — mixed with short or long straw, sawdust, or any other bedding material. Its large capacity, 125 bushels, cuts number of trips to the field, saving your time, tractor fuel and maintenance. The S-125A is built for rough field work and rugged power loading operations.

- Uniform spreading with power take-off drive, regardless of terrain or field conditions.
- Easy loading. Low hopper with flared sides.
- Shielded drive mechanism for safety and long life.
- Three feeding rates give wide spreading rate range.
- Full protection, with ratchet-type slip clutch, against overloading or damage from foreign objects.
- Built for rugged use and performance. The spreader is fitted with SKF ball and roller bearings.



S-200 MANURE SPREADER

(NOT ILLUSTRATED)

The S-200 tractor spreader holds 65 bushels, enough to handle the day-to-day hauling from herds larger than 15 head, or the equivalent in other livestock. It is a two-wheel, ground driven trailer-type machine, sturdily built throughout. It is geared for fast tractor use.

A rigid, reinforced box with all-steel sides takes the punishment of loading with power loaders. It is built low — only 37 inches to top of the box — for easy loading.

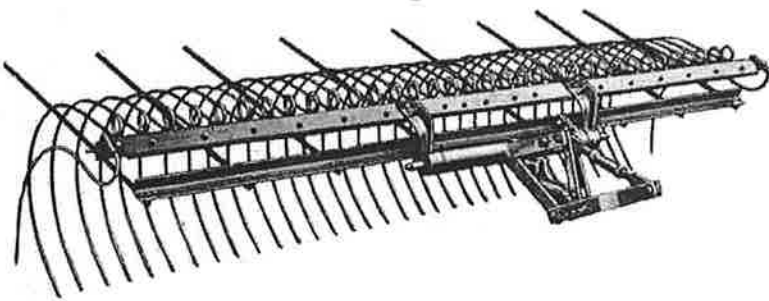
- Five apron speeds spread from 5 to 25 loads per acre.
- Easy-running, long-life, roller chain main drive.
- Shredding-spinning action for even spreading.
- Weight balanced for proper traction.

S-103 RA DUMP RAKE

Light, but sturdy in construction, the S-103 RA 3-point linkage Dump Rake will give a lifetime of service. It has no complicated gears or springs. It is raised and lowered by the tractor's hydraulic lift. The working height is easily set by means of adjustable links. Fits all makes of tractors.

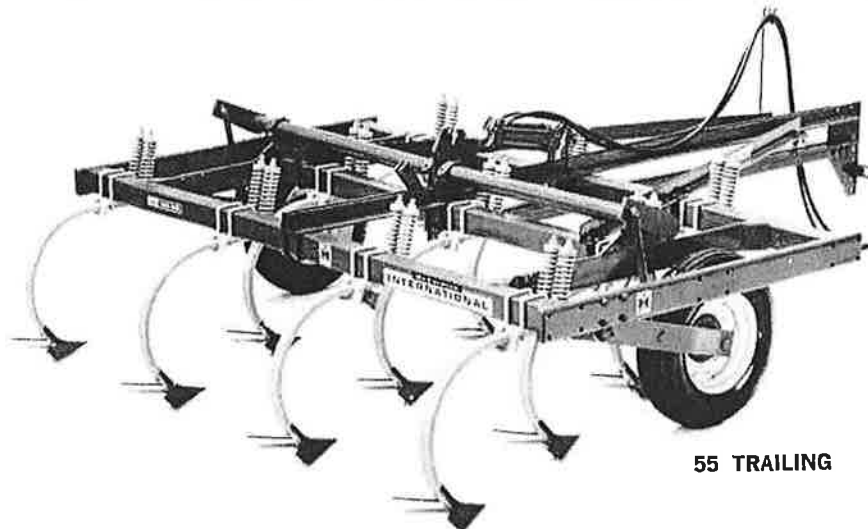
SPECIFICATIONS:

Width	10 Ft. (305 cms.)
No. of teeth	34
Weight	282 lb. (128 Kgs.)



INTERNATIONAL 55 CHISEL PLOWS

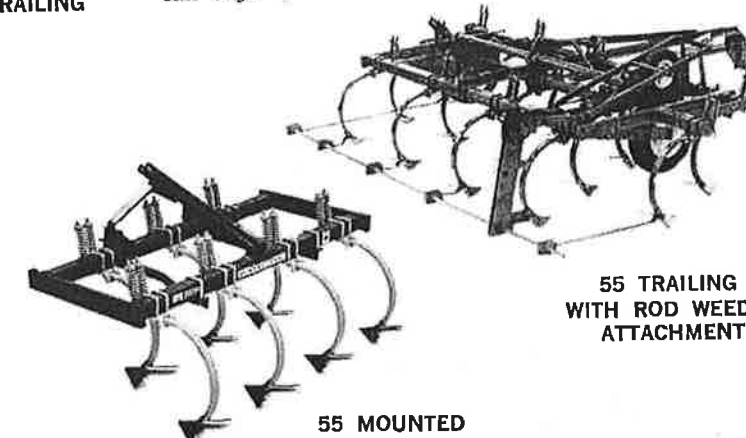
With working widths ranging from 7 feet to 29 feet, the 55 has found a place on big, medium and small-size farms and ranches everywhere. It is an exceptionally powerful, tough-tillage tool. Rocking action of patented International spring-cushion clamps lets springs and allow steel shanks flex continuously — works even rocky soils with persistent, aggressive vibration and uniform penetration. There are no pins to wear or fittings to grease. Dual cadmium-plated U-bolts make positioning shanks in "V" or parallel a simple job. Each shank can clear 9-inch high obstructions and swing back into position. 30-inch spacing, 25-inch ground-to-frame spacing provide trash clearance. All these features and more, make the 55 Chisel plow the most dependable you can buy.



55 TRAILING

55 TRAILING—REGULAR AND HIGH CLEARANCE

Hitch is long and narrow for easy turning. Husky box section steel beams, exceptional trash handling ability, exclusive flip-over, rear mounted axles. High-clearance model available in 13-ft. size with extensions for 15- and 17-ft. working widths. Regular 7-ft. size extends to 9- or 11-ft. 10-ft. size extends to 12- or 14-ft. 13-ft. size extends to 15- or 17-ft.



55 MOUNTED

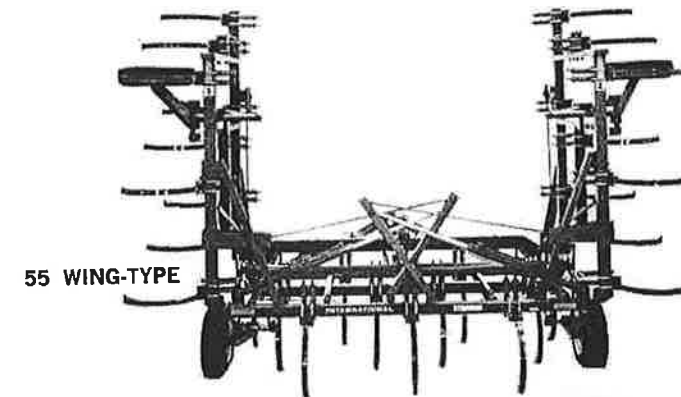
55 TRAILING WITH ROD WEEDER ATTACHMENT

55 MOUNTED CHISEL PLOW

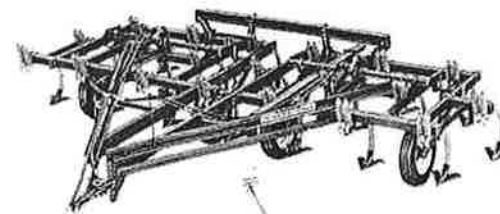
As maneuverable as your tractor! In hard, rocky soil, chemical resistant weeds or deep roots, steep land turns, rough tillage, the 55 makes "on-a-dime" turns. A two-rank plow, its basic 7-foot width can be expanded to 9 or 11 feet; basic 11-foot width can be expanded to 13 or 15 feet. Category 2, 3 pt. hitch. Quick-coupler, 3 pt. hitch and 2 pt. hitch available.

55 WING-TYPE CHISEL PLOW

Move in and out of fields fast. Hitch arms and cross members are brawny structural tubing. Rockshaft is 4-inch diameter steel tube. Axles are rear-mounted. Wings attach at main frame at widely separated points. For single or dual valve tractor hydraulics. Basic 22-ft. model extends to 24- and 26-ft. 25-ft. model extends to 27- and 29-ft.



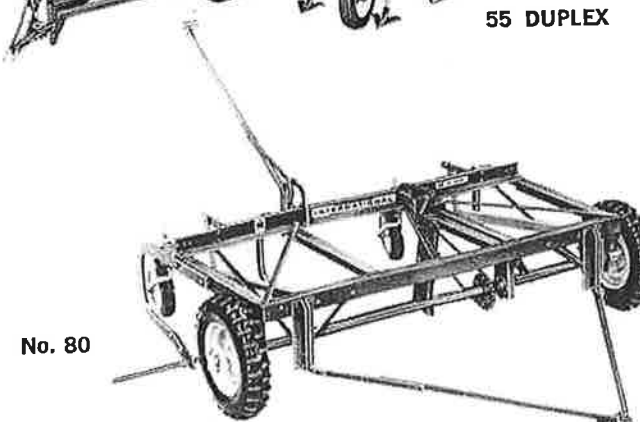
55 WING-TYPE



55 DUPLEX

55 DUPLEX—REGULAR AND HIGH CLEARANCE

Best-possible flotation, unmatched flexibility, accurate depth control, unusually low draft, and uniform cut are important features when chiseling contoured fields. With unique and exclusive stabilizer bar, the 55 Duplex never humps; each plow functions independently without disturbing wheels or working depth of the other. Weight is equally distributed across all four wheels. 16-ft. model extends to 18- and 20-ft. 22-ft. extends to 24- and 26-ft.



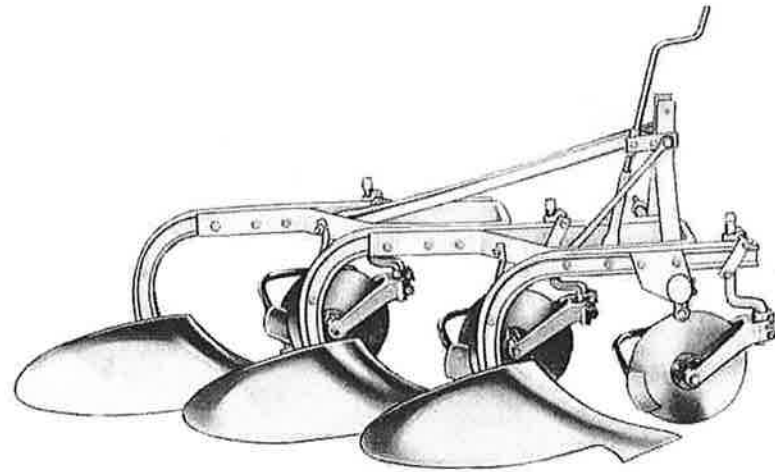
No. 80

No. 80 ROD WEEDER

Built for difficult rodding jobs, the No. 80 has gooseneck shanks, choice of three boot noses, quick-penetrating shank points, two-chain drive, heavy-duty rod bearings, triple-lip sealed ball bearings, steel wheels, extra-long lift lever. 10 1/2, 12 and 14-ft. sizes; single, duplex, triplex hitches.

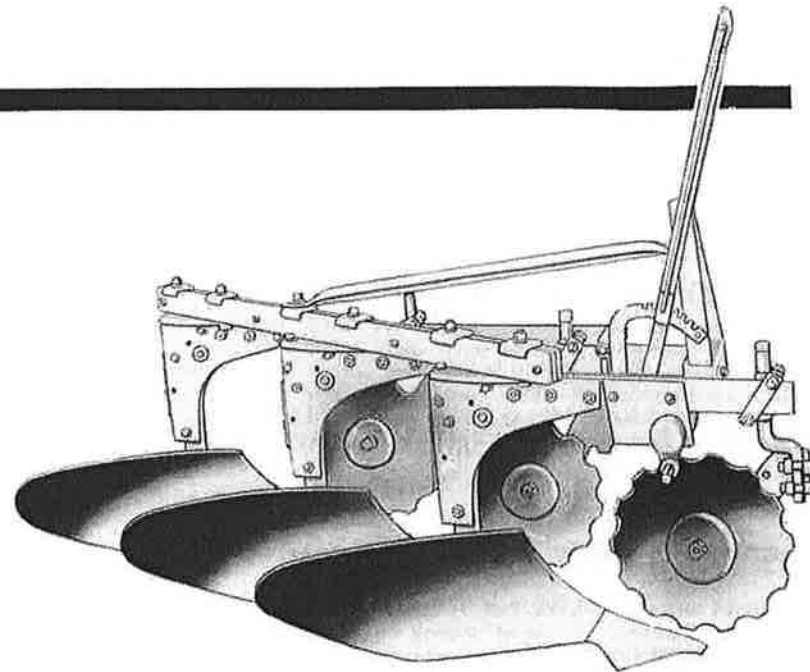
C-25 and C-35 2 OR 3-BOTTOM MOUNTED PLOWS

Rugged 2-in. x 2 $\frac{3}{4}$ -in. heat-treated plow beams are rigidly held together with 1-in. x 2 $\frac{3}{4}$ -in. steel cross braces. An easily operated adjusting screw, located within convenient reach of the operator, provides lateral adjustment. Top link is adjustable to provide fore and aft adjustments of the plow bottoms, thus altering draft. Category 1, 3-pt. hitch or Fast-Hitch. Average plowing depth: 5 $\frac{1}{2}$ to 6 inches. Ground clearance: 22-inches. Yoke type 15-in. plain coulterers are standard. Others available.



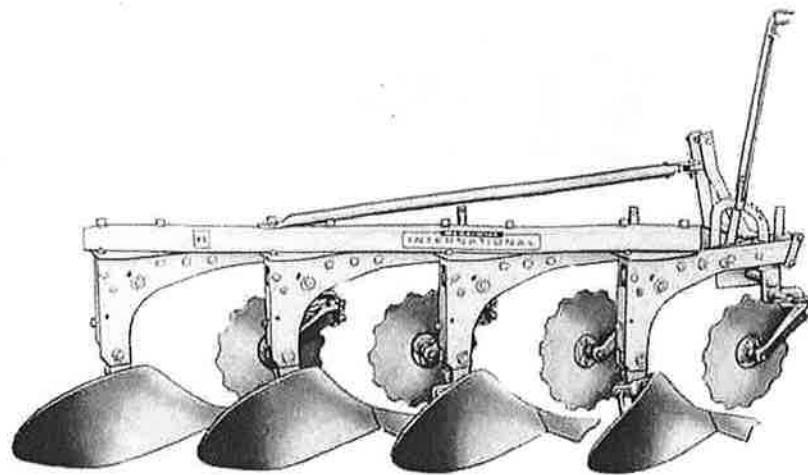
26 and 36 2 OR 3-BOTTOM MOUNTED PLOWS

On 3-pt. hitch plows the angle of suck is controlled by the top link; on Fast-Hitch plows an adjustable shim changes the angle. Double bar "backbone" gives the most strength for the least weight. Trip beams assure protection from rocks and stumps. Straightener lever corrects hillside draft. Beam spacing adjustable to cut 10, 11, 12 or 14-inch furrows. Plain yoke-type 16-inch coulterers standard. Others available.



46 4-FURROW MOUNTED PLOWS

Similar to the 26 and 36 plows, the beam spacing is quickly adjustable to 11, 12 or 14-inch furrows. Rugged mast construction carries added weight and pull of four bottoms. Easily converted to 3-furrow size when desired. The 46 is basically designed for Category 2, 3-pt. hitch but may be used on Category 1, 3-pt. Vertical clearance is 27-inches to handle heavy trash, coupled with a 21-inch fore and aft clearance. Plain yoke-type 16-inch coulterers standard. Others available.

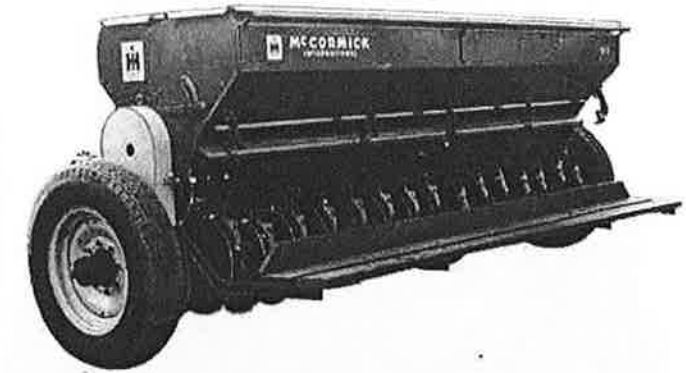


MCCORMICK INTERNATIONAL S6-6 GRAIN AND FERTILIZER DRILL

The S6-6 . . . a 15-row Grain and Fertilizer Drill designed for the specific requirements of the farmer. The capacity of the grain and fertilizing hoppers are so related that you stop fewer times to refill — turning filling time into drilling time. The S6-6 handles with ease all types of seeds, from the smallest . . . up to peas and most varieties of beans, and gives perfect placing of both seed and fertilizer. Fertilizer can be put down with the seed, or in a 2-inch strip after the seed has been covered with soil. The latter ensures good fertilizer availability for plant growth over a long period. The new design fertilizer metering avoids wastage and scorching. The S6-6 is a low profile, good looking, practical machine.

FEATURES:

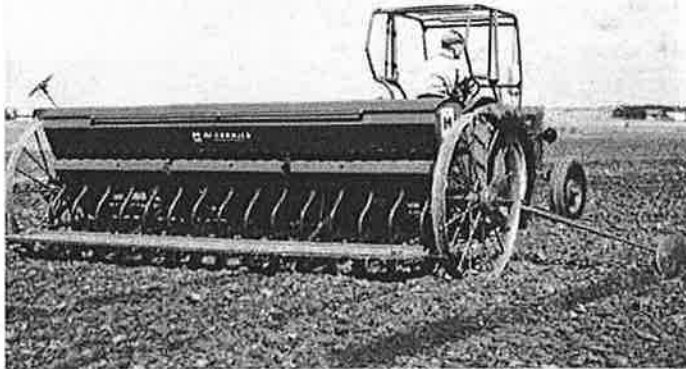
- Adjustable, fully automatic markers. The markers automatically raise and lower when the tractor turns at the headland, and leave well-defined marks.
- Wheel equipment. Pneumatics (6.50 x 16) with mud scrapers are supplied as standard for lighter draft, less vibration and faster road speeds.
- Adjustable hitch. The height can be altered to a variety of positions to suit varying tractor drawbar heights.
- Track breakers. Spring-tine track breakers, adjustable for penetration, avoid panning from the tractor wheels and ensure more consistent drilling. They automatically come out of work when the machine is tripped, eliminating possible damage when turning.
- Drawbar jack. A practical, sturdy jack for supporting the drawbar and facilitates easy hitching in the field.



S6-3 GRAIN DRILL

S6-3 is a grain drill with a working width of 11 feet 10 inches especially designed for the larger and medium size farms. It has an exceptionally strong welded frame made of two horizontal tubes running along the entire width of the machine and steel plates which carry the hopper. The draw frame is two U-shaped sheet steel beams attached to the two inner frame plates and it can be folded to a vertical position for storing. A ball hitch provides a shake-free connection to the tractor. The wheels are made of high quality steel with 5" rims. The large hopper can hold 15 bushels (530 litre) and has two observation windows for easy checking.

- Large hopper — capacity 15 bushels
- Sack carrier for easy loading
- Automatic shifting of disc markers
- High operating speed
- Track breakers adjustable by crank



6-5 GRAIN DRILL

6-5 is the model designation for the 3-point linkage Grain Drill with high capacity giving rapid and accurate sowing. The drill can be used with both category I and II hitches.

The machine built around a central tube combined with a large capacity special profile grain hopper gives rugged construction throughout. The machine has been given a very low profile for greatest drilling convenience.

6-5 with 21 furrow openers 4-15/16" (12,5 cm) row spacing and 8 ft. 7 in. (2,625 m) working width. 6-5 is equipped with two top link connections, the left one is used for sowing in rows with 6 furrow openers giving 19-11/16" (50 cm) row spacing. Large hopper, 11.1 bushels (395 L) for long intervals between the fillings. The four emptying trays are used both for testing and as shields for the feed mechanism. Speed feed seeding system with 48 gears enough for both common grain as well as special seed.



6-7 GRAIN DRILL

6-7 is the model designation for the 3-point linkage Grain Drill with high capacity giving rapid and accurate sowing. The drill can be used with both category I and II hitches.

The machine built around a central tube combined with a large capacity special profile grain hopper gives rugged construction throughout. The machine has been given a very low profile for greatest drilling convenience.

6-7 is a 6 ft. 11 in. (2,125 m) machine with 17 furrow openers and 4-15/16" (12,5 cm) row spacing. Fluted feed type seeding system. Feed wheels and cups are made of plastic.



SWEDEN SECTION — PAGE INDEX

Products of A/B INTERNATIONAL HARVESTER COMPANY (SWEDEN)

PAGE	ITEM	PAGE	ITEM
62	PLOWS S4-1, S4-2 MOWERS	64	6-8 GRAIN DRILL S-125 A MANURE SPREADER S-200 MANURE SPREADER S-103 RA DUMP RAKE
63	S6-6 GRAIN AND FERTILIZER DRILL S6-3 GRAIN DRILL 6-5 GRAIN DRILL 6-7 GRAIN DRILL	65	S21-3 HAY TEDDER S21-2 FLUFFER 24-1 FRONT END LOADER

MCCORMICK INTERNATIONAL PLOWS

The new plows have many features in common. The most outstanding are the welded diagonal frames on to which the beams, trip units, coulter, headstocks are fitted. The frame design has extremely clean lines and permits a wide choice of equipment and settings.

The 2 and 3 furrow models can be enlarged to 3 and 4 furrow sizes by the addition of extensions to the frames. In this way, it is possible to increase the size of your plow to suit a larger tractor. The simplicity with which the extensions can be fitted or removed make adaptations of the plow size to varying soil conditions quite easy. The plow bottoms are moved easily laterally to give settings of 12", 13" or 14". The fore and aft clearance increases with the furrow spacing.

It is possible to have your IH plow equipped with rigid beams or with trip beams of two kinds: a semi-automatic return trip beam or a fully automatic return trip. There is also a choice of headstock and headstock braces; plow bottoms with whole shares or with reversible points; with or without depth wheel.

With the exception of pin diameter, category I or II, the cross shaft is the same for all models and sizes. The cross shaft is in two parts, and is adjustable in length to give the correct width of first furrow with tractors of different track widths.

SPECIFICATIONS

With rigid beams:	1-24	2 furrow	1-34	3 furrow	1-44	4 furrow
With semi-automatic return trip beams:	1-25	2 furrow	1-35	3 furrow	1-45	4 furrow
With fully automatic return trip beams:	1-26	2 furrow	1-36	3 furrow	1-46	4 furrow

HEADSTOCKS: Reversible headstock, asymmetrical. Two top link positions for both category I and II. Fully adjustable headstock. Top link attaching point adjustable laterally. Three vertical positions for both category I and II.

BRACES: Rigid brace, Adjustable brace, Collapsible brace (Only recommended for 2-bottom rigid beam plow).

CROSS SHAFT: Straight, two-piece, adjustable, category I or II hitch pins.

DEPTH WHEEL: Depth wheel with hand crank for depth adjustment.

ROLLING COULTERS AND JOINTERS: 15" rolling coulters, fork type. Plain or notched blades 17" rolling counter, single arm type. Smooth blade. Combination type jointer. Jointer mounted separately.

PLOW BOTTOMS: SNA with long, screw formed mouldboard, 12" or 14" sizes.

SHARES: Whole share. Separate share with reversible point.

FRAME EXTENSIONS: Frame extensions complete with plow bottom.

DIMENSIONS: Fore and aft clearance: 12" frame setting: 65 cm 25,6 ins

13" frame setting: 71 cm 28,0 ins

14" frame setting: 76 cm 29,9 ins

Under beam clearance: 24 ins

MCCORMICK INTERNATIONAL S4-1 AND S4-2 TRACTOR MOWERS

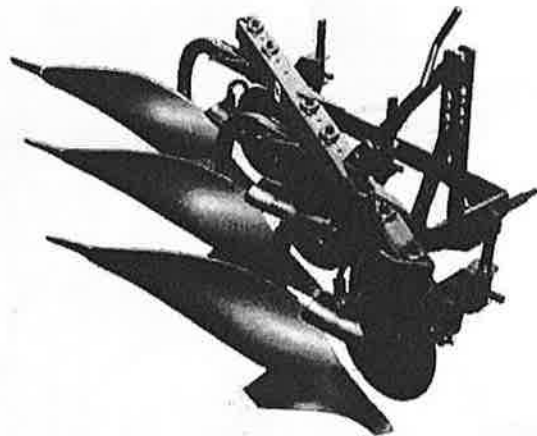
The S4-1 and S4-2 tractor mowers are universal three point linkage tractor mowers. The difference between these machines is that S4-1 has a flywheel speed of 840 rpm and S4-2 1000 rpm.

The main frame is tubular and flat steel welded construction. The coupling bar and drive housings are pivotally connected to brackets welded to the main frame tube. The hitch pins for the three point linkage arms are adjustable for height, fore and aft movement and for both category I and II.

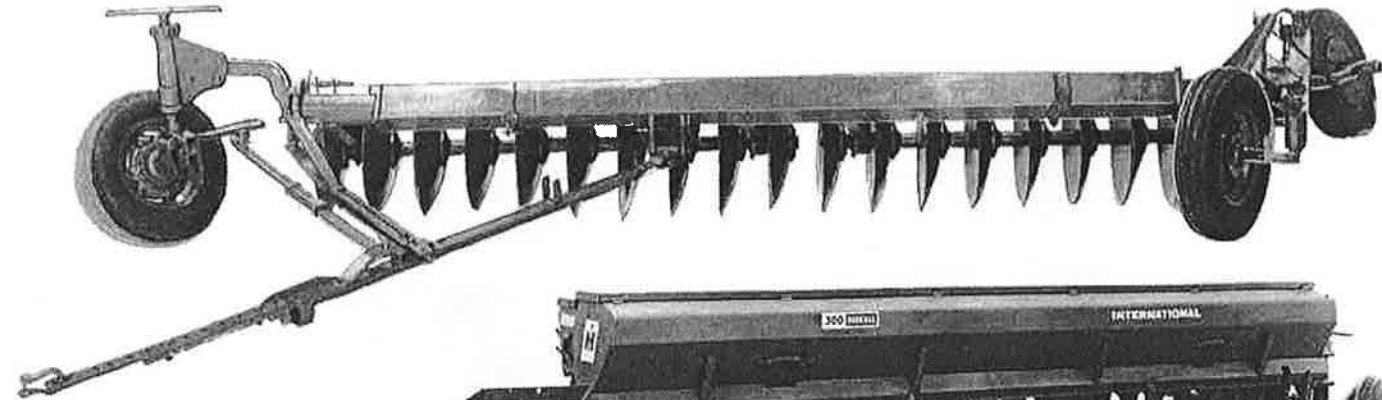
No special hitch parts are required to connect the S4-1 to tractors with standardized three point linkage systems and power take-off.

An automatic safety break-away feature is provided to protect the mower should the cutter bar strike an obstacle. The cutter bar swings back while the tractor is being stopped.

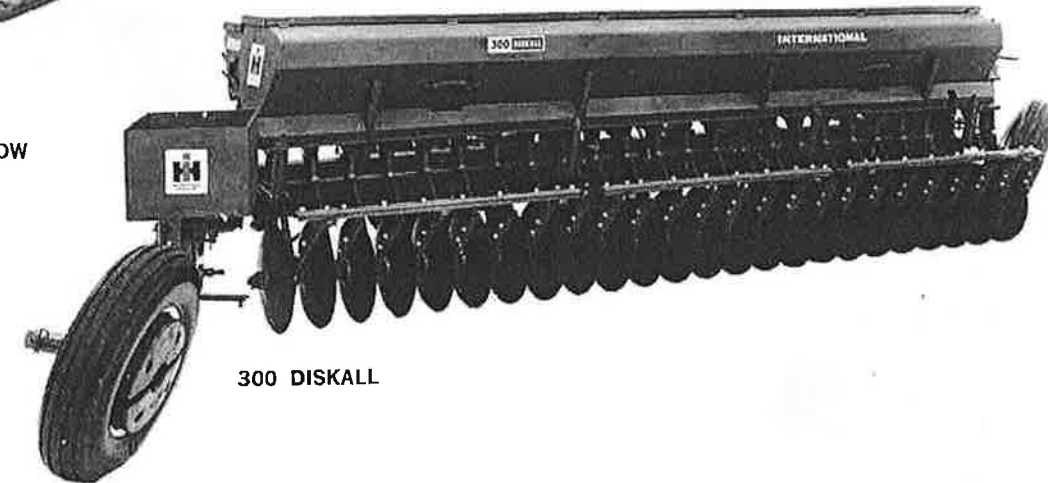
Cutter bar equipment available: McCormick type regular cutter bar; Norrkoping type regular cutter bar.



Products of INTERNATIONAL HARVESTER COMPANY OF CANADA, LTD.



No. 120 RIGID ONE-WAY PLOW



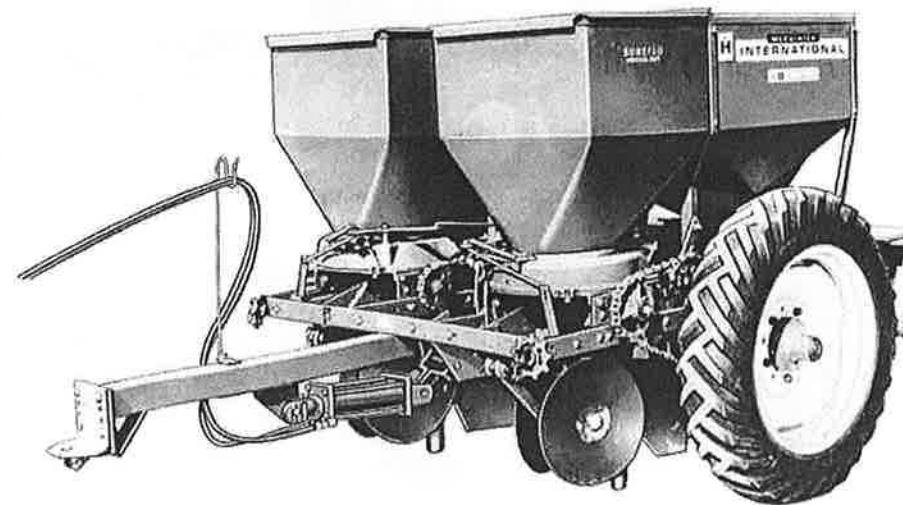
300 DISKALL

No. 120 RIGID ONE-WAY PLOW

Designed for heavy plowing in rough, hard soil conditions where stones and hilly land are not a problem, the new 120 offers a choice of six widths from 6'9" to 19'6". Discs spaced at 9-in. are mounted on a 1 1/4-in. round arbor bolt attached to the main frame. Disc gang is raised or lowered by frame rotation with standard hand or optional hydraulic lift attachment. Simple screw adjustment levels front of machine. Wide range of cutting angle settings. Low hitch point for light draft and even plowing. 24-in. discs standard; 22-in. and 26-in. discs available.

INTERNATIONAL 300 DISKALL

Disc, seed and fertilize with one machine. Rugged, clean design and unmatched flexibility are the sum of these features: Choice of single machine or duplex hook-ups; rubber "shock absorber" gang suspension; ball-and-socket gang connections; rear furrow wheel return spring; precision seeding accuracy; single or double curvature disc blades; big capacity seed and fertilizer hoppers; dual link steering; instant high transport; 9.50 x 14 6-ply tires for maximum flotation. The 300 assures you of positive penetration and well-prepared seed beds under almost all field conditions.



Nos. 25 and 45 POTATO PLANTERS

These two and four-row potato planters are easily operated and hydraulically controlled. Designed for high speed planting, on the level, in furrows, or on beds, they are made up of planting unit, ground unit and fertilizer unit. The 45 four-row planter can be used with any tractor that has a hydraulic system. It plants in rows from 34 to 38 inches apart. The 25 two-row planter plants in rows 32 to 42 inches apart. Seed hoppers hold 7 1/2 bushels and fertilizer hopper holds 450 pounds. Adjustable wheel tread and lateral adjustment are just a few of the many features found on both these planters.

101-75

MANURE SPREADERS

These two spreaders having capacities of 100 and 75 bushels are ideally suited to the needs of farms with small herds and for chicken or pig operations where manure volume is not great. Low wide box is easy to load, widens toward rear for easier unloading. Thick plywood is used in sides and bottom. 14-gauge steel front. Choice of paddle-type or spiral widespread. Beaters have U-shaped double-riveted high-carbon teeth, tapered for self-cleaning. Drive declutch mechanism provides for fast transport speeds.

175, 155 and 130 SINGLE-BEATER PTO MODEL

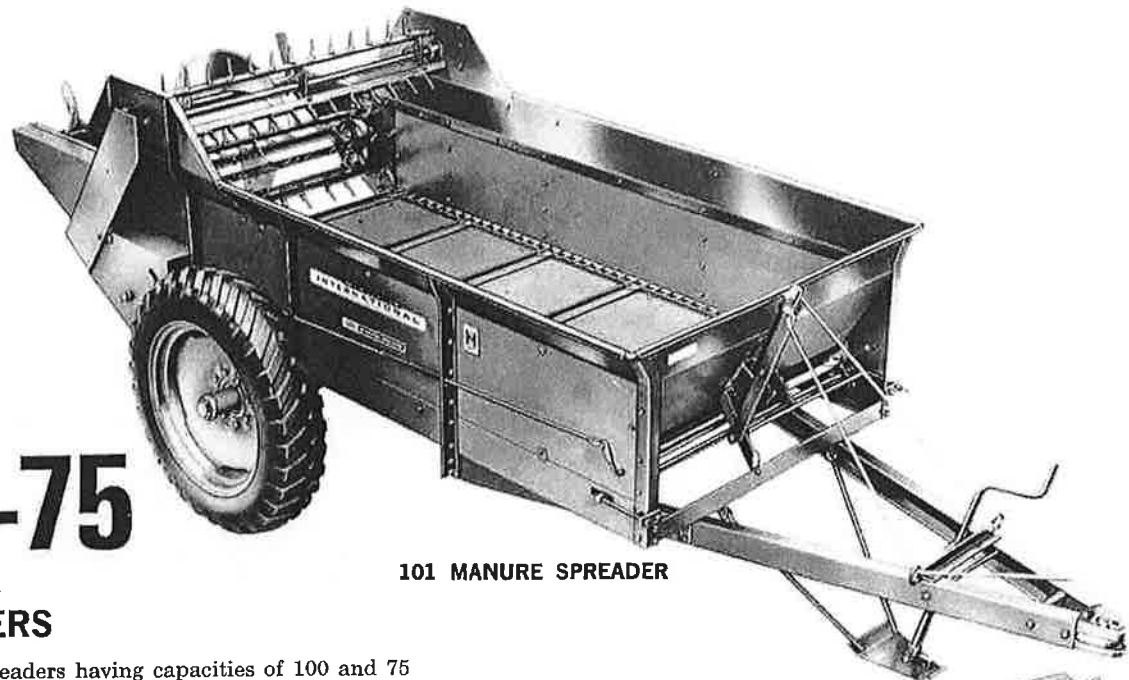
Big 175-bushel capacity meets needs of big feeders and large herds. 155-bushel capacity is for medium size herds. 130-bushel capacity is ideally suited for small to medium family farm. Dynamically-balanced, replaceable "bear claw" paddles; four-speed apron with fast clean-out speed; extra strong apron chain; and reinforced box offer more uniform spreading and shredding for extra long life.

275 TANDEM-WHEEL PULL-TYPE SPREADER

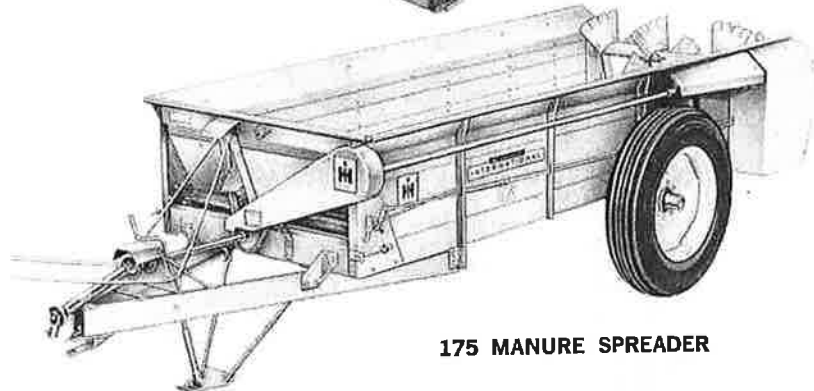
275-bushel capacity for large dairy herd and big feeder operations. Bogie axle arrangement of tandem wheels floats loads over bumps and ditches with minimum tipping. Rigid channel frame with sturdy connecting torsion member supports each side of box for dependable endurance. Powerful smooth-running drives, "bear claw" beaters. 540 PTO speed is standard; 1000 is available.

320 TRUCK MOUNTED MANURE SPREADER

Here's 8-ton, 320-bushel capacity — a favorite of custom operators, farmers and feeders who handle large volumes of materials over long distances. Mounts on truck chassis having a minimum rear axle capacity of 15,000 pounds. PTO is sprocketed to run at 1,000 to 12,000 rpm with truck engine operating within high-torque speed. Otherwise the 320 is similar to the 275 in boxes, drives, spreading mechanism and attachments.



101 MANURE SPREADER



175 MANURE SPREADER



275 MANURE SPREADER



320 MANURE SPREADER

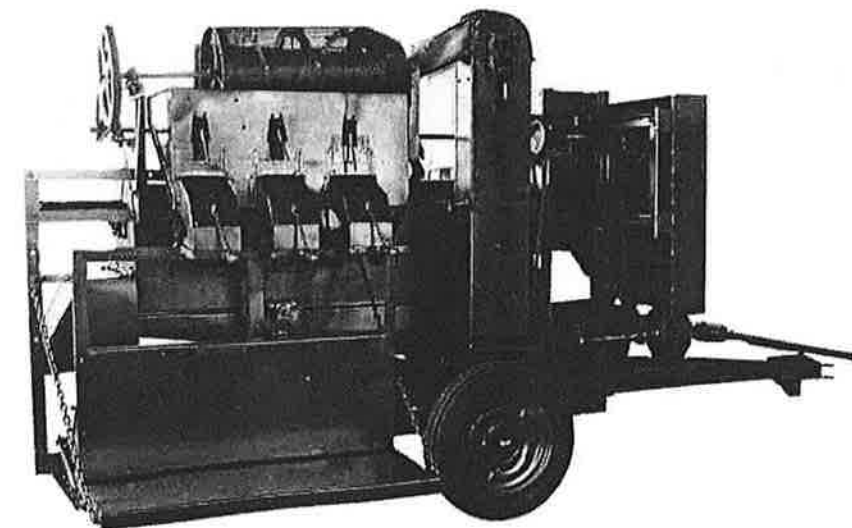
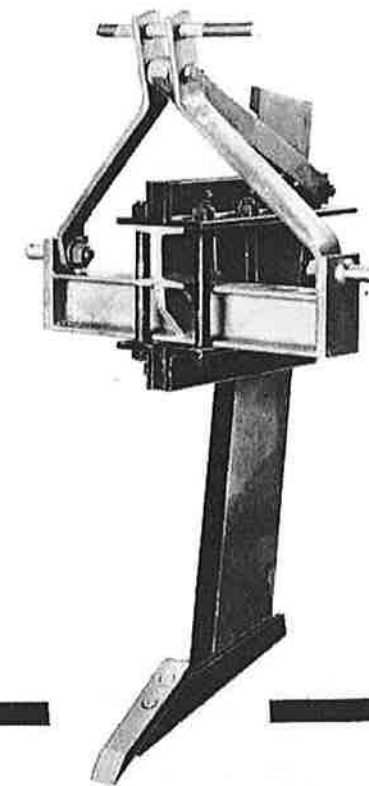
Soilmaster MOUNTED SUBSOILER

(Illustrated unit fitted with Category II pins)

Simple tough design, built to require no maintenance or repairs, other than toe caps and edges. Adjustable height, special steel blade, fitted with riveted manganese cast shoe and easily replaced high carbon toe cap. Replaceable spring steel blade edge.

SPECIFICATIONS:

Standard unit 320 lbs.



Soilmaster TRAILED THRESHER

(Illustrated standard unit showing bagging platform)

High performance, rotary drum, all steel, general thresher. Suitable as standard for maize ears unhusked, and with attachments for sunflower heads, sorghum heads, beans and peas (complete with humes), etc.

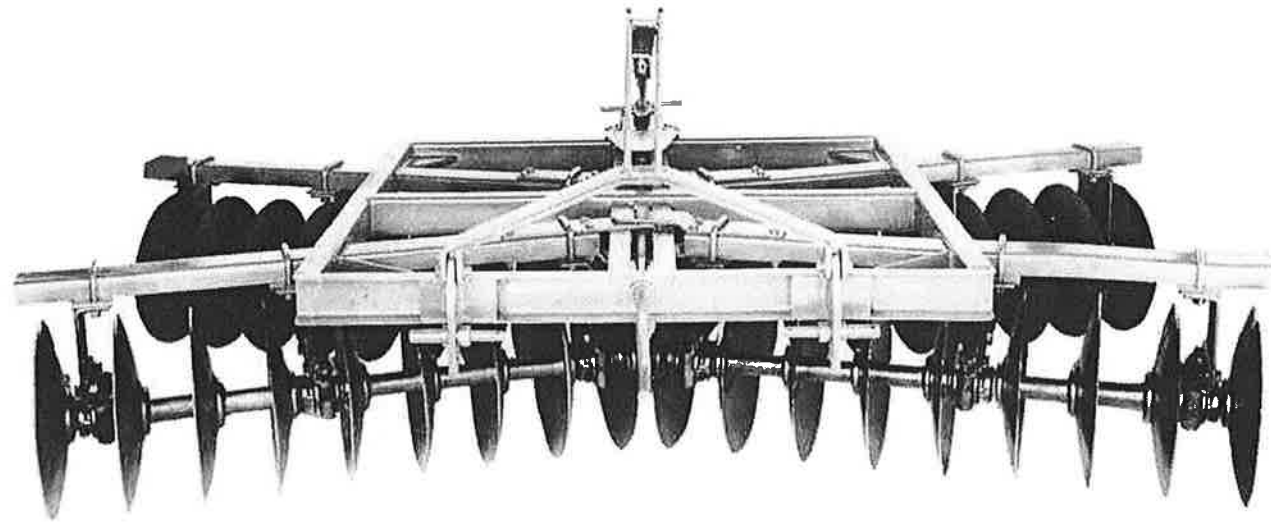
Trailed on pneumatic tires and standard 540 r.p.m. P.T.O. driven for station to station threshing. All drives are 'V' belt and mounted on life sealed ball bearings. High capacity, shaker screens and blower for first grade samples.

ATTACHMENTS:

Bulk loading auger and general crop attachments and screens.

SPECIFICATIONS:

Standard unit as for Maize 4100 lbs.



Soilmaster MOUNTED ADJUSTABLE TANDEM DISC HARROW

(Illustrated 9' 6" unit with 18" discs at 7" spacing)

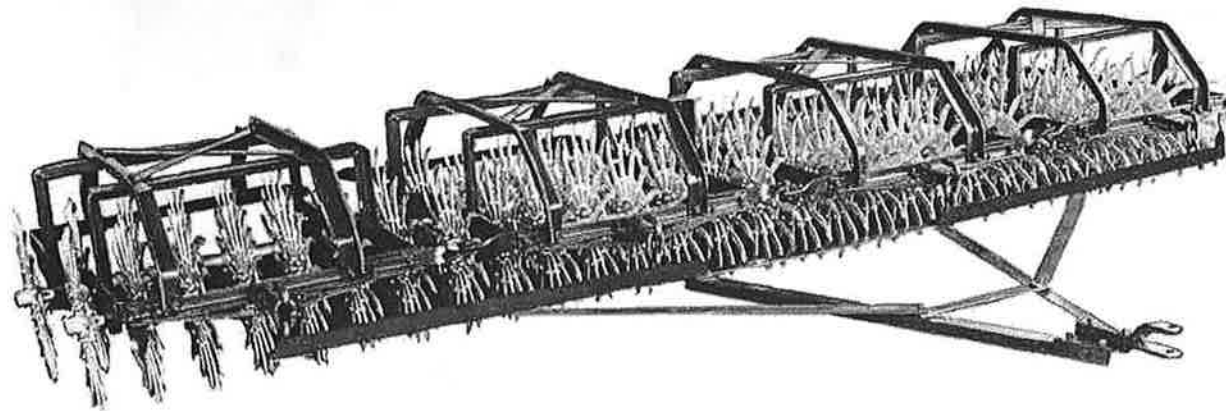
The most versatile and flexible tandem available, spring loaded shock absorbing headstock. All welded flexible channel frame with reinforced pivot points and front and rear angling cranks. Spring steel scrapers and center tooth. Triple sealed deep groove regreasable ball bearings, clamp mounted for adjustment on carrier beam. 18 or 20 inch discs at either 7" or 9" spacing.

ATTACHMENTS:

Notched discs in lieu of plain discs.

SPECIFICATIONS:

8' 0" unit on 20" disc at 9" spacing 1400 lbs.
 9' 6" unit on 20" disc at 9" spacing 1500 lbs.
 Same size units on 18" discs at 7" spacing, same price.



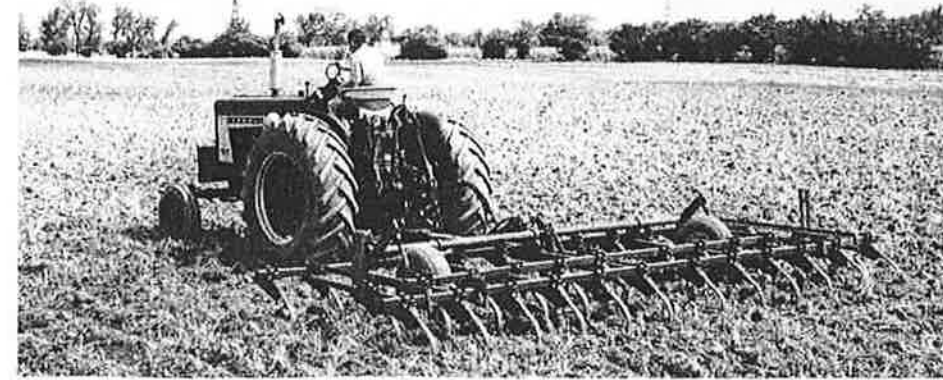
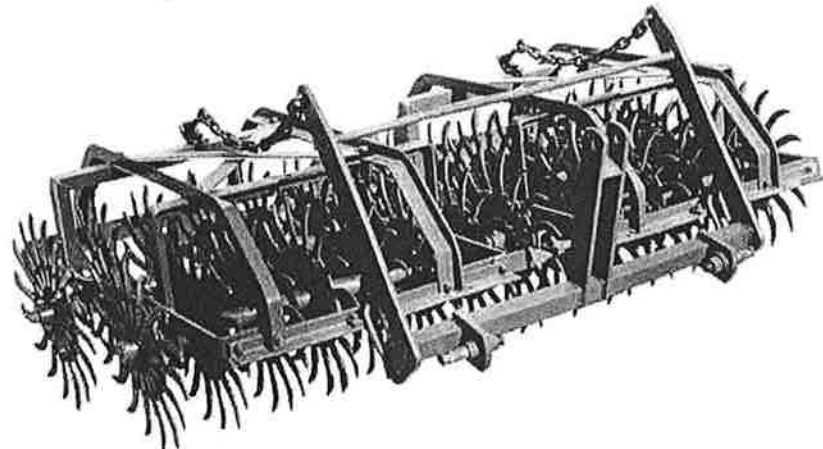
Soilmaster ROTARY CULTIVATOR — MILLIPEDE

(Illustrated 4 gang trailed unit and 2 gang mounted unit)

Standard gangs of 3 ft., 3 ft. 6 in. or 4 ft. Available to fit either mounted 2 or 3 gang tool bars and or 2, 3 or 4 gang trailed drawbars. Spring steel formed spoon teeth riveted alternately for stagger cover. Life sealed ball axle bearings for high speed, long life operation. Strong clean lined frames fitted with reversing hitch for transport or seed bed compaction.

SPECIFICATIONS:

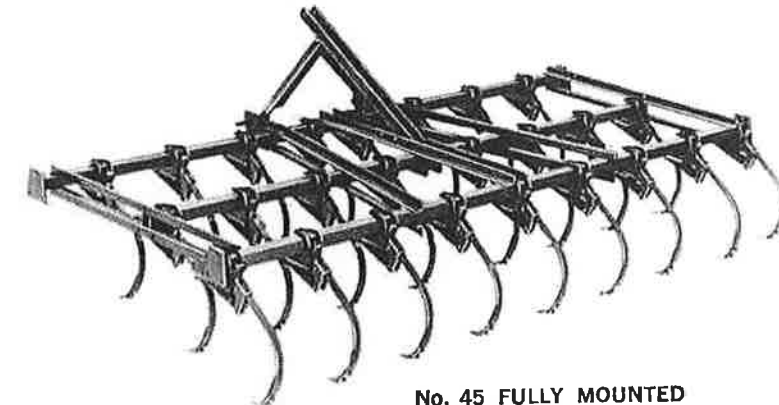
3 ft. standard gang to fit 490 lbs.
 3 ft. 6 in. standard gang to fit 540 lbs.
 4 ft. standard gang to fit 620 lbs.
 3 gang mounted toolbar 190 lbs.
 3 gang trailed drawbar 100 lbs.



45 VIBRA SHANK CULTIVATORS

No. 45 TRAILING

There is a 45 Vibra Shank Cultivator to meet your exact needs — and give more even tillage regardless of your field conditions! Mounted, trailing or wing-type — sizes from 8½ to 28½ feet — shanks that work deep and vibrate more rapidly for effective performance. The 45 is a natural for use as a minimum tillage or secondary tillage tool in preparing seed-beds, killing weeds, mixing stubble and trash with soil, renovating old alfalfa fields. The 45 features new conveniences that make adding-on, adjusting, changing shank spacing, and transporting easier than any other. Exclusive shank design of spring-loaded assemblies provides the individual freedom for each shank to maintain thorough, uniform tillage. Powerful, heavy-duty springs are tension-type which can't "bottom-out". 10½-inch clearance is twice that of other cultivators. Solid, one-piece, heat-treated shank has a replaceable wear bushing at the bolt where it rotates, providing easy, low-cost maintenance.



No. 45 FULLY MOUNTED

No. 45 FULLY-MOUNTED MODELS

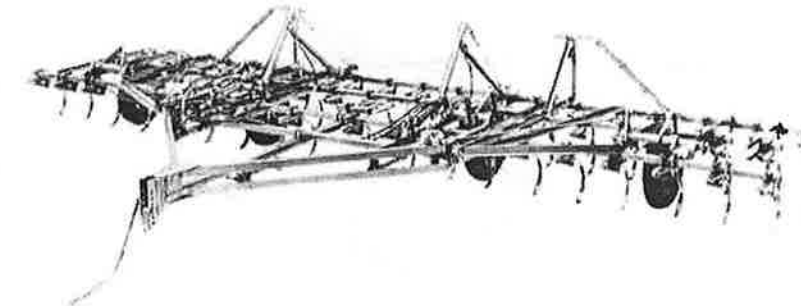
Hydraulically operated, these models have a wide range of sizes to match tractor power: Two basic sizes (8½-foot and 12½-foot) can each be added onto in one-foot increments to give sizes ranging from 8½ to 11½ feet and from 12½ up to 18½ feet. Choice of 3-point or Fast-Hitch linkage.

No. 45 TRAILING MODELS

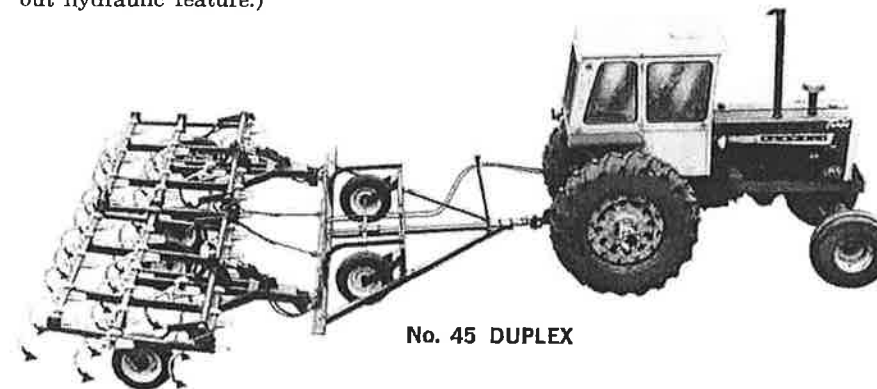
Well-balanced and easy to handle, it hooks on the tractor drawbar. Connect hydraulic hoses and you're ready to go. Wheels are single-arm mounted on tapered roller bearings. Basic size is 12½ feet. Extensions combinations build up to 18½ feet in one-foot increments. Hydraulic or hand lift controls. These cultivators are designed to do a lot of high speed work with minimum clogging.

No. 45 WING-TYPE

Construction of the wing-type model is similar to the regular trailing type, except the center carrier frame is an 11½-foot size on which two 5½-foot hinged frame wings are added to make up the basic 22½-foot size. Both stub and welded "C" frame extensions can be added to increase sizes in one-foot increments up to 28½ feet. Wings fold up hydraulically with positive lock-up to assure safe transport. (Also available without hydraulic feature.)



No. 45 WING-TYPE



No. 45 DUPLEX

45 VIBRA-SHANK CULTIVATOR DUPLEX COMBINATIONS

Duplexing the 45 with the International 101 Squadron Hitch combines contour flexibility with economical wide-strip cultivation for a fast, thorough job. For transport, one machine trails directly behind the other with guide chains securing the frame of the front machine to the squadron hitch. Rear cultivator trails freely. Castor wheels can be locked for high speeds.



No. 10 REGULAR GRAIN DRILL

Does four jobs at once: Drills grain, fertilizes, seeds legumes and seeds grasses — all at the same time with attachments. The big 1½-bushels-per-foot grain hopper plus the 53 pounds of fertilizer per foot in the fertilizer hopper, add up to less stops for refilling. Easy-to-clean hopper swings open. Neoprene grain and fertilizer delivery tubes cannot corrode. Precise seed count gives the controlled rate of seeding for the exact stand you desire.



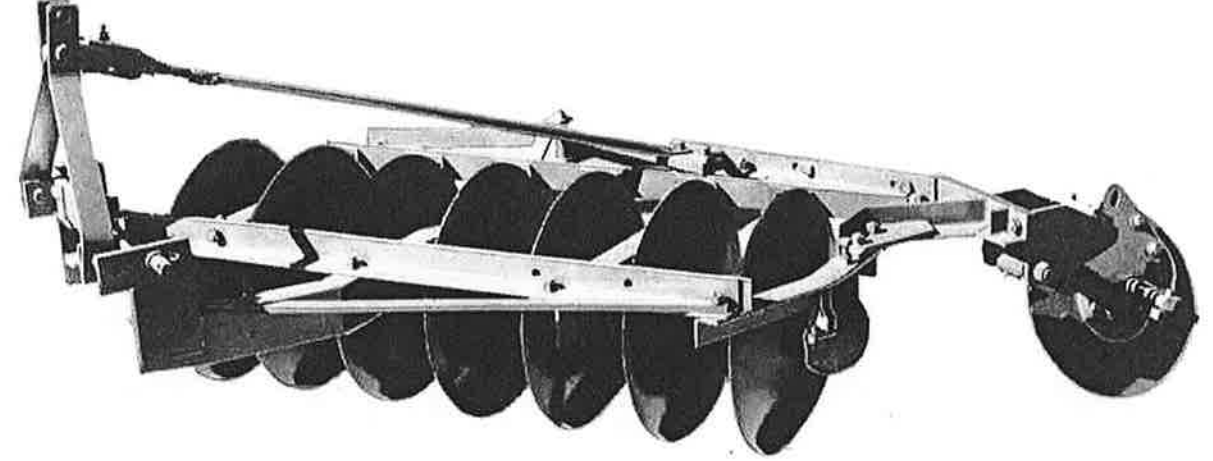
No. 10 COMBINATION GRAIN DRILL

60% more fertilizer capacity than the regular grain drill! It's a large, divided hopper with a single lid covering both seed and fertilizer compartments. Application rates are 78 to 800 pounds per acre. Precision-built feed rolls and cups are super-smooth for easy running and precision metering. Tests show uniform distribution at all rates and speeds.



No. 10 SEMI-MOUNTED GRAIN DRILL

Has all No. 10 drill features. Works with 3-point Category 1 and 2 hitch tractor or 2-point Fast-Hitch. Has no clutch, rockshaft or special lifting mechanism. Drill is raised or lowered hydraulically — stops seeding when gauge wheels come off ground. 7-ft., 7-in. drill handles like part of tractor. Holds 85-lbs. of fertilizer, 1¼ bushels of seed per foot of hopper.



Soilmaster MOUNTED ONEWAY DISC PLOW

(Illustrated 5' 3" 7 Disc unit)

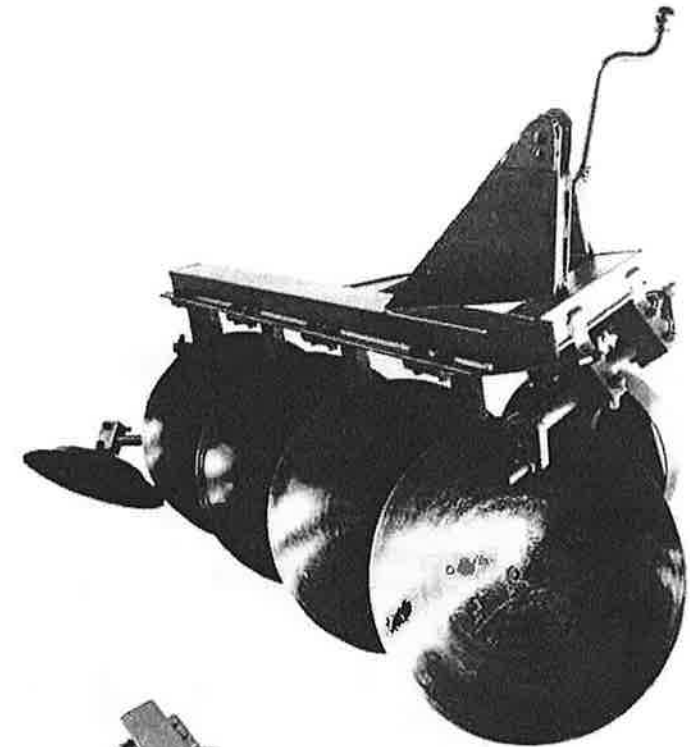
A heavy unit for extreme conditions, fitted with 24" discs at 9" spacing for deep penetration plowing, spring loaded heavy duty thrust tail wheel, running on taper roller bearings. Double sealed and regreasable patented gang bearings for high speed operation. Angle iron, all bolted frame fitted with adjustable superstructure. Category I or II three point linkage.

ATTACHMENTS:

Seed and fertilizer drill attachments with drive, hoses and hoses guides, etc.

SPECIFICATIONS:

5' 3" 7 Disc unit	1275 lbs.
6' 9" 9 Disc unit	1420 lbs.



Soilmaster MOUNTED DISC PLOWS

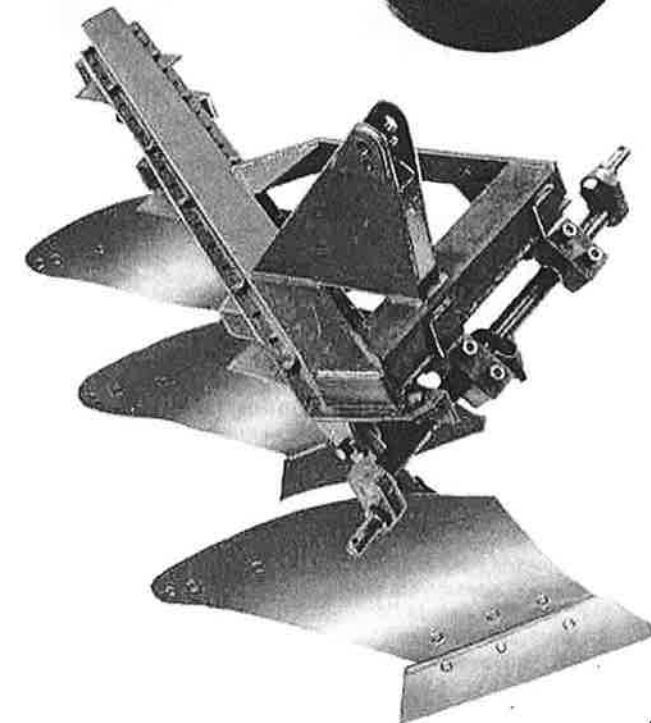
Standard design frame, of heavy duty one piece welded hat section, is used for both disc and moldboard plows. Fully sealed taper roller bearings in disc housings and tail wheel. Spring steel long or short rock shafts, dual headstock and moldboard type disc scrapers are standard.

ATTACHMENTS:

Depth control wheel. Special discs (inside bevel or notched) and extra disc attachments.

SPECIFICATIONS:

Three furrow, 26" outside bevel discs	815 lbs.
Four furrow, 26" outside bevel discs	1036 lbs.



Soilmaster MOUNTED MOLDBOARD PLOWS

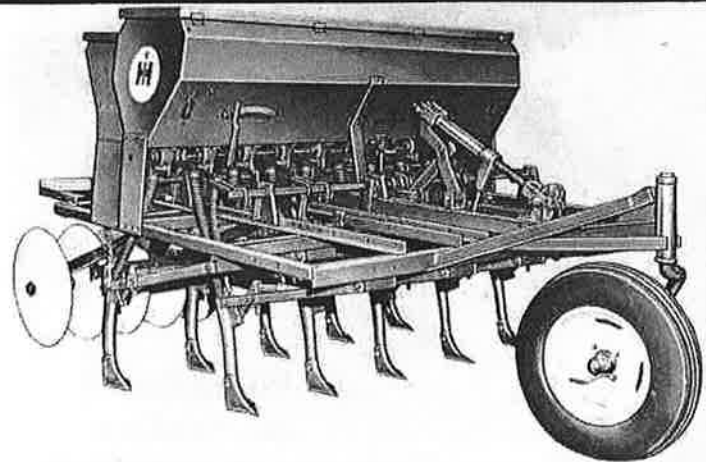
Standard design frame, of heavy duty one piece welded hat section, is used for both moldboard and disc plows. Heat treated formed hanger beams with positive angle of attack adjustment and shear pin safety mounting. Spring steel long or short rock shafts and dual headstock are standard. Three point linkage rear mounting. Various bottoms are available for different conditions.

ATTACHMENTS:

Depth control wheel, rolling coulters. Extra moldboard assemblies and complete conversion to disc plow.

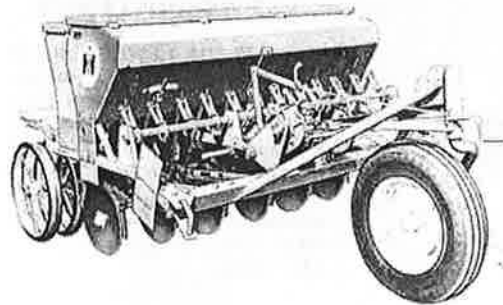
SPECIFICATIONS:

Three furrow with 14" bottoms	690 lbs.
Four furrow with 14" bottoms	860 lbs.



150 SHOVEL PRESS DRILL

Unusually efficient for seeding down to moisture through heavy trash residues. Shovel openers provide positive penetration down to 8 inches, leave trash-laced ridges that reduce erosion, and protect young plants from wind. Press wheels are available in a choice of types to fit various needs. 1¼-bushel capacity per foot grain hopper. Grass seed attachment for 20 by 8 size only.



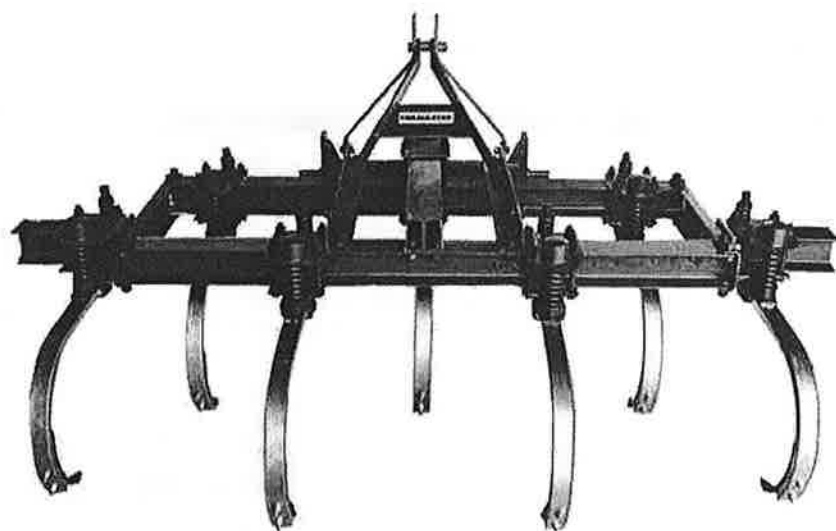
100 PRESS DRILL

Outstanding for accurately seeding a wide range of grains and grasses for uniform, full-stand germination. Extra-large hoppers hold 1½ bushels per foot — enough for 8 miles of seeding before refilling. Double disc openers, in either straight or zig-zag rank are regular equipment.

SOUTH AFRICA SECTION — PAGE INDEX

Products of INTERNATIONAL HARVESTER COMPANY (S.A.) (PTY) LTD. (SOUTH AFRICA)

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Soilmaster MOUNTED CHISEL PLOW

Heavy duty open beam all bolted construction. Double or single patented spring clamps for the hardest and toughest conditions. Staggered silico-manganese 2" x 1" heat treated shanks punched to fit a large variety of ground tools. Category I or II three point rear mounted.

ATTACHMENTS:
Steel or pneumatic depth control wheels.

SPECIFICATIONS:
Model F, 7' 6" wide, 7 shanks 715 lbs.

Soilmaster TRAILED CHISEL PLOWS

(Illustrated Model 'E' fitted with Band Fertilizer attachment)

Heavy duty open beam construction with staggered shanks at 9" spacing. Double or single patented spring clamps for the hardest and toughest conditions. Shanks are silico-manganese, 2" x 1" heat treated and suitably punched for a large variety of ground tools.

Trailed behind on 600 x 16 or 750 x 16 pneumatic tires with mechanical or hydraulic lift mechanism.

ATTACHMENTS:
Available for all sizes of this unit are Seed and Fertilizer drill attachments, Band Fertilizer attachments and Subsoiler attachment.

SPECIFICATIONS:
Model E, 7' 6" wide, 7 shanks 1400 lbs.
Model S, 9' 6" wide, 9 shanks 1655 lbs.
Model K, 11' 6" wide, 11 shanks 1990 lbs.

Products of INTERNATIONAL HARVESTER COMPANY OF CANADA, LTD.

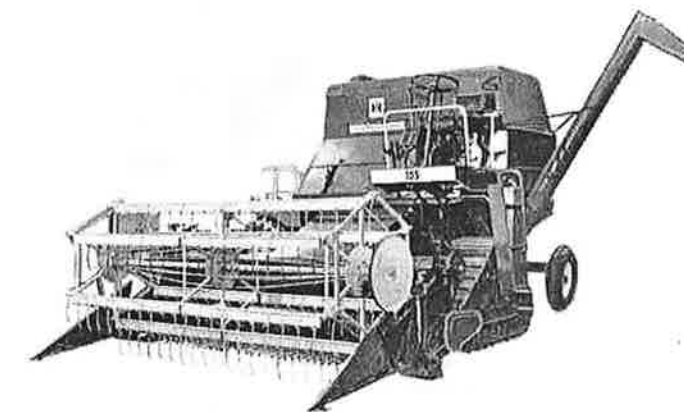
105 SELF-PROPELLED COMBINE

Here is big 42-inch threshing that handles hundred-bushel corn and other grains with ease, or a 13-foot cut without crowding. Features include: IH 55 horsepower engine; 10 $\frac{1}{4}$ or 13-foot deep-ledge platforms that cut cutterbar loss and eliminate need for sorghum and soybean extension; a 2-row corn head; fin and wire rotary straw-racks that avoid plugging, allow faster ground speeds; famous IH opposed-action cleaning; big top-driven elevators; a 47-bushel grain tank; and revolutionary, reversible 10-bar concave.



105 SELF-PROPELLED RICE COMBINE

All IH combines have the built-in versatility and ruggedness to harvest practically any crop under most conditions. Slight modifications are all that are needed. The 105 Rice Combine has same basic features as the regular 105 with modifications that better equip it for doing an extra-good job in harder-to-thresh rice. Heavy, X-braced frame is tough enough to take the twists and strains of rice harvesting. Tires have higher lugs for deeper penetration and better traction. Track equipment enables 105 to operate in fields where wheel-combines could not. Cropsaver pickup reel is engineered to do a better job in down and tangled crops. These and other features offer fast rice harvesting at minimum cost.

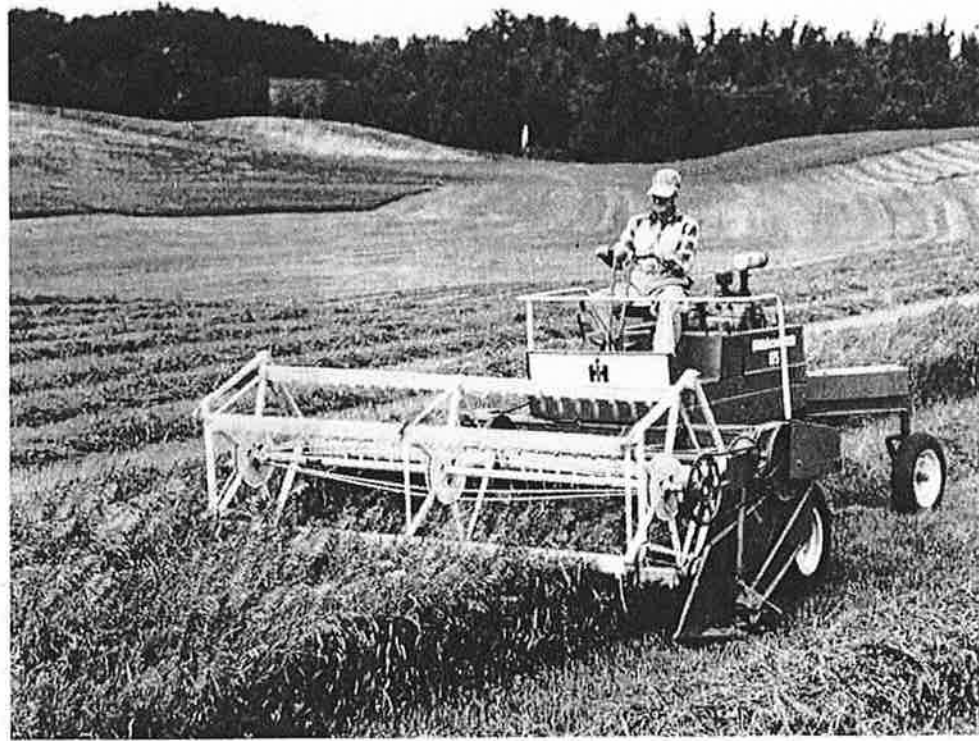


No. 1501 LOADER

The 1501 is designed to match the power of tractors in the 50-hp class. It has a working capacity of 1700 pounds with up to 2400-lb. breakaway, and full 7-ft. reach. Boom dismounts quickly. Choice of mechanical or hydraulic dump including 2-spool valve. Material, manure or snow buckets available as well as No. 400 blade attachment.



175 WINDROWER — HAY CROPS



A specialized 10½-foot hay machine with the power and cutting capacity to handle the most difficult crops. Use in tough Reed Canary Grass, Alfalfa or any hay crop. It has the traction, power and capacity to travel steep, grass-slick hills and can also be used effectively in grain by raising the hay conditioner. Roomy platform, convenient controls,

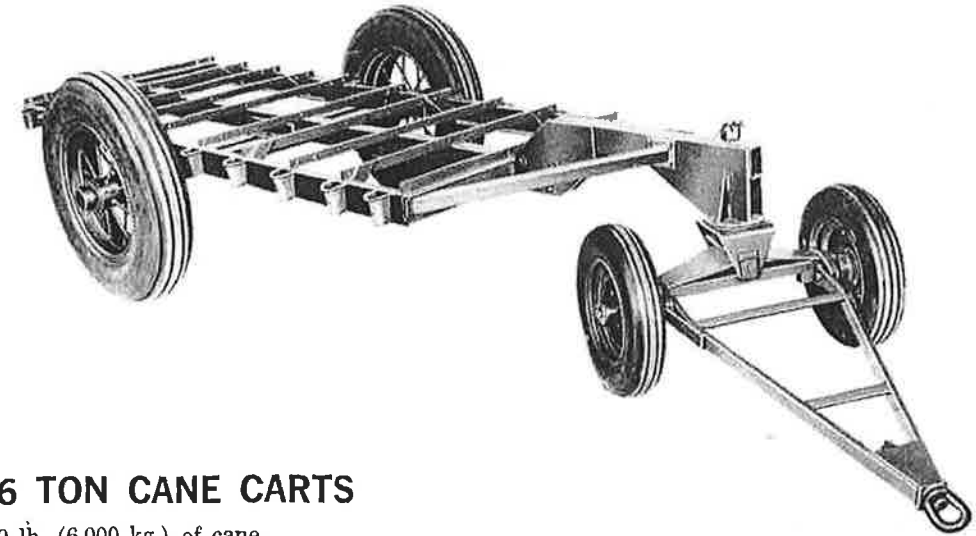
heavy-duty cushioned drives, rugged and rigid frame, generous 32-inch clearance are some of many 175 features. Enclosed planetary drives provide unexcelled maneuverability. Power is controlled on each separate wheel — stop, turn and reverse the machine instantly. 37-hp engine.

175 WINDROWER — GRAIN CROPS



Designed as a grain machine to swath hard-to-handle flax and ripe seed crops, the 175 offers efficient performance at low cost. 13½, 16½ and 19½-foot platforms available with plenty of room for operator and full-control visibility.

Far-back engine mounting and specially designed muffler keep exhaust, heat and noise well behind the operator. 30 or 37-hp engines. Variety of attachments are available.



ME 12-55 6 TON CANE CARTS

Hauls over 13,200 lb. (6,000 kg.) of cane.

- Correct balance assures easy loading in the field. Reach couplings permit formation of long trains.
- Tough 6 in. (15.2 cm) channel sills welded together.
- Extra durable main wheels with built-in controlled spoke tension, assure long life.
- Wheels mounted on heavy-duty tapered roller bearings.

Massive 6 in. (15.2 cm) steel "U" channel sills and cross members are welded together, reinforced and braced to form a rigid frame which maintains true alignment under adverse working conditions. The heavy duty pneumatic tires and the sturdy "goose neck" type front support enables sharp turns of the cart. Each cart hauls up to six tons of sugar cane at high tractor speeds.

12-56 TRACTOR TRAILER

- Cold formed sheet main sills are adjustable to four different wheel bases.
- Automobile disc type wheels with tapered roller bearings.
- Full ground contact of all wheels due to frame flexibility.
- Easy trailing and transportation of loaded or unloaded wagon due to the automobile type steering knuckles.

This 3¾-ton capacity trailer has 5 in. channel sills for maximum flexibility and torsional strength. The frame sills telescope to six wheelbase settings ranging from 98¾ in. to 128¾ in.

Front and rear axles are made of ¼ in. thick steel, formed in two "U" shaped pieces and welded together, thus creating an all-steel box section construction for stay-tight service and true-trailing performance.

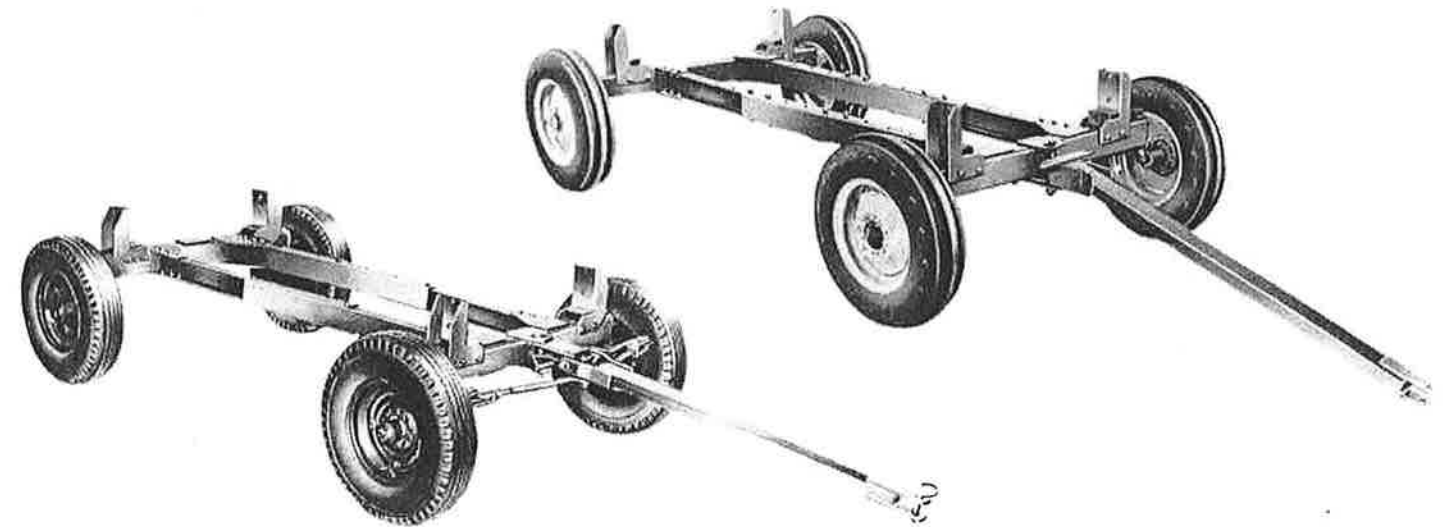
Regularly equipped with standard size 16-5.50, 6-bolt sheels, less tires and tubes. 7.00-16, 6-ply tires and tubes are furnished special. Heavy duty tongue and clevis hitch with hitch pin as well as rear hitch bracket.

ME 12-54 TRACTOR TRAILER

- Easily carries loads up to 10,000 pounds (4,500 kg).
- New automobile type steering system.
- Short turning radius allows easy and quick turns.
- Equipped with strong rear hitch bracket for trailing other trailers.

Tie rod is located in front of, and above front axle so it does not drag on a road with deep ruts. Front stub axles and tie rod, pivot in replaceable bronze bushings.

The frame sills telescope giving three different wheel base lengths of 95, 104 and 113 in. (2.41, 2.64, and 2.87 m). The wheel tread is 64 in. (1.63 m). The automobile type wheels have high grade, adjustable tapered roller bearings. Disc wheels have 16 x 5.50 in. drop center rim and tires and tubes of the following sizes can be furnished when ordered: 6.50 x 16, 7.00 x 16 or 7.50 x 16 in.



ME 30 POWER CORN SHELLER

Sturdily-built of heavy sheet steel, rigidly reinforced for long use. It shells 100 to 150 bushels (35 to 53 hectoliters) per hour. The unique shape and location of the hopper allows the ears of corn to enter the shelling cage, moving in the same direction as the cylinder is turning, so that the cylinder pulls them in. Any one ton plow tractor, engine or electric motor of 5 to 10 hp furnishes ample power.

Regular: Drive pulley, 14 in. diameter, 6 in. face. Cleaning fan.

Special: Drive pulleys, 10, 12, and 16 in. diameter. Adjustable hopper extension.



ONE-HOLE HAND CORN SHELLER

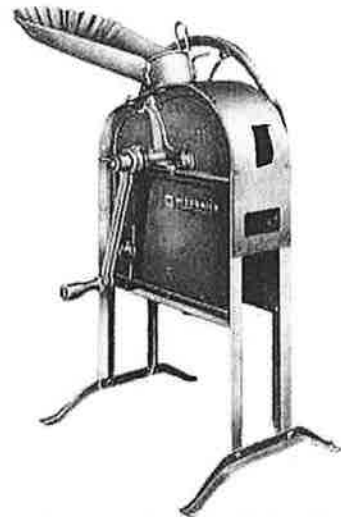
- Shells corn quickly without breaking kernels.
- Ratchet-type crank for safety.
- Converts easily to power drive operation.
- Open gear and pinion teeth prevent jamming.

The easy-turning one-hole corn sheller is a spring-type sheller of all steel construction.

The gear teeth of the picker wheel and pinion are open at the bottom. This design permits kernels of corn and objects that fall into the gear teeth by accident to pass through without being crushed.

Regular: Seed corn tipper. Cleaning fan. Feed Table. Ratchet-type handle. Flywheel.

Special: Belt drive pulley. Rag iron with spring. Grooved fly-wheel for power drive. Support for electric motor.



ME 4-1 ROTARY CUTTER

with 2-Point Fast Hitch, 3-Point Hitch or trailing hitch.

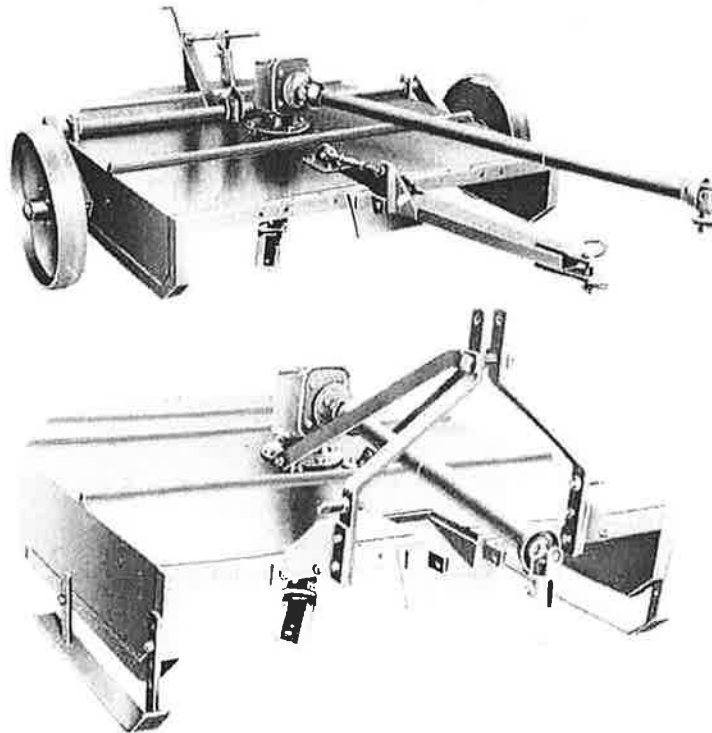
- Adjustable cutting height.
- Precision, enclosed bevel-gear drive.
- Free-swinging, reversible knives.
- Light-running . . . for 3-plow or larger tractor.

Cutting a 66 in. (1.68 m) swath, the ME 4-1 cuts corn stalks, cotton stalks, grain stubble, mows highway right-of-way, landing fields, parks, clears brush up to 3 in. (7.5 cm) in diameter. When equipped with the shredding attachment, material is pulverized into a pulpy residue.

Regular: Reinforced steel case; single rotor bar with two twisted knives; transmission gear box; safety shields on power line shafts; shear bolt protection.

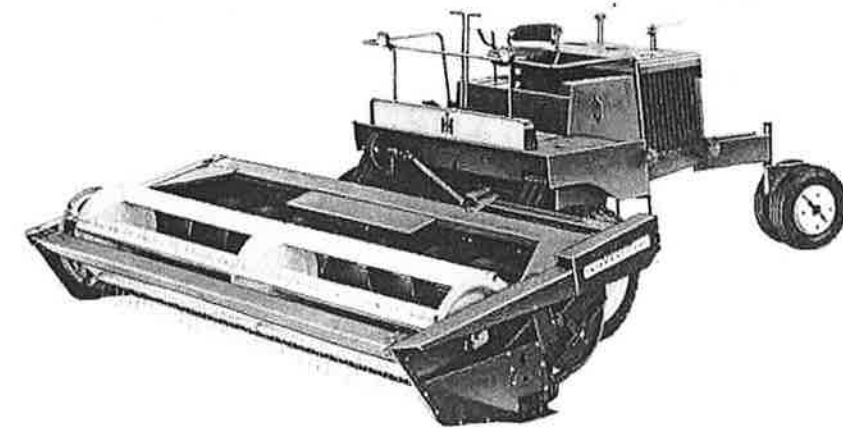
Complementary Equipment: Trailing hitch, for use with wheel attachment. Two 24 in. (61 cm) steel wheels, axles and raising crank for adjusting cutting height. Two-point fast hitch or three-point hitch, Category 1 or 2 (skids required).

Optional: Shredding attachment which consists of an extra rotor bar, pair of straight blades and one stationary blade. All welded steel grille that attaches to the discharge opening. Drawbar plate for use with rotary cutter when drawn by B-450 standard or Farmall tractors.



275 WINDROWER — PLANETARY DRIVE

The 275 has dual or single auger platforms for all hay crops, from tall and heavy to seed. The dual auger platform is available in 10, 12, 14 and 16-foot widths; the single auger platform in 14-ft. width. Exclusive 2-stage variable speed drive. 1500 cutting strokes per minute. Dual auger platform with exclusive float-over action forms loose, fluffy, uniform windrows. A Hume pick-up reel is available with the dual auger platform to give gentle handling required for seed crops. Features also include biggest drive wheels in the industry, a 23.3-gallon fuel tank, dual caster wheels, infinite steering.



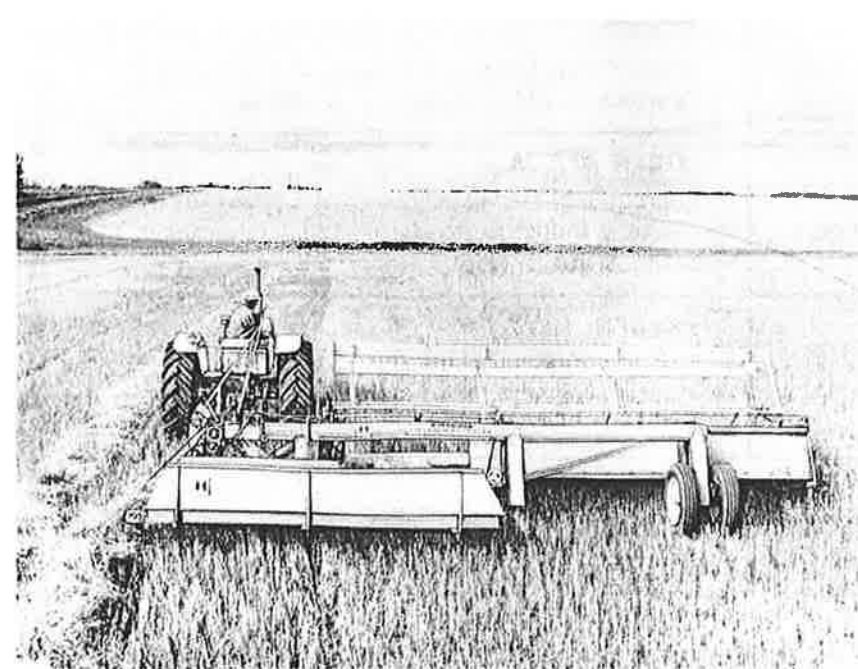
375 WINDROWER — HYDROSTATIC DRIVE

Differing from the 275 mainly in drive and steering, the deluxe 375 has an automotive-type steering wheel, hydrostatic full-power steering, and hydrostatic drive with infinite forward and reverse, one-lever variable speed control — speeds up to 12.2 mph. With the 375 you get from field to field much faster, handle the crop more productively. Both the 275 and 375 feature an easy operating final drive disconnect for fast trailing behind a truck.



200 PULL-TYPE WINDROWER

Two sizes: 12-foot size cuts up to 60 acres a day; 16-foot size cuts up to 80 acres a day. The 200 is designed to utilize the full capacity of big IH combines by laying a double swath where required. The IH Double-Swath Attachment (available for the 16-foot platform only) permits laying two windrows together, stacked or side-by-side. The 200 offers other features: Complete hydraulic control from tractor seat; extra-heavy frame; power drive transmission; easily adjusted hitch; low angle platform; fully adjustable reel. Operates behind tractors with 540 rpm or 1000 rpm pto.





INTERNATIONAL HARVESTER WORLD WIDE FARM EQUIPMENT BUYER'S GUIDE

for additional information...

on any of the equipment appearing in this buyer's guide contact your nearest IH outlet or representative, or write directly to the manufacturer at the address given below:

AUSTRALIA International Harvester Co. of Australia Pty. Ltd. 171-205 City Road, So. Melbourne, S. C. 4, Victoria, Australia	GREAT BRITAIN International Harvester Co. of Great Britain Ltd. 259 City Road, London E. C. 1, England
CANADA International Harvester Company of Canada Ltd. 208 Hillyard Street, Hamilton, Ontario, Canada	MEXICO International Harvester Mexico, S. A. de C. V. Apartado M-2083, Mexico D. F., Mexico
FRANCE International Harvester France 170 Boulevard de la Villette, Paris (XIX), France	SOUTH AFRICA International Harvester Co. (S. A.) (Pty.) Ltd. Diesel & Industrie Roads, Isando, Transvaal, South Africa
GERMANY International Harvester Company m.b.h. Industriestrasse 39, 4040 Neuss/Rhein, Germany	SWEDEN A/B International Harvester Company Ingelsstavagen 4, Norrkoping, Sweden

UNITED STATES

International Harvester Company
 401 North Michigan Avenue
 Chicago, Illinois 60611 U.S.A.

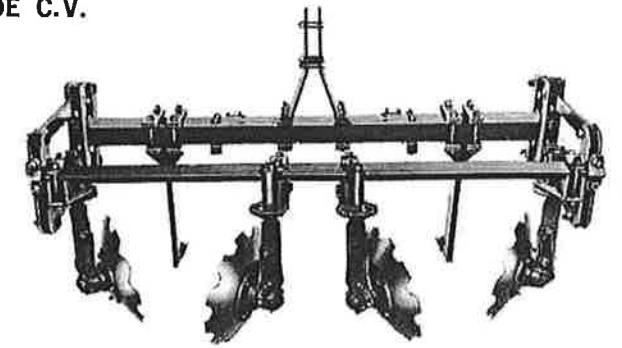
Products of INTERNATIONAL HARVESTER MEXICO, S.A. DE C.V.

ME 30-3 RECTANGULAR TOOL BAR with 3-Point Hitch

Designed for use on 706 and 806 Farmall tractors and similar tractors equipped with three-point hitch and draft position control.

Width 8 ft. (2.44 m). Also available: 10 ft. (3.05 m) long Tool Bar.

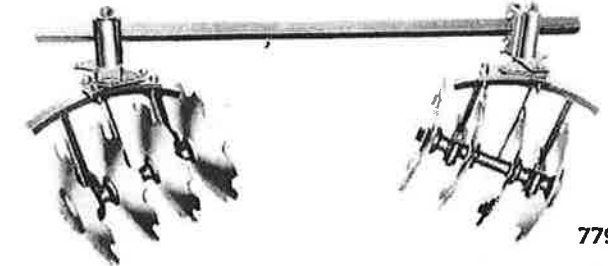
Short and long scarifier shanks—Subsoilers with or less mold-board attachment—ME-324 Disc Cultivating Gang Attachment which consists of two notched discs individually mounted on the Tool Bar. A parallel link package also available. Gauge wheel attachment available.



ME 30-3

779 200 R91 DISC CULTIVATING GANGS

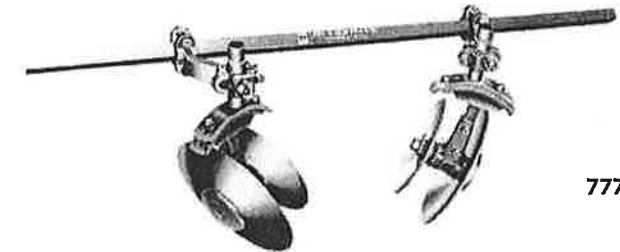
Consists of two gangs of four 20 in. notched discs, 6½ in. spacing, mounted on a 1½ in. arbor bolt with precision bearings of the triple lip type. Bearings held in place by hard rubber pads that permit proper arbor alignment and also cushion shocks.



779 200 R91

777 408 R91 DISC CULTIVATING ATTACHMENT — Florida Type

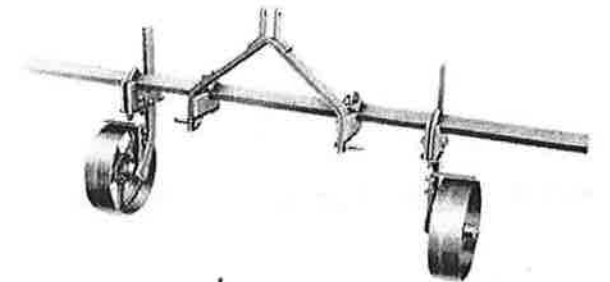
Consists of a pair of disc gangs with one 16 in. (40.6 cm) and one 20 in. (51 cm) solid disc mounted on an arbor bolt, with long lasting ball bearings. Adjustments for angling the discs may be attached to any 2 or 2¼ in. (5.1 or 5.7 cm) square tool bar.



777 408 R91

771 416 R91 SINGLE DISC ATTACHMENT — Light Duty

Similar to 776 665 R91 except for disc which is a 22 in. x 7 Ga. notched disc. Brackets for attaching standards to tool bar are 776 586 R91 left hand and 776 588 R91 right hand. Use on 2 or 2¼ in. square tool bar.



ME 2C-F3

ME 2C-F3 and ME 34-F8 TOOL BARS with 2-Point Fast-Hitch and 3-Point Hitch

The ME 2C-F3 Tool Bar is for B-414, B-275, 504 and 523 tractors. It is 2 in. (5.1 cm) square by 95 in. (2.41 m) long. ME 34-F8 Tool Bar is for B-450, 624, and 706, 806 tractors, or any other of similar power. It is 2¼ in. (5.7 cm) square, and can be furnished in 80, 96, 108 or 120 in. (2.03, 2.45, 2.75, or 3.05 m) long. Gauge wheels optional. Wide selection of attachments.



ME 34-F8

ME 2C-F3 and ME 34-F8 TOOL BAR ATTACHMENTS

776 605 R92 and 776 604 R92.

Stiff shanks, short and long.

Made of 1 x 3 in. (2.5 x 7.6 cm) special steel bar. Complete with beam cap and bolts and double-point steel shovel 2 in. (5 cm) wide.

775 556 R92 and 775 557 R92.

Coil spring shanks.

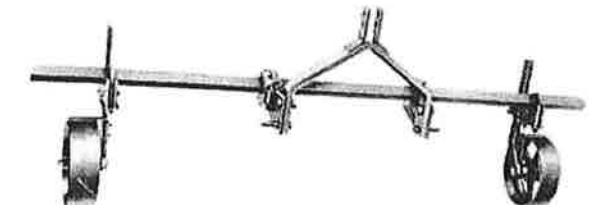
Complete with beam cap and bolts for attaching to tool bar and double-point steel shovel 1½ in. (4 cm) wide.

34-C10 and 34-C12 MIDDLEBUSTERS.

12 in. (30 cm) plow bottom, which can be quickly attached to the standard.

776 603 R91 MIDDLEBUSTER STANDARD.

1 x 3 in. (2.5 x 7.6 cm) special steel bar. Is furnished with beam cap and bolts for attaching to any 2 in. (5 cm) or 2¼ in. (5.7 cm) square tool bar. Disc gangs can be set at any tilt or angle, and for various widths of beds.



ME 34-F8

ME 324 DISC CULTIVATING GANGS

Equipped with precision bearings. Two gangs of three 24-inch (61 cm) notched discs with 9-inch (23 cm) spacing. This attachment is for use on the main tool bar for cultivation and beds for planting. Can be adjusted for barring-off, and for reversing beds.

ME 2-53 CULTIVATOR — Horse Drawn

- Sturdy construction, withstands severe usage.
- Adjustable frame for cultivating rows of different widths.
- Shovels enter the ground squarely whether the cultivator is fully expanded or closed.
- Double wood handles, lever expander, and five shovels.

Two outside moldboards are mounted on swivels throw dirt toward or away from the row crop. Other shovel shanks are adjustable. Basic frame, five $\frac{3}{8}$ x $2\frac{1}{4}$ x $8\frac{1}{4}$ ". Double-point shovels and shanks, pair of wood handles, and adjusting lever included.

Optional: 778 239 R91 Hiller Blades Attachment (factory application), 778 344 R91 Steel Handles Package.

Special: 778 166 R91 Lead Wheel Attachment. 778 239 R91 Hiller Blades Attachment. 778 240 R91 Shanks and shovels package (to make 7-Shovel Cultivator).

ME 2-54 TWO-ROW REAR MOUNTED CULTIVATOR

Designed for the B-434 Tractor or similar tractors equipped with three-point hitch.

This Cultivator uses high-clearance rigid shanks giving clearance of 27 in. (68 cm) under the tool bar.

- 655 247 RI $2\frac{1}{4}$ Square tool bar 80 in. long.
- 777 178 R92 3-Point Hitch Category 1.
- 4 High Clearance Straight Stiff Shanks $1\frac{1}{4}$ x $2\frac{1}{2}$ ".
- 3 High Clearance Curved Stiff Shanks $1\frac{1}{4}$ x $2\frac{1}{2}$ ".
- Full 12 in. sweeps, half sweeps and hardware.

Optional: 777 164 R91 3-Point Hitch Category 2.

Special: 778 255 R91 Gauge Wheel Attachment (Pair).

14-5 UNIT PLANTER — Furrow Opener

This new planter can be converted to a fertilizer unit by reversing seed hopper bracket base plate and installing the fertilizer attachment in lieu of seed planting mechanism.

Fertilizer unit can be mounted on any 2 in. or $2\frac{1}{4}$ in. square rear solid tool bar.

Available two fertilizer attachments: with surface applicator (for seed), and with deep applicator (for fertilizing).

Regular: The 14-5 Planter-Furrow Opener; 777 241 R92 planting equipment for corn and beans. New drive wheel; shovel covers. Seed boot with shovel opener. Four drive and driven sprockets: 8, 10, 12 and 14 teeth. Chain guard. 6 in. furrower and stub beam (straight).

Optional: No. 621 738 R93 peanut planting equipment or No. 777 242 R92 cotton planting equipment. No. 777 433 R91 disc covers in lieu of 778 658 R91 shovel covers.

Special: No. 778 661 R91 fertilizer attachment with fertilizer. No. 778 662 R91 fertilizer attachment with surface fertilizer applicator.

14-TOOTH CULTIVATOR — Horse Drawn

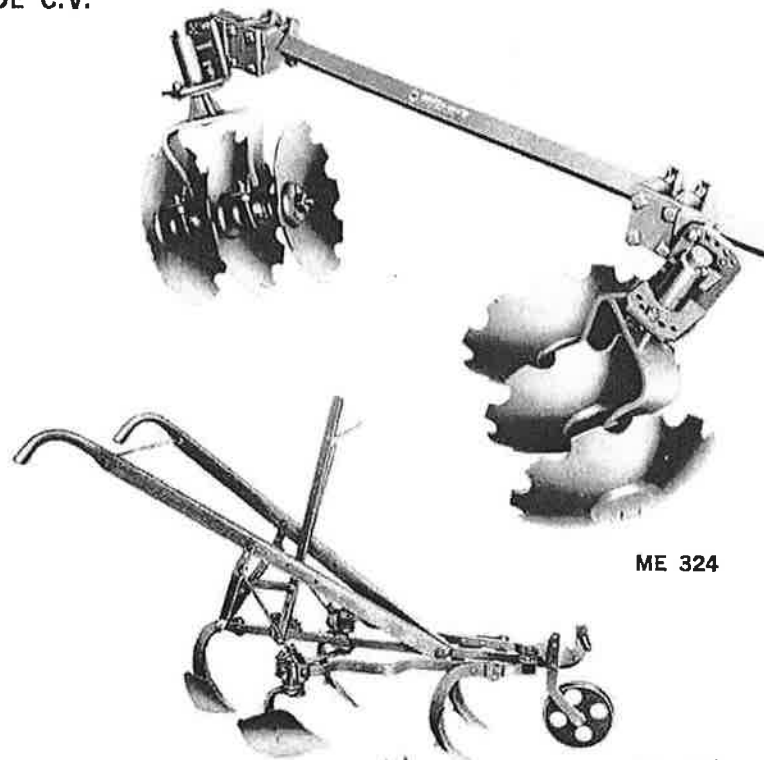
Teeth are rigidly clamped to the tooth bars, are adjusted to three different cutting angles.

Tooth bars are adjustable, for cultivating crop rows of various widths.

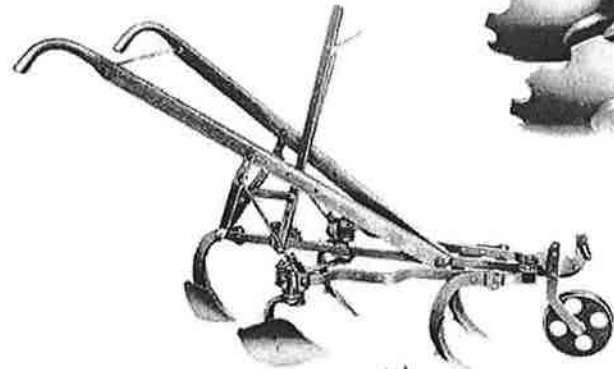
The wood handles are also adjustable to the height of the user.

Regular: Frame lever expander. Wood handles.

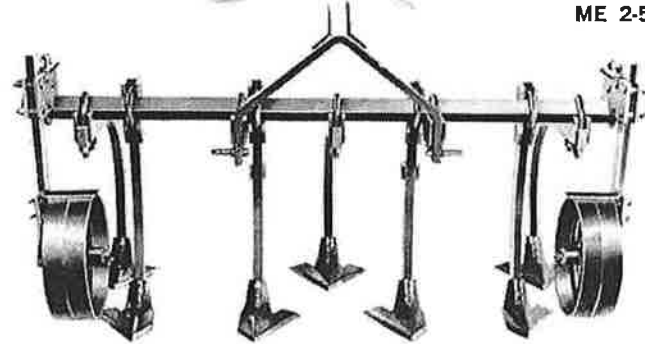
Special: Lead wheel. Lever attachment for lead wheel. 2 618 184 R91 double-point tooth.



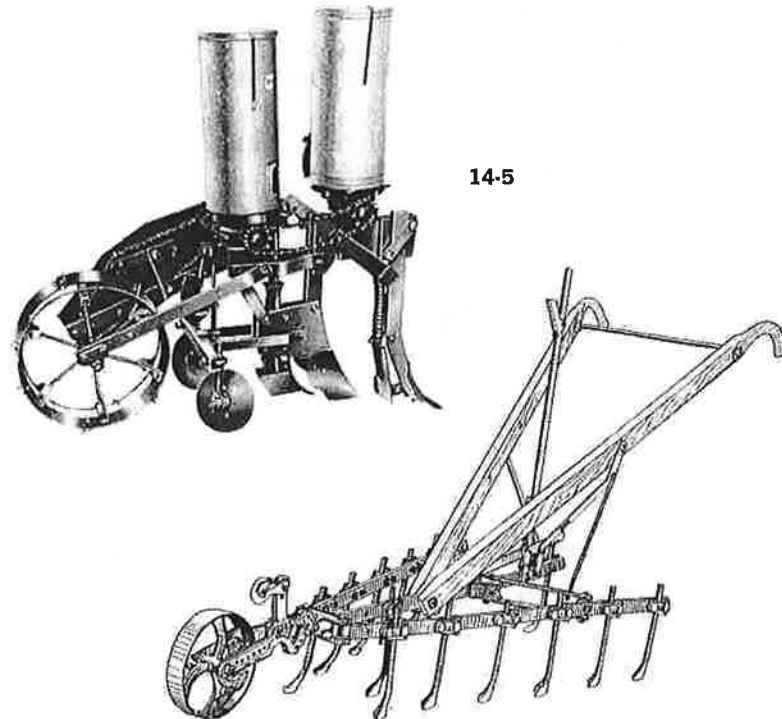
ME 324



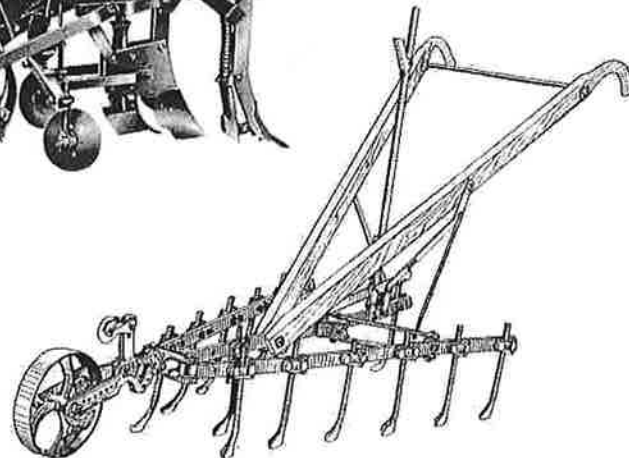
ME 2-53



ME 2-54



14-5



14-TOOTH CULTIVATOR

FRANCE

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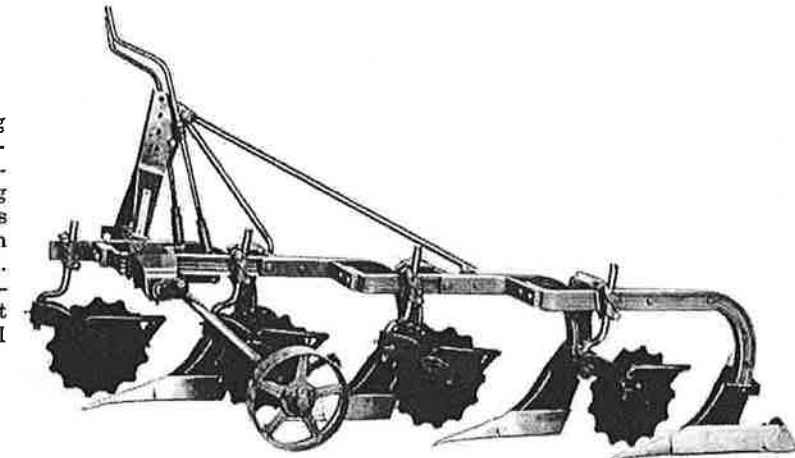
Products of INTERNATIONAL HARVESTER FRANCE

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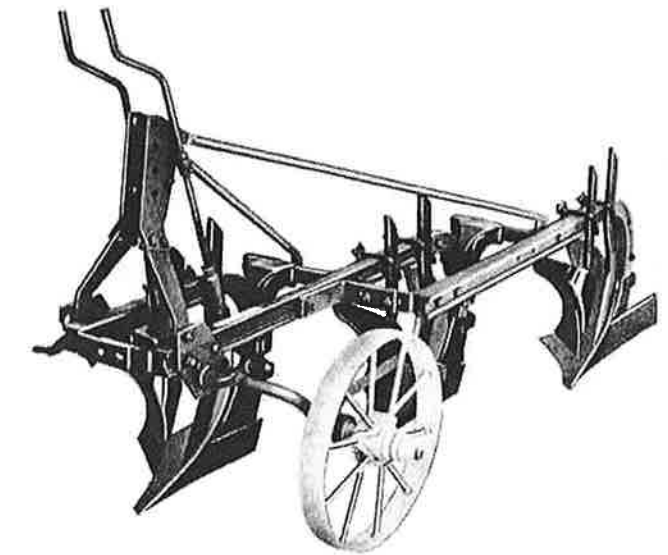
1-450 MOLDBOARD PLOW

Four-furrow, one-way plow with gauge wheel, notched rolling colters and combination jointers — for use with 40 hp (minimum) tractors with hydraulic lift and 3-point hitch (Category 1 or 2). Designed for easy maneuvering, rapid hitching and unhitching, effortless raising and lowering by tractor's hydraulic lift. Plowing depth (to 14 inches) regulated from tractor seat. Average plowing width: 40 in. (1.0 m) or 48 in. (1.2 m). Tilting and leveling, angle of entry, width of cut — all are easily adjusted. Has ample under-beam and fore-aft clearance for non-clog handling of heavy trash. Optional equipment available.



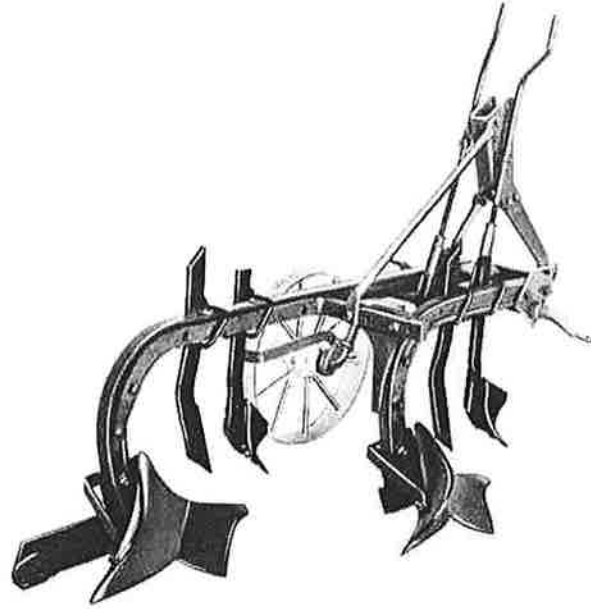
1-352 MOLDBOARD PLOW

Specially designed for efficient, high-speed, medium-duty manure and trash plowing — for use with any tractor of 30 hp or more, with hydraulic lift. Equipped with plain colters, manure jointers and heavy-duty gauge wheel. Of rugged I-beam construction, with three bottoms (10 in. — 25 cm — or 12 in. — 30 cm). Adjustable by operator to average plowing depths of 4 in. (10 cm) to 10 in. (25 cm) — to average widths of 30 in. (76 cm) or 36 in. (91 cm). Operates with Category 1 or 2 three-point hitch. Maneuvers well on narrow headlands, in corners, with efficient non-clogging trash handling. Approx. Wt.: 840 lbs. (381 kg).



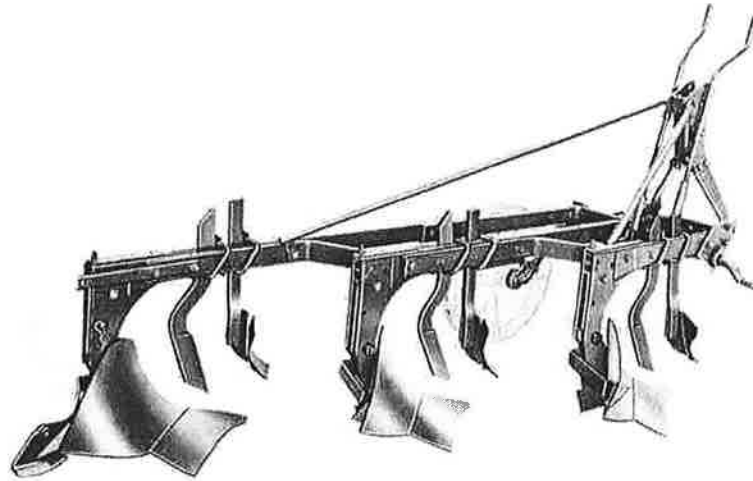
1- 254 MOLDBOARD PLOW

This heavy-duty, two-furrow manure plow is designed for fast, efficient manure, trash plowing in toughest soils. Operates with any tractor having hydraulic lift and rated drawbar pull of 30 hp or more. Plows to depths of 4 in. (10 cm) to 12 in. (30 cm); to average widths of 24 in. (61 cm) or 28 in. (70 cm). Has plain colters, pasture jointers and 24 in. diameter gauge wheel. Offers good maneuverability and unsurpassed trash handling without clogging. Used with 3-point hitch, Category 1 or 2. Approx. Wt.: 677 lbs. (307 kg).



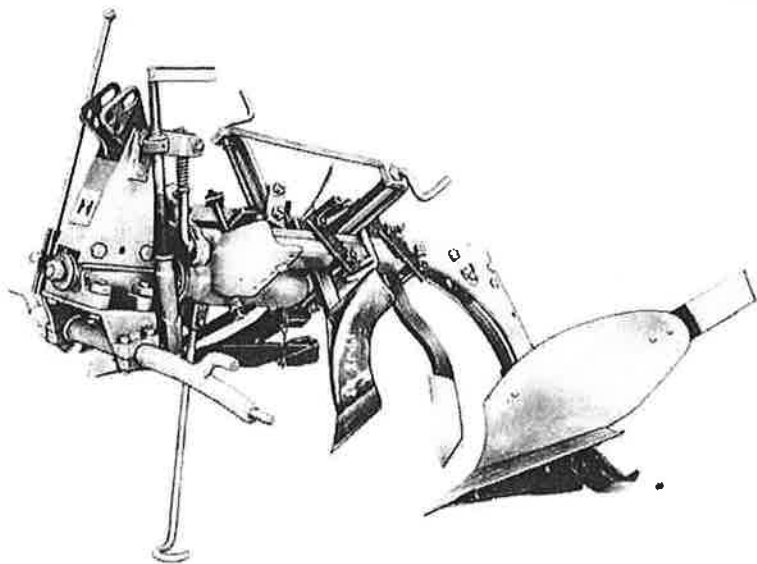
1- 355 MOLDBOARD PLOW

3-furrow, one-way manure and trash plow. Of rugged steel beam construction, with 3-point hitch (Categories 1 or 2) for use with any tractor of 40 hp or more. Special features include trip beam protecting each bottom; and rear bottom may be raised to permit two-bottom operation. Upper hitch point has several positions for perfect draft, to maximum plowing depth of 12 in. (30 cm). Average plowing width: 36 in. (90 cm). Equipped with 12 in. bottoms, knife cutters, manure jointers and constant-depth gauge wheel. Approx. Wt.: 849 lbs. (385 kg).



1- 160 ROLLOVER PLOW

One-furrow, two-way plow — quarter-turn balanced type. Heavy I-beam construction, three-point hitch (Category 1) for use with tractors of 17 hp or more. Simple adjustments — depth 4 to 14 in. (10 to 35 cm), width of cut, leveling, heel. Works close to fences, trees, etc. in toughest soils. All furrows turned in same direction helps keep irrigated fields level. On hillsides, all furrows turned uphill catch, hold rain and retard erosion. Bottom sizes: 12 or 14 in. (30 or 35 cm). Equipment options include: rigid or trip beam, choice of shares, choice of colters and cutters or jointers. Approx. Wt.: 620 lbs. (275 kg).



Nos. 155-B and 156-B ONE ROW COTTON and CORN PLANTERS

- Strong, light, easy to handle.
- Durable, well-protected working parts.
- Reverse-feed assures accurate, even seeding.
- Variety of equipment combinations available.

No. 155-B has an opening shovel and two covering shovels. No. 156-B has runner opener, covering blades, and an open-center press wheel. The hopper tilts. Drilling distances for corn are 7, 12, 15, 18 and 22 inches. Special equipment includes the No. 17 fertilizer attachment, to handle any dry commercial fertilizer.

Regular: Basic Machine—frame, lead wheel, seed hopper, wood handles, clevis.

Special: No. 17 fertilizer attachment. Press wheel attachment (for No. 155-B). 778 125 R91 corn and bean planting equipment. No. 4 peanut planting equipment. 777 515 R91 cotton planting equipment. Runner opener (for No. 156-B).

EASY-FOLD PEG-TOOTH HARROW

- Replaceable, uniformly spaced steel teeth.
- Heavy-duty sections easily transported.

Easy-fold closed-end peg-tooth harrows are built in heavy 30-tooth rigid sections. Teeth are clamped to the channel steel tooth bars with U-bolts. The outside cross bars act as guards to protect trees and vines. In combination use, these cross bars interlock with adjacent section for uniform tooth spacing. Levers fold down flat against frame, so sections can be folded over for transport. The runner teeth at the corners are used in transport. Drawbar regular.

ME 14-2 GROUND DRIVE PLANTER — FLOATING TYPE

- Variety of seeds may be planted at spacing and depth required, without changing hoppers.
- Vertical flotation.
- Double depth adjustment.
- Simple, rugged construction.
- Easily attached and detached from tool bar.

Basic frame attaches to tool bar by means of parallel links which insure a total of 10 in. (25.4 cm) flotation vertically. Depth adjustment obtained by gauge shoe and adjusting drive wheel with relation to runner opener.

Fertilizer Attachment: Equipped with a deep applicator adjustable in depth to approximately 5 in. (12.7 cm).

Regular: Basic machine-frame, tool bar attaching brackets, parallel linkage, hopper drive, runner opener, drive wheel. 778 376 R91 Seed Hopper. 777 242 R91 Cotton planting equipment. Runner opener.

Optional: 777 218 R92 Drive Wheel with lugs and ring in lieu of regular wheel. 777 241 R92 Corn and Bean planting equipment. 621 738 R93 Peanut planting equipment.

Special: 778 420 R91 Shovel covers, 778 421 R91 Disc covers, 777 241 R92 Corn and Bean planting equipment, 777 242 R91 Cotton planting equipment, 621 738 R93 Peanut planting equipment, 778 422 R91 Gauge shoe attachment, 778 423 R91 Fertilizer unit with deep applicator.

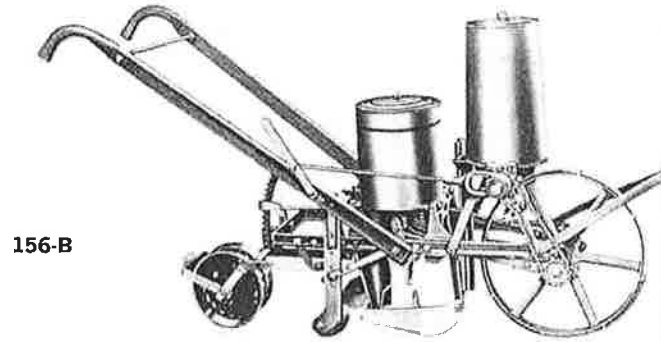
14-3 UNIT PLANTER Middlebuster Opener

- Positive, ground-drive design.
- Interchangeable planting units.
- Simple, rugged construction.
- Variety of seeds may be planted at spacing and depth required, without changing hopper.

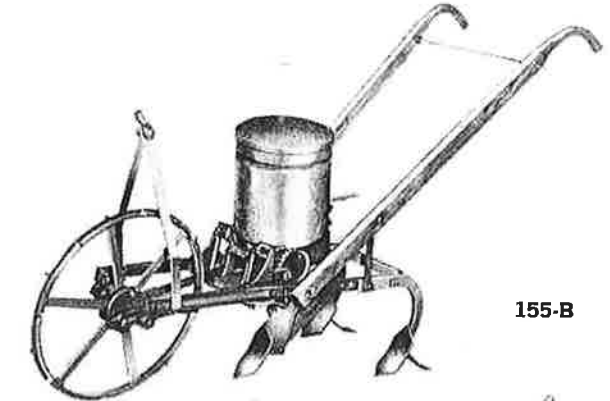
For mounting on any rear 2 in. or 2 1/4 in. square solid tool bar. Furnished with a Straight Stub Beam and new frame.

Planter, seed hopper and ground equipment are self-contained. *Regular:* Basic frames; hopper bracket; combination seed hopper; hopper drive, 777 241 R92 Planting equipment for corn and beans; new drive wheel; shovel covers; seed boot with shovel opener; four drive and driven sprockets; 8, 10, 12 and 14 teeth; chain guard; 34-C-12 middlebuster bottom and stub beam (straight) with break-off plates.

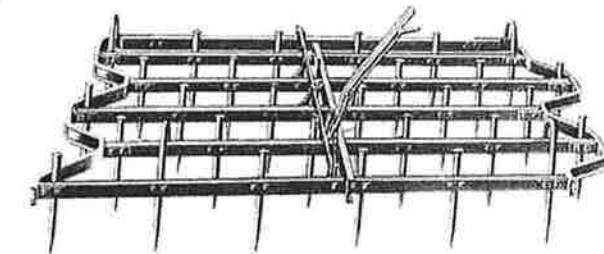
Special: 514 714 R1 Root cutter; 778 657 R91 fertilizer attachment with surface applicator.



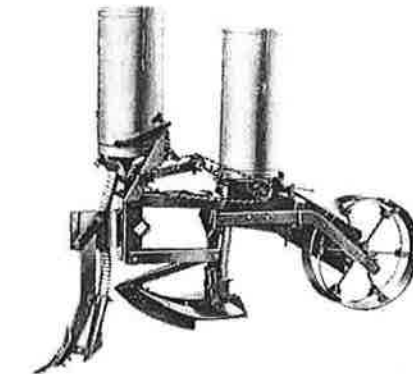
156-B



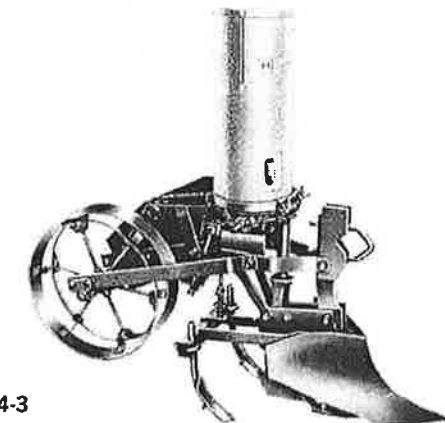
155-B



EASY-FOLD PEG-TOOTH HARROW



ME 14-2



14-3

ME 3-32 UNA-BEAM OFFSET DISC HARROW

- 9, 9½, 10½ and 13½ Foot Sizes.
- Exceptional trash clearance.
- Tapered single-piece Hitch Tongue.
- Sealed, prelubricated ball bearings.
- Harrow offsets to right or left.

EXTRA-HEAVY UNA-BEAM design provides over 300 pounds of deep working, trash slicing weight per foot: Unique single-beam over-head frame.

Standard: Spreader beam, pull bar and tapered tubular tongue with replaceable hitch. Frames are single unit rectangular box beams. Gangs turn on precision bearings, spherically mounted in rubber, have triple seals and trash guards on each side of bearing. Disc blades heat-treated, cross-rolled carbon steel, spaced 9 in. apart on 1½-in. round high carbon gang bolts. Hinge, equipped with replaceable hardened bushings. Controls mounted in hinge.

ME 3-31 WHEEL CONTROLLED OFFSET DISC HARROW 22, 24 or 26 Discs

- Pneumatic tires gauge depth and carry the harrow.
- Hydraulic or manual control (optional).
- Disc gangs equipped with precision type, factory lubricated, long-lasting, trouble-free bearings.
- Low profile design.

Three sizes, i.e. 8¼ ft. (2.52 m) — 22 discs, 9 ft. (2.74 m) — 24 discs and 9¾ ft. (2.97 m) — 26 discs.

Regular: Drawbar. Wheels for 16 in. x 6.50 pneumatic tires, less tires, 24 in. (61 cm) dia. solid blades, 8 gauge. Notched disc blades or a combination of front notched and rear solid are available optionally. Hydraulic or manual control available as optional equipment.

MODEL SO OFFSET DISC HARROW

- Automatic right or left turning action.
- "Free-action" hinge for positive gang angling.
- Long hinge arms keep gangs level, and properly aligned.
- Disc gangs lock at desired angle.

"Free-action" hinge connects the two gang frames, permitting instant gang-angling.

Bearings and axles splash lubricated.

Regular: 22-inch or 24-inch discs.

DISC HARROW

ME 3-33 — 14, 16 or 18 Discs

3-Point Hitch (Category 1 or 2)

- Rugged 1 x 2½ in. (2.54 x 6.35 cm) frame bars.
- Rugged, unit-built gangs have heavy triangular-section backbones with welded steel-plate bearing hangers.
- U-bolts provide unlimited gang adjustment.
- Sealed ball bearings.

The ME 3-33, 14 or 16 disc, are designed for B-275, B-414 and 523 Tractors. The ME 3-33, 18 disc, is for B-450 tractors, 624 and Farmall 756.

Pre-lubricated ball bearings.

Discs are 22 in. (56 cm) x 9 gauge and are spaced 9 in. (23 cm) apart.

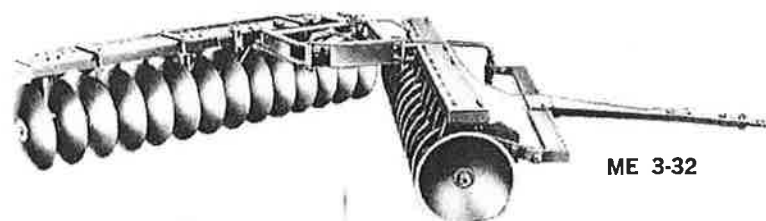
Regular: Two laterally adjustable gangs with 22 in. (56 cm) x 9-gauge solid disc. Rugged box-section frame. Precision type bearings. 3-point hitch Category 1 for 14 and 16 disc harrows. 3-point hitch Category 2 for 18 disc harrow. Less disc blade scrapers.

ME 17 BUMPER DISC HARROW

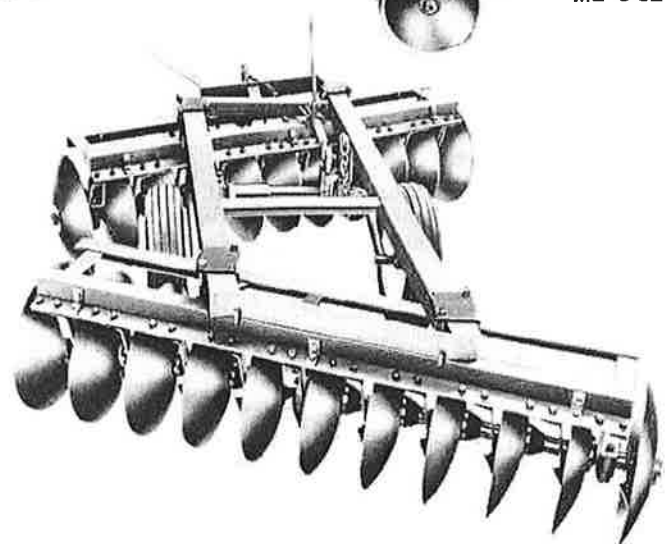
- Independent gang angling.
- Angling levers assure uniform penetration.
- Double discing with special tandem attachment.

A separate lever permits individual adjustment for work on hillsides. A third lever regulates the pressure. Harrow can be quickly converted to a double-gang. Each rear disc is rigidly positioned.

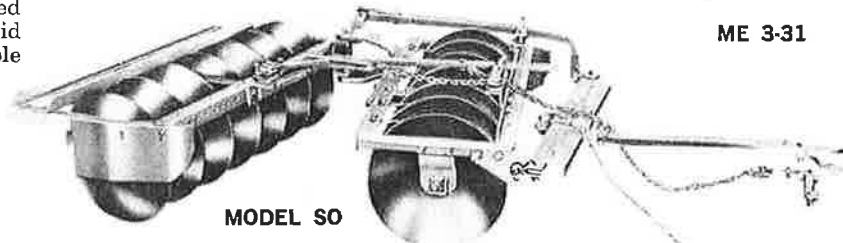
Regular: Scrapers. 2- or 3-horse evener. Plain discs (18 in.).



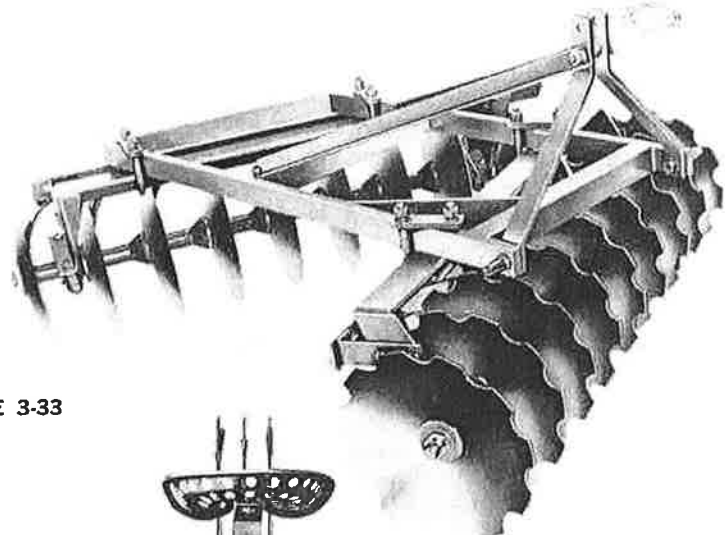
ME 3-32



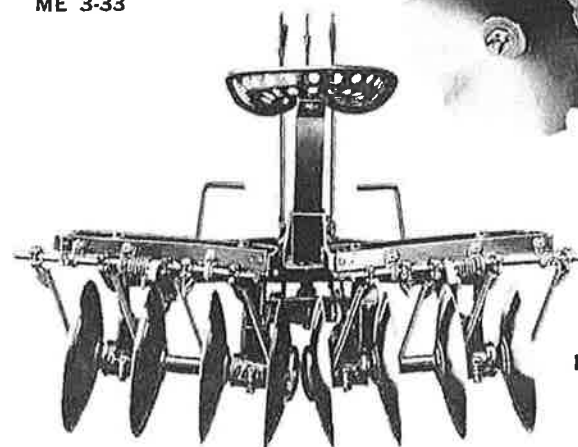
ME 3-31



MODEL SO



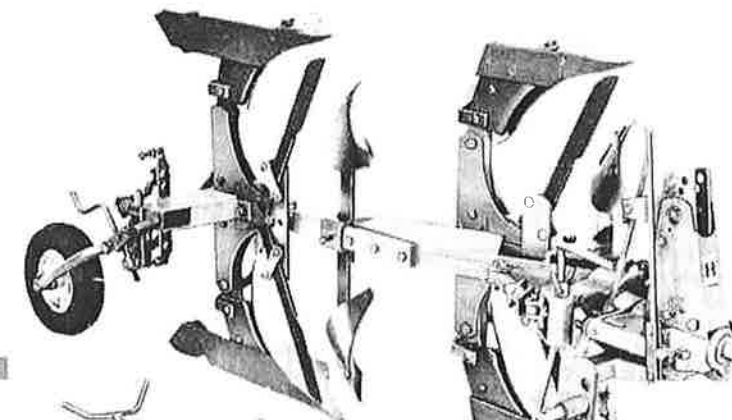
ME 3-33



ME 17

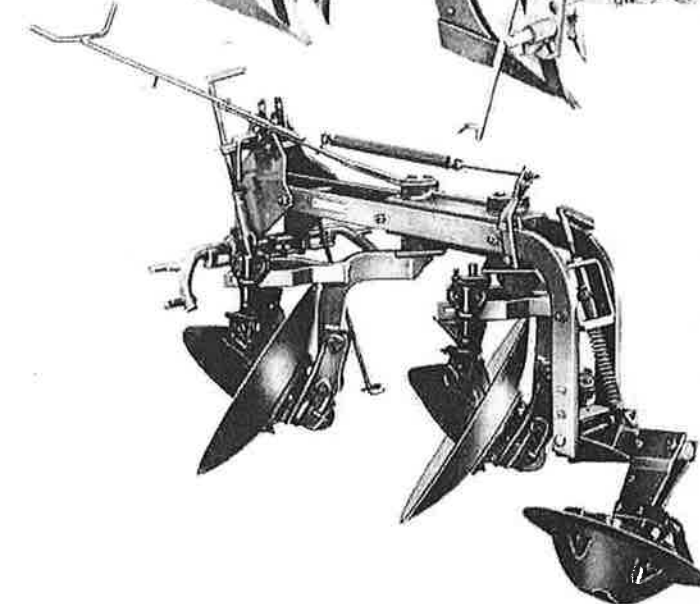
1-272 ROLLOVER PLOW

For efficient two-way, two-furrow plowing—with 3-point hitch (Categories 1 and 2), manure jointers, knife cutters, land wheel and spring-action trip beam. Perfectly balanced construction, with instant lever-operated rotation, for normal, manure or stubble plowing. Under-beam clearance: 23¼ in. (59 cm). Average working depth: 14 in. (35 cm). Average working width: 20 or 24 in. (50 or 60 cm). Normal or long frame; wide choice of bottoms. Rubber tire land wheel also serves as transport wheel. Approx. Wt.: 697 lbs. (316 kg).



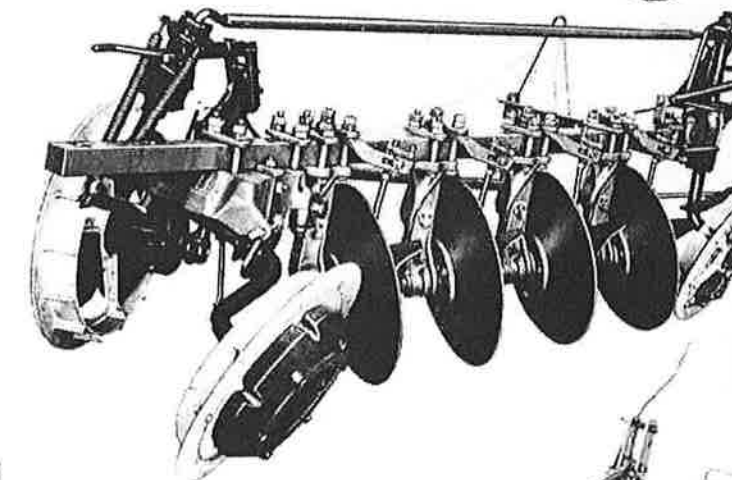
1-290 TWO-FURROW DISC PLOW

For fast, efficient manure plowing, adjustable to 12 in. (30 cm). With 31½ in. (80 cm) underbeam clearance — very useful in turning under heavy layers of straw, manure, corn stalks, etc. Easy-handling, with effortless hydraulic lift, adjustable tilt three-point hitch. For back-and-forth plowing, turns all furrows same direction — helps keep irrigated fields level, permits up-slanted slices to hold rainfall. Requires minimum 25 hp tractor. Three sizes of discs available. Self-sharpening discs have three settings of angles of cutting and entry. Working width: 20 in. (50 cm). Approx. Wt.: 970 lbs. (440 kg), fully equipped.



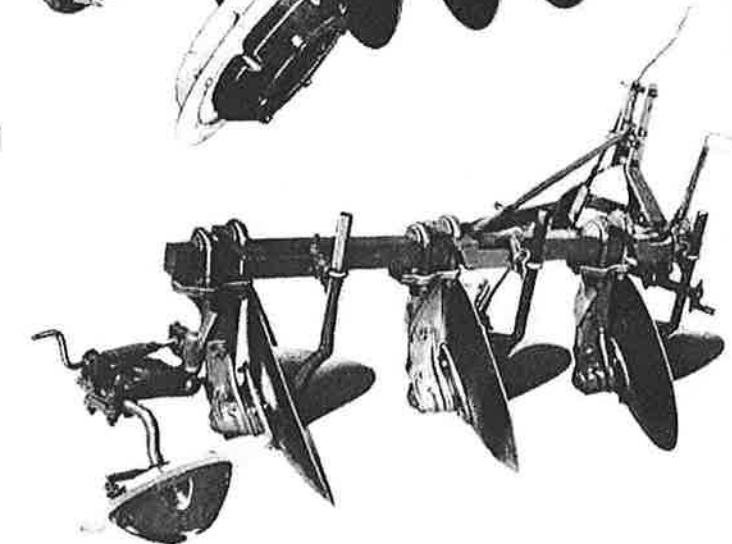
1-195 HEAVY-DUTY DISC PLOW

Rugged, trailing type heavy-duty disc plow, 6 or 5 furrow, with heat-treated solid steel square beam. Steel discs (26 in. or 28 in., 66 or 71 cm) are abrasive-resistant, self-sharpening, adjustable to three different vertical angles. Plows to 15 in. in hard, rocky, sticky or root-infested soils. Design allows ample clearance under beam; wide disc spacing prevents packing. Required tractive power per disc: 12 to 15 hp. Land wheel is extra large — 35 in. (89 cm) diameter. Cutting width (in average position): 49-59 in. (1.25-1.50 m). Features instant power lift and gentle lowering by sealed oil-bath planetary gear. Readily adjustable, disc cutting angle, total width of cut, front and rear depths. Approx. Wt.: to 3291 lbs. (1496 kg).



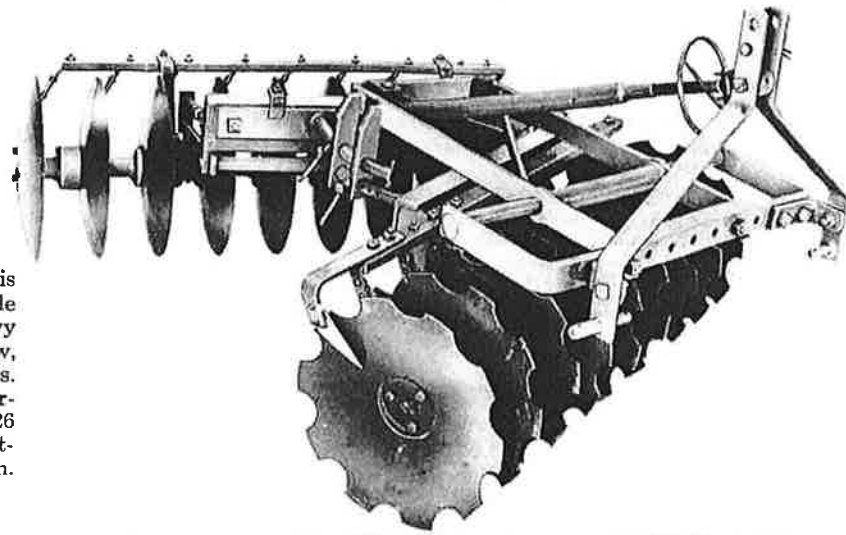
1-391 ONE-WAY DISC PLOW

Three-furrow, one-way design—with adjustable 3-point hitch, hydraulic lift, gauge wheel. Minimum hp required: 15 - 25 - 35. Self-sharpening discs are 28 in. (71 cm) in diameter — center disc may be removed, other set for two-furrow work. Plowing depth, width of cut adjusted from operator's seat. Also adjustable tilting and leveling, angle of entry. Ample under-beam clearance, wide disc spacing prevent packing. Average working depth: 10 in. (25 cm). Working width: 30 in. (76 cm) or 24 in. (60 cm). Approx. Wt.: 910 lbs. (413 kg).



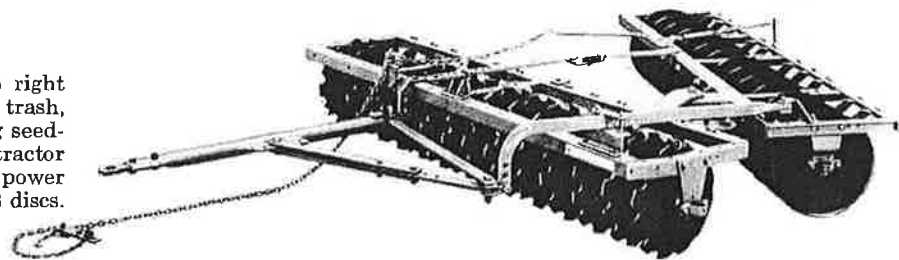
200 3-POINT OFFSET DISC HARROW

Offset position of equipment to right or left of tractor is quickly adjusted — also, the angling between gangs. Available with 14-, 16-, 18- or 20-inch discs, notched for cutting heavy stalks; penetrating hard ground; thoroughly mixing straw, manure, etc. into ground. Also for preparing smooth seedbeds. Has low-profile frame of reinforced steel — well-suited to orchard, vineyard tilling. Minimum tractor power needed: 17-26 hp. Cutting width: 49 in. (1.24 m) to 65½ in. (1.66 m). Adjustable cushion springs keep disc pressure on ground uniform. Approx. Wt.: 653 lbs. (296 kg) to 838 lbs. (380 kg).



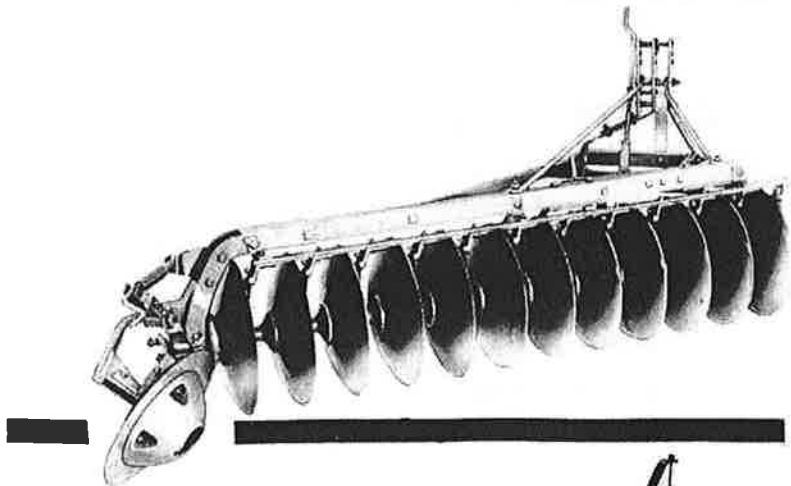
3-29 OFFSET DISC HARROW

Trailing type, plain and notched discs. Offset gangs to right or left quickly adjustable. Excellent for cutting heavy trash, stalks, manure into ground; vineyard plowing; preparing seedbed; etc. Angle of gangs controlled by trip rope from tractor seat. Maximum cutting depth: 7 in. (180 mm). Tractive power required: 30 to 60 hp, depending on model used, 14 to 28 discs. Approx. Wt.: 1433 lbs. (650 kg) to 2879 lbs. (1306 kg).



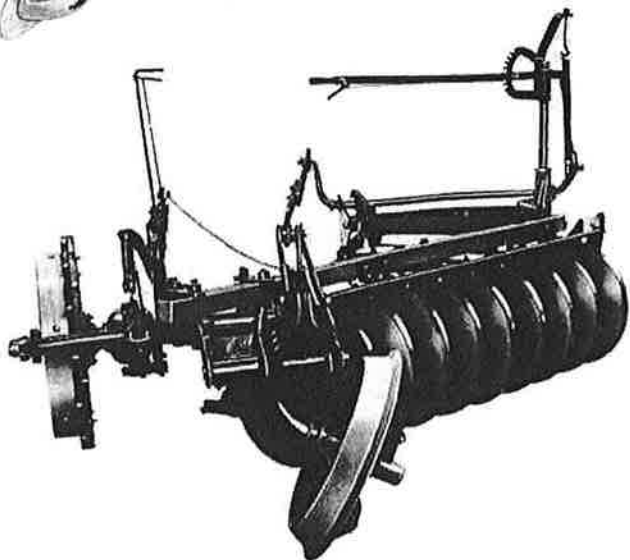
1-5 3-POINT HARROW PLOW

Three-point harrow plow, rigid durable construction, for dependable performance to depths of six inches. Choice of models, 5, 6, 7, 8, 9 or 12 discs — all 22 in. (56 cm) in diameter. Adjustable working depth, angle of entry, and leveling. Requires tractors of 20 to 35 hp, minimum, with hydraulic lift. Fast, easy handling, hitching — operating in summer fallow, grain stubble, cover crops, weed elimination, etc. Width of cut: 30 in. (76 cm) to 72 in. (183 cm). Approx. Wt.: 1087 lbs. (496 kg) for 12-disc model.



1-2 TRAILING HARROW PLOW

Works with tractors of 35 to 50 hp or larger. (Minimum power of 3-4 hp per disc required.) Average working speed: 4-5 km per hour. 10, 12 or 14 discs. Disc spacing: 8 in. Underbeam clearance is 24 in. — assures clog-free work in heavy vegetation. Works up to 6 in. in summer fallow, stubble, terracing, etc. Adjustable leveling, penetration, working depth. Heavy-gauge heat-treated disc blades; white iron bearings. Approx. Wts.: 2258 lbs. (1024 kg) to 2595 lbs. (1177 kg).



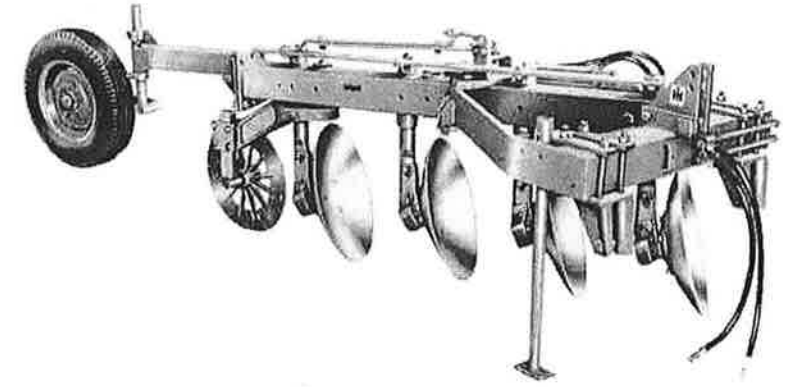
1-46 AND 1-52 TWO-WAY DISC PLOW— FOUR AND FIVE FURROWS

with Category 2 3-point hitch.

- 1-46 fully mounted disc plow in four furrow size.
- 1-52 semi-mounted disc plow in five furrow size.
- Disc blades reversed hydraulically.
- Plows up to 15 inches deep; 9 to 11 in. wide.

The plow beam pivots on a rigid frame with built-in 3-point hitch, Category 2. The beam is shifted sideways by hydraulic power for plowing either to the right or to the left.

A cast steel colter mounted on tapered roller bearings is used in lieu of the conventional gray iron furrow wheel. Hydraulic cylinder, hoses and quick attachable male couplings are standard equipment 28 in. (71 cm) inside bevel discs, are also standard. Disc blades up to 30 in. can be advantageously used. A rubber tire gauge wheel is available as special equipment.



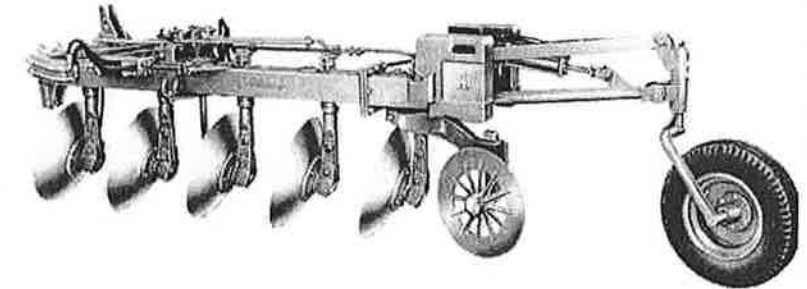
1-52 FIVE FURROW SEMI-MOUNTED REVERSIBLE DISC PLOW

This plow is made by adding two completing packages to the 1-46:

- 779 013 R91 Fifth Disc Attachment
- 779 015 R91 Trailing Cart Attachment

Fifth Disc Attachment includes disc blade, beam extension, stub beam and all necessary parts. Trailing cart attachment includes 3½ x 8 in. (8.9 x 20.3 cm) hydraulic cylinder, pipes, hoses, quick couplers, wheel, etc.

Tractor must have two hydraulic remote control valves.



ME 1-27 TWO-WAY REVERSIBLE DISC PLOW

with 3-Point Hitch (Category 1 or 2) (Manual Shift)

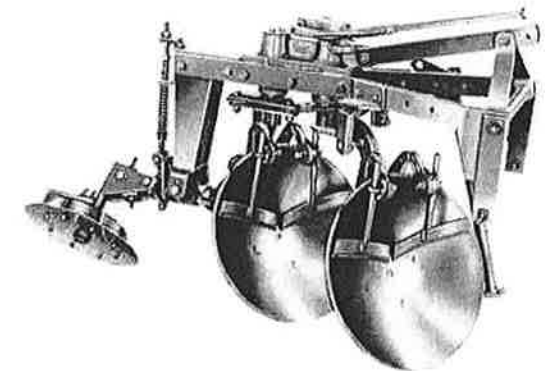
- Discs mounted on disc spindle with tapered roller bearings.
- Simple design, easy to adjust and sturdy construction.
- Right or left-hand plowing ideal for hillside plowing.
- The hydraulic lift.

Designed for use on the B-275, B-434, 523 or any tractor of comparable size. Width of cut adjustable from 8 in. to 10 in. (20 to 25 cm) per disc. Ample clearance under beams.

Excellent where the depth is up to 8 in. (20 cm) in hard soil, and up to 10 in. (25 or 28 cm) in soft soil.

Regular equipment: 26 in. x 1⅞ in. (66 cm x 5 mm) solid inside bevel discs.

Special equipment: Two 778 558 R91 set of scrapers. 26 in. x 1⅞ in. (66 cm x 5 mm) solid outside bevel discs.



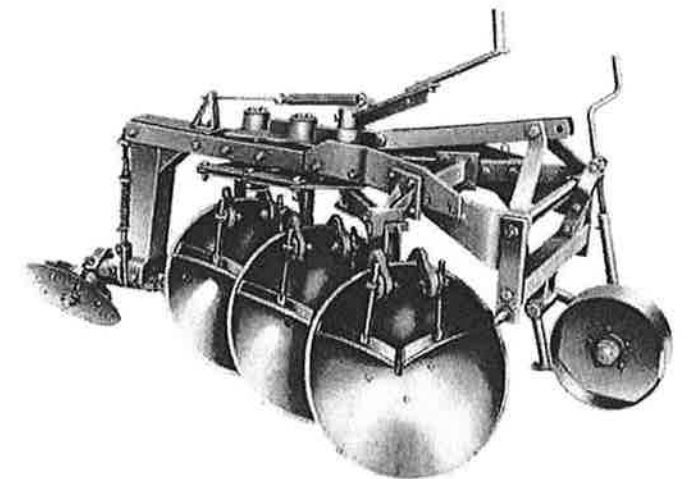
ME 1-36 TWO-WAY REVERSIBLE DISC PLOW

with 2-Point Fast-Hitch or 3-Point Hitch (Manual Shift)

- Three 26 in. (66 cm) discs mounted on disc spindle with tapered roller bearings.
- Sturdy frame.
- Ample clearance under beams for trash.
- Discs are shifted from side to side from the driver's seat.

Designed for use on the International B-450, 523, 624 and similar tractors equipped with Category 2, 3-Point Hitch, or 2-point Fast Hitch. Width of cut is adjustable from 8 in. to 10 in. (20 to 25 cm) per disc. Adjustable gauge wheel.

Special equipment: Three 778 558 R91 Set of scrapers. 26 in. x 1⅞ in. (66 cm x 5 mm) solid outside bevel discs. 659 264 R1 larger furrow wheel, recommended for use when plowing extremely hard or tough soils. 777 316 R91 furrow wheel scraper. 777 902 R91 gauge wheel.



MEXICO SECTION — PAGE INDEX

Products of INTERNATIONAL HARVESTER MEXICO, S.A. DE C.V.

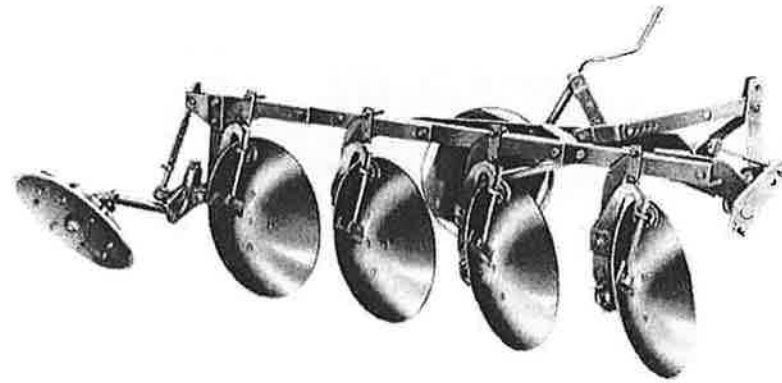
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ME 1-45 FOUR FURROW DISC PLOW

with 3-Point Hitch (Category 2) or 2-Point Fast-Hitch.

- Four disc plow easily reducible to three discs.
 - Width of cut adjustable: 32" to 40" (81 to 102 cm).
 - Ample clearance for trash, weeds and heavy crops.
- Designed for Farmall Super BMD, B-450 and 624 tractors or any standard Category 2, 3-Point Hitch. Has a 2 x 2 3/4 in. (5 x 7 cm) overhead main beam with 21 in. (53 cm) spacings between the discs; heat treated 1 1/2 x 2 3/4 in. (4 x 7 cm) disc stub beam, bolted and clamped to the side of the main beam; gauge wheel which is also used as a stand. Plow is reducible to three discs. 3-Point Hitch adapter or a 2-Point Fast-Hitch adapter available. Orders must specify the type of hitch adapter desired. The 3-Point Hitch adapter for the ME 1-45 plow is available in Category 2 only.



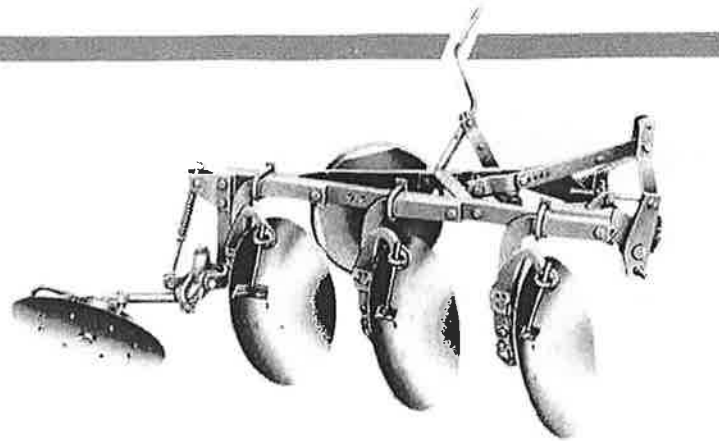
Regular Equipment: 26 in. x 5/16 in. (66 x 5 mm) solid inside bevel discs.

Special Equipment: 26 in. x 5/16 in. (66 cm x 5 mm) outside bevel discs. Four 778 557 R91 scrapers.

ME 1-34 THREE FURROW DISC PLOW

with 3-Point Hitch (Category 1 or 2) or 2-Point Fast-Hitch.

- Three disk plow easily reducible to two discs.
 - Solid discs mounted on spindles with tapered roller bearings.
 - Width of cut adjustable: 24" to 30" (61 to 76 cm).
 - Ample clearance for trash, weeds and heavy crops.
- Designed for use on the B-275, B-434 and 523 tractors or any other similar power with 3-Point Category 1 or 2 hitch. Has two 2 x 2 3/4 in. (5 x 7 cm) overhead main beams with 21 in. (53 cm) spacings between the discs. Heat treated 1 1/2 x 2 3/4 in. (4 x 7 cm) disc stub beams, bolted and clamped to the side of the main beam. Gauge wheel which is also used as a stand. This plow is reducible to two discs. A 3-Point Hitch adapter or 2-point Fast-Hitch adapter is available. The 3-Point Hitch adapter for the ME 1-34 plow is available in Category 1 or 2.



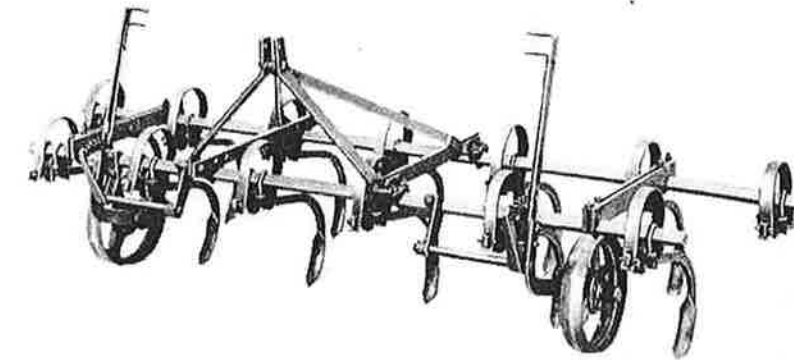
Regular Equipment: 26 in. x 5/16 in. (66 cm x 5 mm) solid inside bevel discs.

Special Equipment: 26 in. x 5/16 in. (66 cm x 5 mm) outside bevel discs. Three 778 557 R91 scrapers.

Products of INTERNATIONAL HARVESTER FRANCE

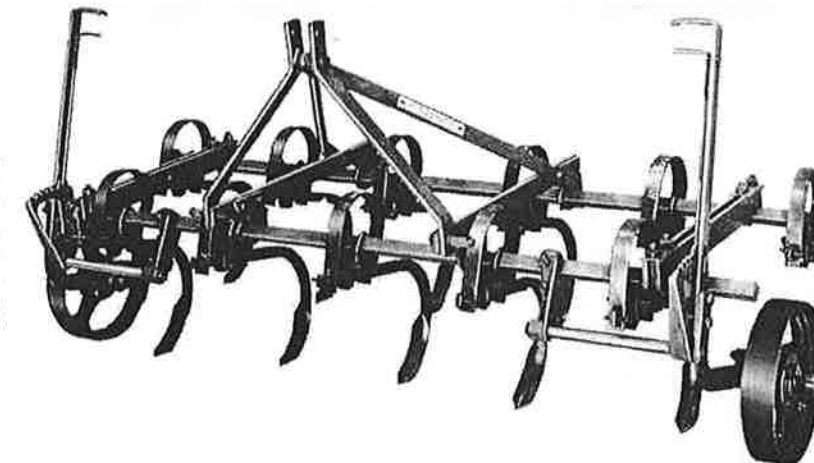
2-30 3-POINT FIELD CULTIVATOR

Has 11 teeth, 78-inch working width, for use with tractors of 17 hp, minimum, 3-point hitch (Category 1) and hydraulic lift. Teeth are wide-spaced, staggered mounting, with ample clearance for non-clog working in trash. Prepares seedbeds, cultivates orchards and vineyards, for summer fallowing, etc. Quick, effortless hydraulic operation side-to-side float allows cultivator to follow ground contour. Optional tooth models: crimped spring teeth with reversible double-point shovels — stiff vibrator teeth with triangular full sweeps. Working width: 78 in. (200 cm). Maximum working depth: 6 in. (15 cm). Approx. Wt.: 311 lbs. (141 kg) to 390 lbs. (177 kg).



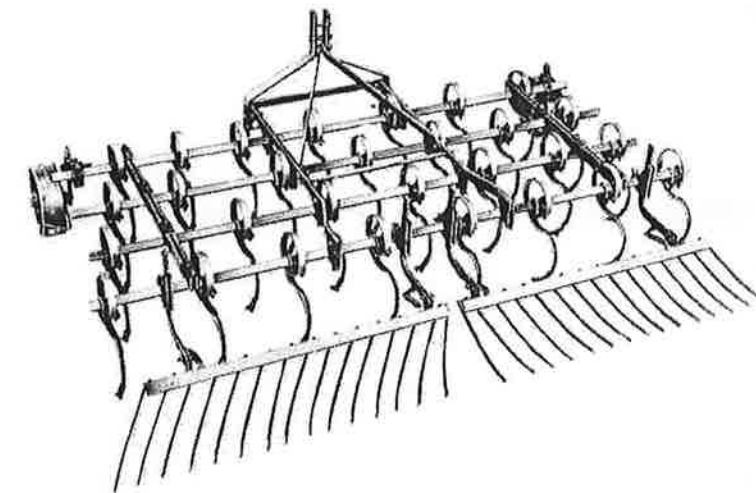
2-33 3-POINT FIELD CULTIVATOR

Available with 13 stiff teeth or 15 spring teeth. Works with tractors of minimum 20 hp, with 3-point hitch (Category 1) and hydraulic lift. For low-cost preparation of seedbeds, summer fallowing, orchards and vineyards, etc. Wide-spaced teeth are staggered mounting with ample non-clog clearance. Has side-to-side float, solid square steel tool bars. Available: crimped spring teeth, and stiff vibrator teeth. Works to depth of 6 in. (15 cm); working width is 118 in. (300 cm). Approx. Wt.: 335 lbs. (152 kg) to 417 lbs. (189 kg).



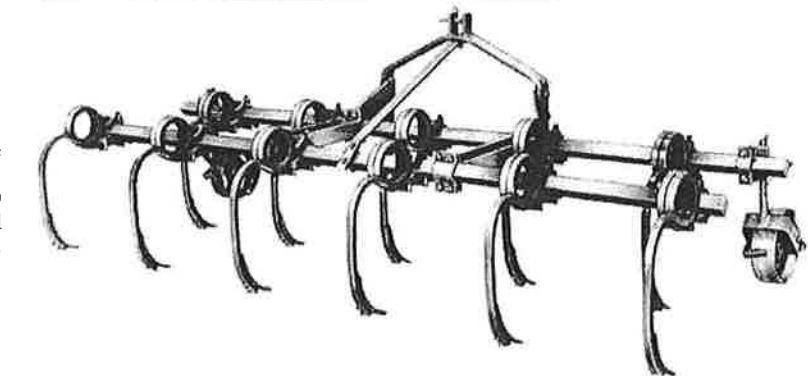
2-200 3-POINT FLEXIBLE TINE CULTIVATOR

This light, versatile machine has four bars, a two-section drag harrow and 22, 25, 29, or 34 tines. Tines easily set; drag harrow is readily folded up when not needed. For speedy preparation of seedbeds, soil cultivation, stubble plowing, etc. Requires minimum 25 hp tractor with 3-point hitch (Categories 1 or 2) and hydraulic lift. Has staggered tines, and double-pointed chisel or triangular sweep. Features simple design, few parts, multi-job adaptability. Works at 5 miles per hour, at widths 78 in. (200 cm) to 137 in. (350 m).



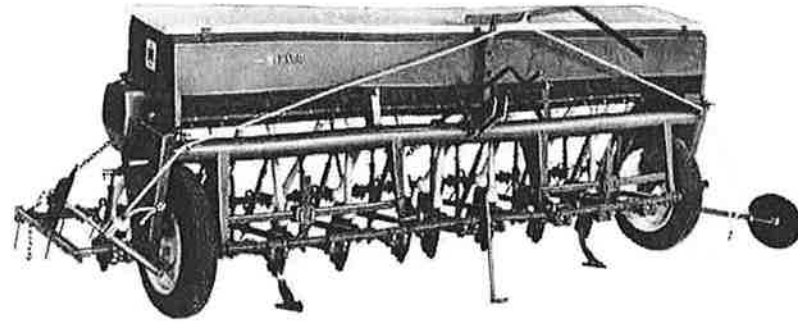
30-11 HEAVY-DUTY TOOL BAR

Rugged 2-inch square solid steel bar, in three available lengths: 78, 98 and 118 inches. Double-bar attachment allows adjustable fore-and-aft clearance. Has clamp-on coil spring shanks, adjustable to desired spacings. Minimum tractive power: 20-30 hp. Has long and short shanks, for cultivating, aerating hard soils, seedbeds, etc. Working depth: to 10 in. (25 cm). Approx. Wt.: 381-503 lbs. (173-228 kg).



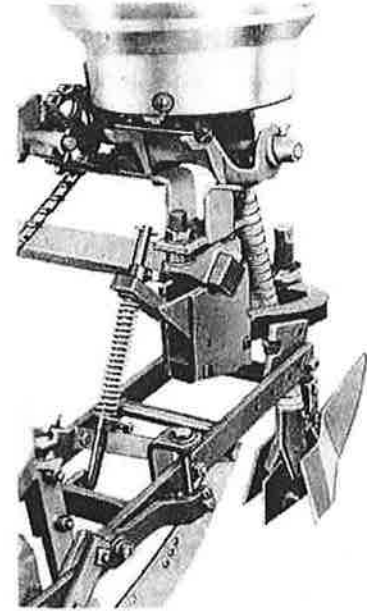
6-500 3-POINT MOUNTED GRAIN DRILL

For use with any tractor having hydraulic lift and 3-point hitch (Category 1 or 2). Large-capacity metal hopper can contain 160 litres of grain per meter of length. Two models: 134 in. (340 m), and 157½ in. (400 m) widths; 13 and 16 furrow-openers (with extensions, 15 and 18). Hopper cover is one-piece, water-tight. Has inside agitator, which may be uncoupled—classical feed system, with splined blocks—two drive speeds (two sets of gears fixed on each side of hopper). Double-disc or shoe type furrow-openers may be used. Output is lever-adjusted.



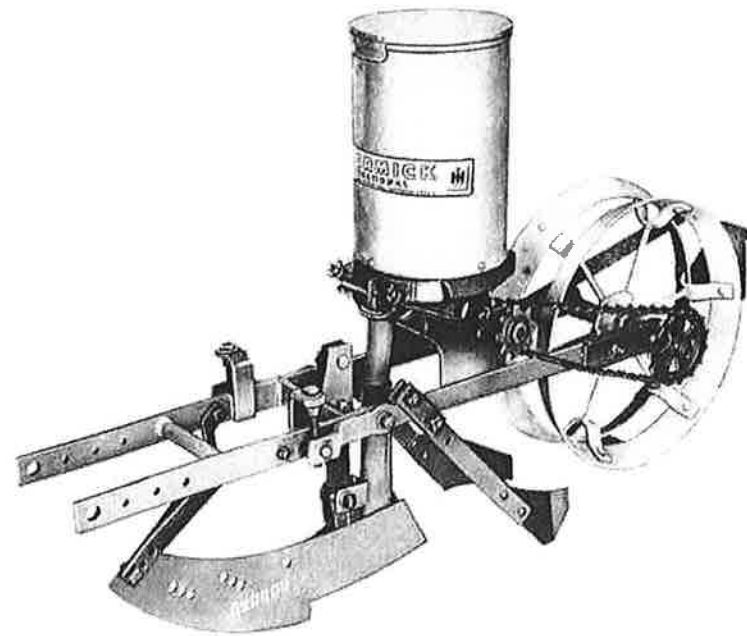
31-118 FERTILIZER UNIT

For use with 14-184 Corn Planting Unit. Simple attaching device clamps on corner-mounted tool bars, such as McCormick-International Model 30-11. Usually, as shown, fertilizer unit and corn planter are attached to same tool bar and operated together. (Illustration shows bottom of fertilizer unit hopper, steel ribbon delivery tube and split-row boot applicator.) Note adjustable stop ring on tension rod. Available for use with single and multiple-row operation.



14-184 CORN PLANTING UNIT

One-row drill planting unit has straight-side hopper, drive-and-press wheel, and runner-opener unit. Hopper is 48 in. (122 cm) in height—is driven by chain-and-sprocket drive from large-diameter open center wheel. Minimum row spacing is 16 in. (41 cm). Permits exceptionally uniform, accurate drill planting at moderate tractor speeds. Planting distance in row may be altered by selecting one of two hopper speeds, changing sprockets. Has several edge-drop seed plates to match different corn seed sizes. Features low hopper profile with 11-inch seed fall—covering blade attachment—20-inch press wheel with scraper. Approx. Wt.: 170 lbs. (77 kg).

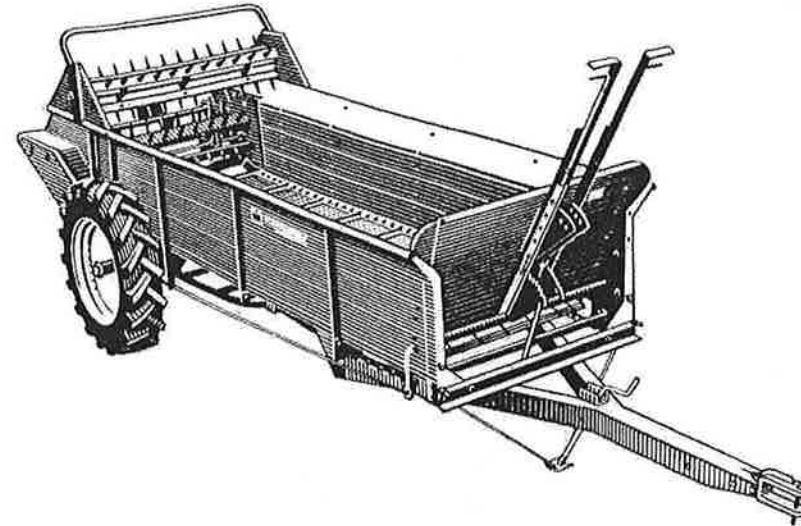


B28-30 MANURE SPREADER

Large capacity ground drive spreader with 5 spreading rates. Like the B-200 it has a tapered box design reduces drag on conveyor. Dual clevis or ring hitch.

SPECIFICATIONS:

Box capacity	95 bushel or approx. 2½ tons
Length of box	9 ft. 10 in.
Width of box	Front 3 ft. 3¼ in. Rear 3 ft. 5 in.
Depth of box	1 ft. 9¾ in.
Height of top of box from ground	3 ft. 6 in.
Overall width	6 ft. 2½ in.
Construction	Steel frame with wooden floor and wooden sides with steel capings.
Tire size, 4-ply tractor grip	7.50-20
Approx. weight	14 cwt.

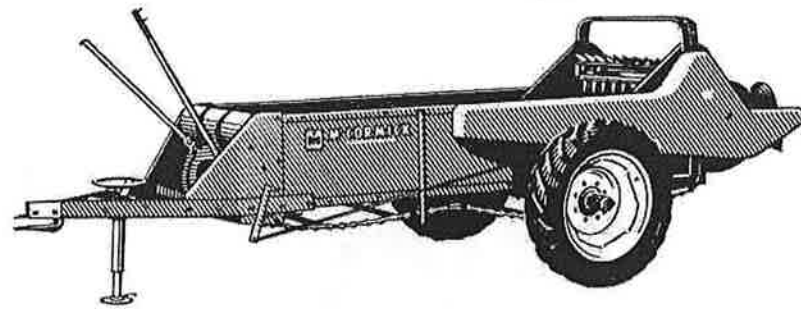


B-200 MANURE SPREADER

Having low sides, the B-200 is easy to handfill or tractor load. Wide range of spreading rates. Beaters completely shred all types of manure. Ring or clevis hitch.

SPECIFICATIONS:

Box capacity	approx. 1½ tons
Length of box	9 ft. 2 in.
Width of box	Front 3 ft. 5 in., Rear 3 ft. 6¾ in.
Depth of box	1 ft. 5½ in.
Height of top of box from ground	3 ft. 1 in.
Overall width	6 ft. 6 in.
All steel construction with heavy reinforced wood floor, preservative impregnated.	
Tire size (Tractor implement 4-ply)	7.50-20
Approx. weight	12 cwt.



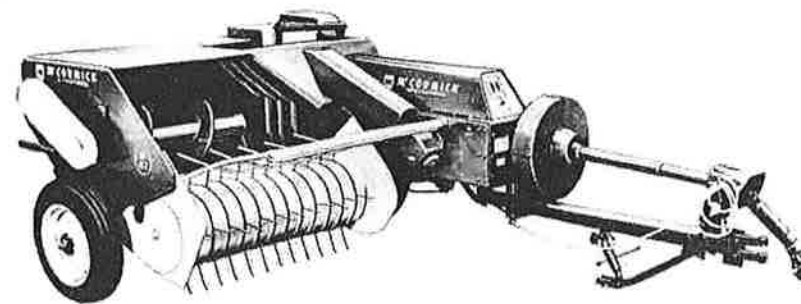
B-47 BALER

The B-47 Baler operates at speeds up to 85 strokes per minute. This high output is achieved by speed of the ram, the large deep pick-up area, short floating auger and the large hay reserve area and feed opening.

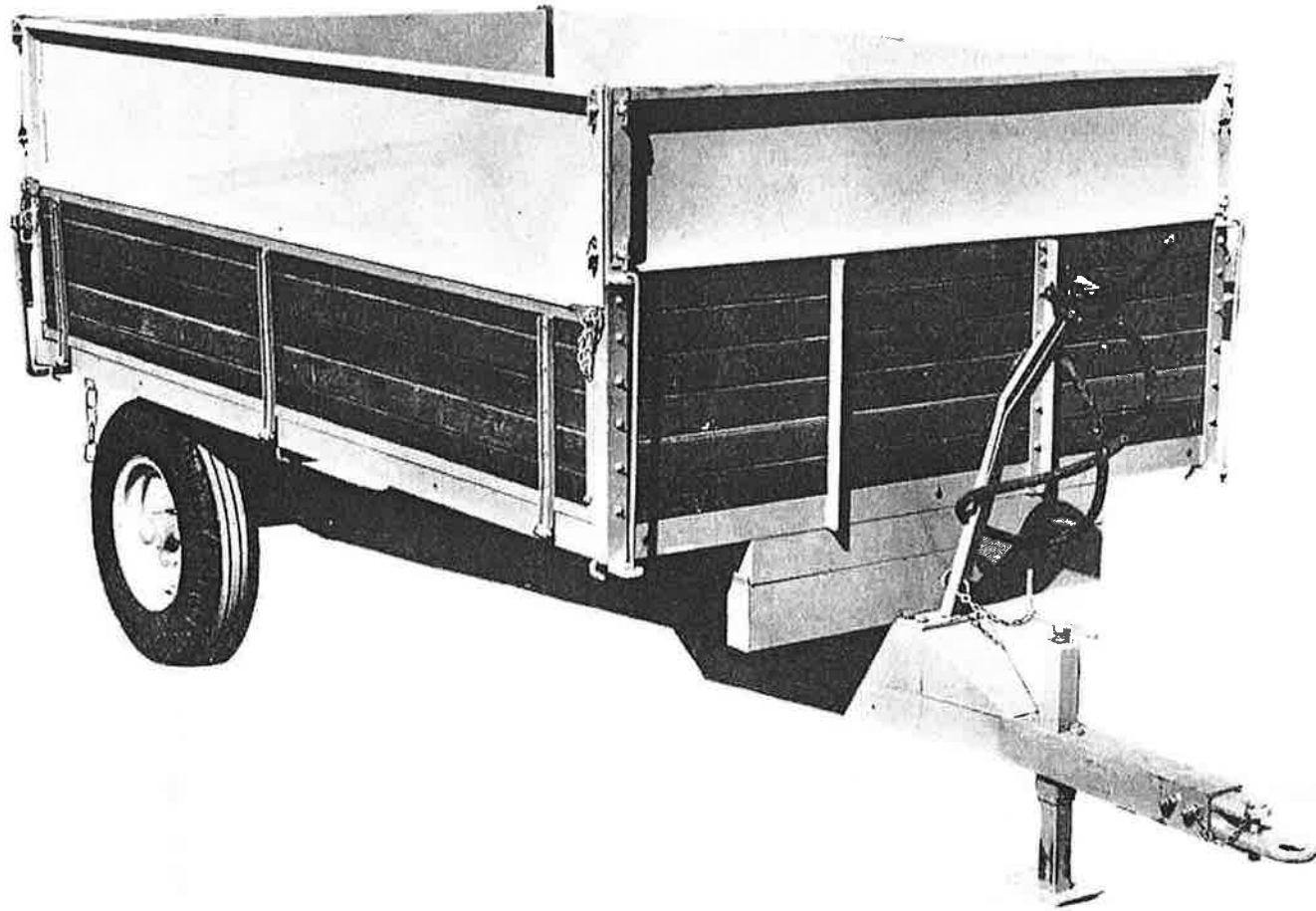
Remote control Dial Hitch, only four daily grease points, a low profile for better view of bales-out-of-chamber and three shear bolts, all of the same size. Reversible knives. Automatic type power train. Heavy-duty gear and shaft drives.

SPECIFICATIONS: (see N.I.A.E. Report 547)

Type	pto driven, twine or wire tying
Bale size	14 in. x 18 in. cross section, 18-42 in. long
Pick up, width	52 in.
Width with flares	57 in.
Depth of feed deck opening	26½ in.
Number of tine bars	5
Plunger	Speed up to 85 strokes per minute 3-point mounted on 2-sealed roller bearings and one wear block.



McCORMICK INTERNATIONAL 12-1 and 12-2 TRAILERS



These 3½ ton trailers have a 6 in. x 3 in. rolled steel channel heavy duty chassis. The 12-1 has tongued and grooved, grain-proof sides and floor, set into heavy gauge welded steel frames and rot proof treated, Keruing hardwood provides strength and resilience. The 12-2 has an ½ in. steel plate floor and heavy duty front, sides and tailboards. Large section tires and a high tipping angle. Attachments include silage sides interchangeable with the grain extension sides. The quick release lever on the tailboard and optional rear door automatic locking device are important operator conveniences. A two-in-one screw jack and shoe built into the drawbar and encased in a box section to keep the screw free from mud.

SPECIFICATIONS:

Both trailers have:

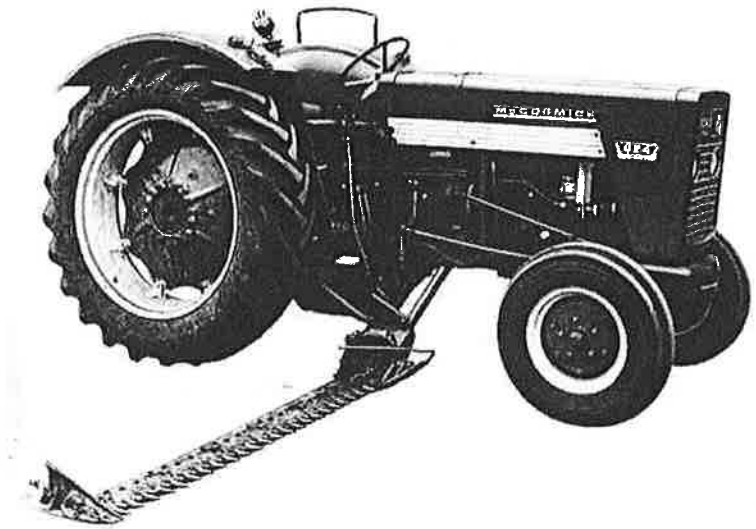
- Choice of 5-axle positions.
- Combined clevis and ring hitch.
- Hand parking brake.
- Double acting tailboard — hinged from the top (2 slip pins) or from the bottom (quick release lever).

Dimensions:

Overall length	14 ft. 2 in.
Inside length	10 ft. 0 in.
Inside width	6 ft. 0 in.
Inside depth	1 ft. 6 in.
Tires — heavy duty	7.50 x 16 8-ply
Weight (standard trailer)	1,876 lbs.

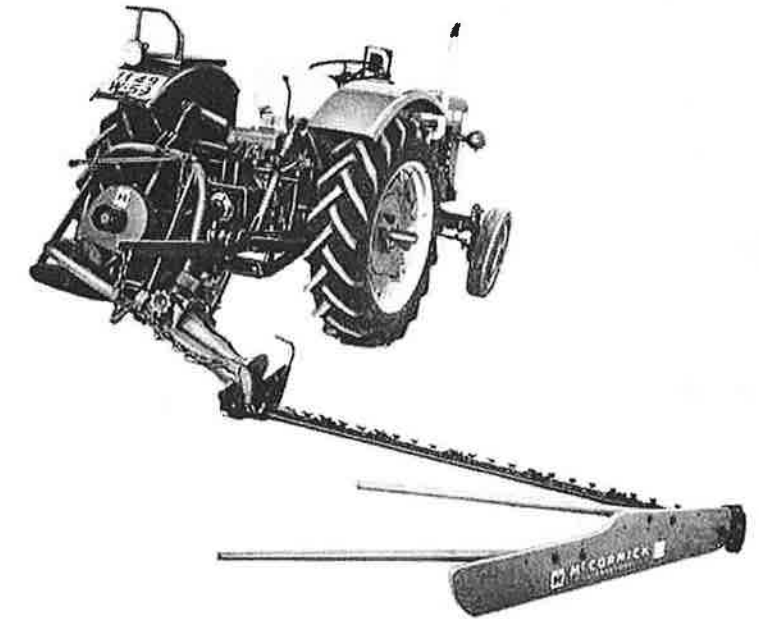
4-15 MOWER

Side-mounted on tractor, for 5- or 6-foot cut. Solid, rigid construction — easy to hitch, maneuver. Powered through transmission box of tractor. Torque limiter, running in oil bath, protects drive mechanism. Operator readily tilts cutter bar, raises it vertically and horizontally to pass over field obstacles. In transporting, cutter bar is raised to vertical position. Mower can also work with bar vertical when trimming hedges, etc. PTO-driven. Cutting angle: 0 to 90 degrees. Approx. Wt.: 141 kg, with 6-ft. cutter bar.



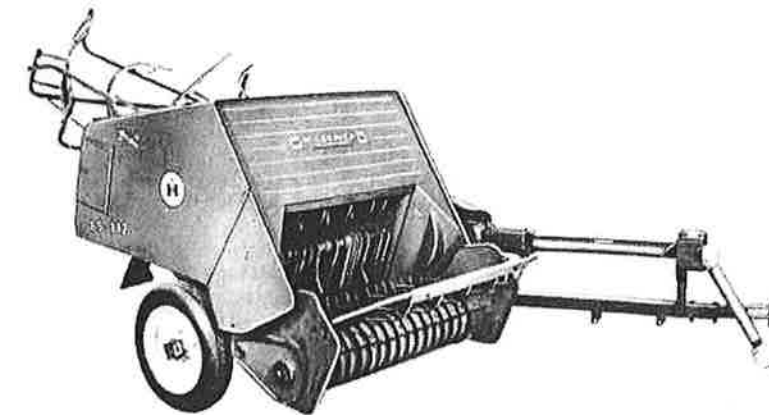
4-13 MOWER

For use with tractors having 3-point hitch (Category 1 or 2). Strong, rigid frame, for 5- or 6-foot cut. PTO driven through automotive-type telescoping drive shaft. Many safety devices, including automatic release bar that allows cutter bar to swing backwards when meeting large obstacle. Tilt of cutter bar is readily varied by operator's lever. Approx. Wt.: 500 lbs. (227 kg) with 6-ft. bar.



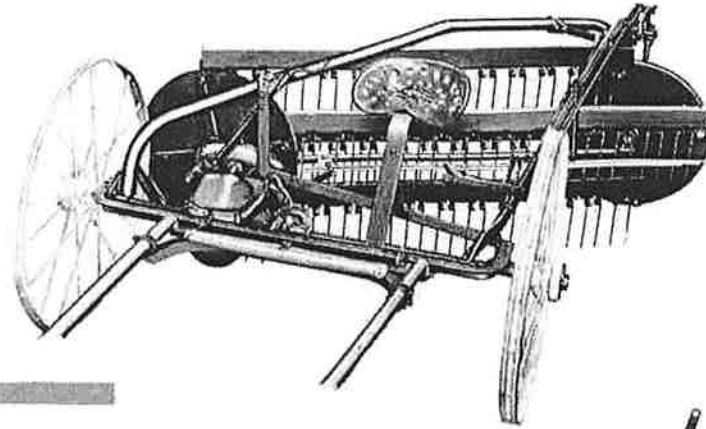
5-112 LOW-DENSITY PICKUP BALER

For last stage of mechanized fodder harvest, following combine. Crop can be baled quickly by operator, alone, in bales weighing 11 to 40 lbs., according to size and type of crop. This twine-tying baler can be equipped with 1½" or 1¾" pto, or with auxiliary engine and tractor hitch. Machine has high output. Crops can be baled before drying completely, and bales can finish curing in field. Advantages of mechanical baling include: fodder storage space is reduced; no pitch-fork work required; crop can be gathered in quicker, reducing risk of crop spoilage; bales keep nutritive values better, resulting in a higher quality fodder; and it is not necessary to shock up the crop. Overall length: 15 ft. 11 in. (485 m). Height: 9 ft. 6½ in. (290 m). Number of bales per minute: 2 to 10. Approx. Wt.: 1642 lbs. (745 kg), including bale-chute and trailer hitch.



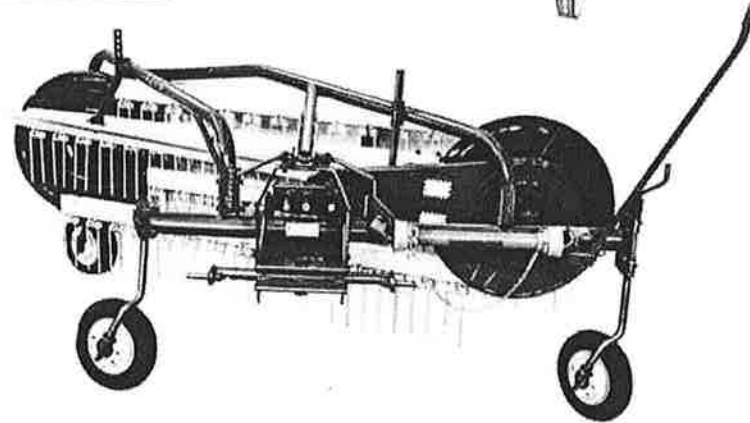
21-1 SIDE DELIVERY RAKE AND TEDDER

Sturdy, ground-driven, horse-drawn machine has four tooth-bars on rotary drum. Rotation is reversed for tedding. Spring-mounted double teeth are individually removable, replaceable. Light but strong construction, easily drawn by one horse. (Two-horse, ox and tractor hitches also available.) Driven by the large-diameter main wheels, gear train runs in oil bath. Rotary drum height is adjustable; pivoting caster wheel has pneumatic tire. Raking width: 6 ft. (1.80 m). Tines to each bar: 20. Capacity: two 3½ ft. swaths, or one 5- or 6-ft. swath. Approx. Wt.: 844 lbs. (383 kg).



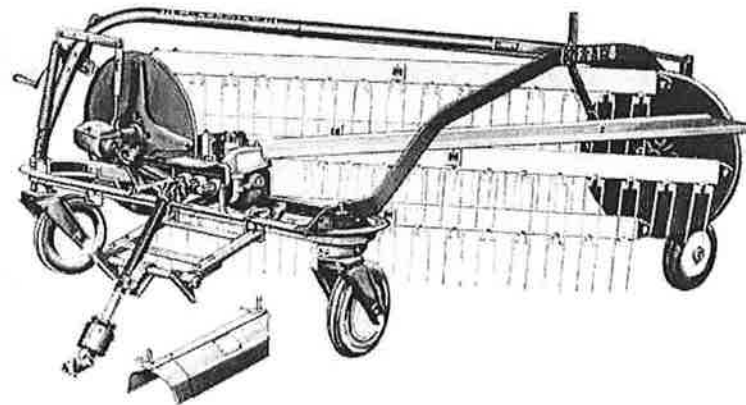
21-7 SIDE DELIVERY RAKE AND TEDDER

Designed for pto and belt drive — for use with any tractor having 3-point hitch (Category 1 or 2). Rugged, rigid main frame supports two arches and driving parts. Locks simply into five different working positions, 72-106 in. (1.05-2.70 m). Double spring teeth move, collect hay without damage — for perfect windrows and well-aired swath, with no hay entanglement. Machine stability assured by two pivoting gauge wheels with pneumatic tires. Power transmitted from tractor pto by telescoping enclosed universal shaft. Pulleys, belts completely enclosed in metal housing. Maximum capacity: two 59 in. (1.50 m) swaths. Delivery: right-hand raking, left-hand tedding. Approx. Wt.: 785 lbs. (356 kg) with pull bar.



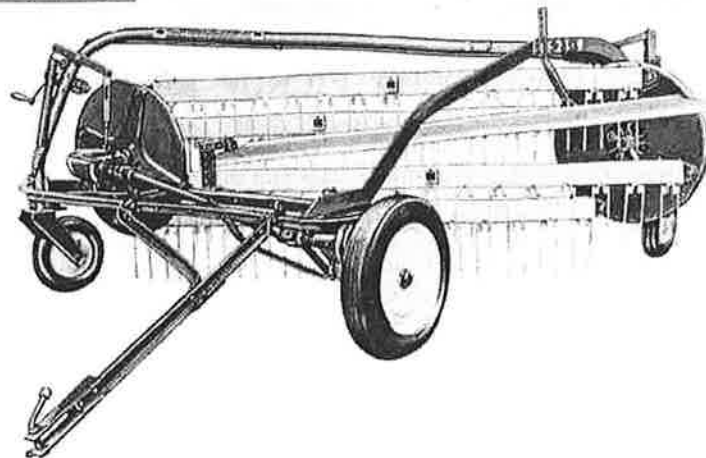
21-8 SIDE DELIVERY RAKE AND TEDDER

A strongly-built, highly maneuverable rake and tedder, with left-side delivery. Trailed and pto-driven. For use with tractor having transversal drawbar (preferably 3-point hitch). Working widths from 59 to 107 in. (1.50 to 2.71 m) — takes up to two 5-foot swaths, leaving no crop. Rugged main frame bears two arches supporting drum. Four tooth-bars bear spring-mounted double teeth. PTO-driven, with two tedding speeds (157 and 95½ rpm), and one raking speed (95½ rpm). Adjustable hitch provides 7 working positions, 2 transport positions. Approx. Wt.: 833 lbs. (378 kg).



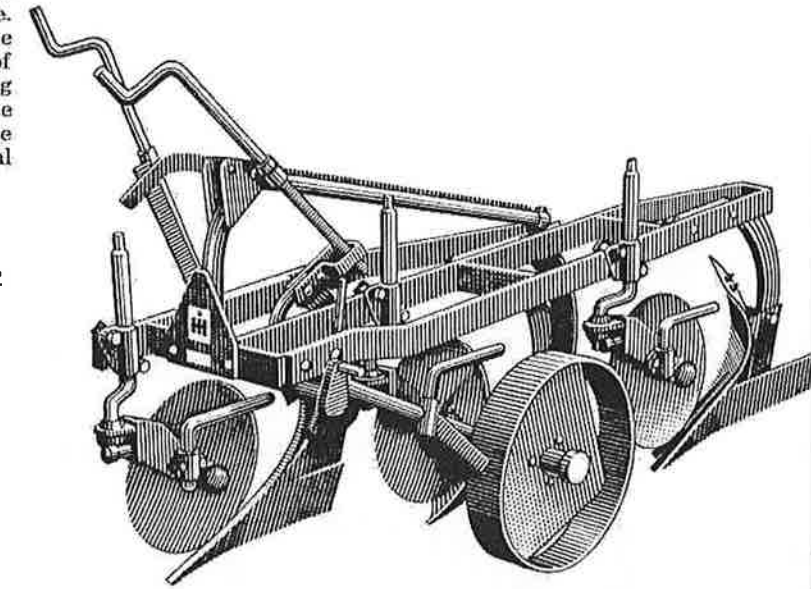
21-9 SIDE DELIVERY RAKE AND TEDDER

Ground-driven, easily maneuvered — can be trailed behind any tractor with sufficient power and horizontal drawbar. Side-delivery operation; working widths vary from 5 ft. to 8 ft. 10 in. Will take up to two 5-foot swaths. Four toothbars, spring-mounted double teeth. Drum is driven by the driving directional wheel, through telescoping drive shaft with universal joints. Tedding speeds: 145 and 87 rpm. Raking speed: 87 rpm. Machine may also be used with side-mounted mower. Approx. Wt.: 904 lbs. (410 kg).



B-12 & B-13 GENERAL PURPOSE 2 & 3 FURROW PLOWS

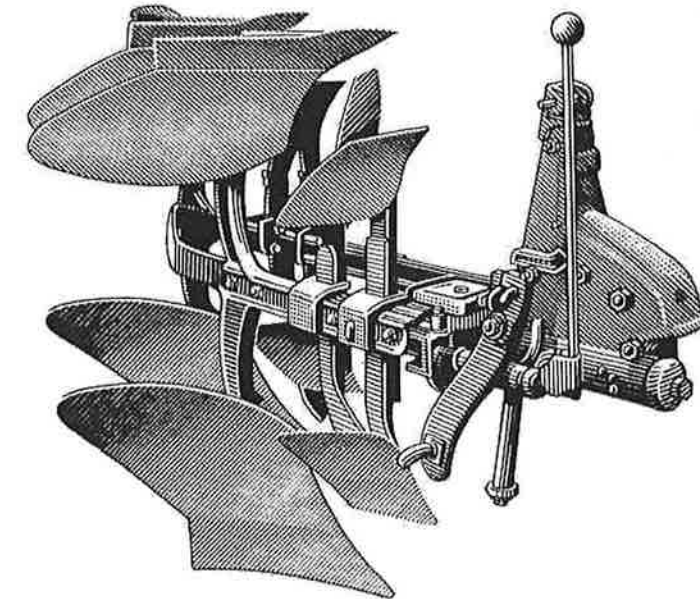
The B-12 and B-13 Plows are ideally suited to all makes of medium size tractors fitted with category 1 3-point linkage. Frames are welded units of rectangular section high tensile steel. Furrow widths are adjusted by changing the position of the stub beams relative to the frame, this movement being effected by changing only two bolts to each beam and three bolts in altering the tubular headstock position. No blocks are used. The B-12 can be converted to a B-13 with the additional frame and plow bottom.



SPECIFICATIONS:	B-12	B-13
Number of furrows	2	3
Furrow widths adj. to (in.)	10, 12, 14	9, 10, 11, 12
Category	1	1
Clearance:		
Vertical (in.)	22	22
Fore/Aft (in.)	24 or 30	24
Adjustable headstock	Yes	Yes
Convert to (furrow)	3	2
Overall length	6 Ft. 2 in.	8 Ft. 0 in.
width	4 Ft. 0 in.	4 Ft. 0 in.
Weight approx. lbs. ACE Bodies	530	780
Type of Body	Max. Depth	Max. Depth
ACE 3 Part GP with replaceable Skim, in.	8 to 9	12
MPB 10 Ley/G.P., in.	7	10
W10 Semi-Digger, in.	10	12
REX Semi-Digger, in.	10	12
H.F.P. Digger, in.	12	14

B1-23 & B1-22 REVERSIBLE TWO-FURROW PLOWS

A simple mechanical reversing mechanism operated by a lever from the tractor seat is positive and requires no hydraulic valves or connections. Adjustments of the front furrow width and vertical settings is by positive screw adjustment. The 'Classic' fore-carriage is available with category 1 or 2 hitch pins. The 'Super' fore-carriage has dual category hitch pins mounted on independent swivel arms for ease of hitching. A safety device giving 25° vertical pivot to the rear carriage protects the plow. Wide choice of equipment available, including knife-coulters and double-arm disc coulters.



SPECIFICATIONS:	B1-22	B1-23	
Number of furrows	2	2	
Furrow widths, in.	12, 14	11, 13	
Clearance:			
vertical, in.	24	24	
Fore/Aft, in.	29	29	
Overall length	7 Ft. 10 in.	7 Ft. 7 in.	
Weight approx. lbs. (Y bodies and depth wheel)	860	780	
BODIES	Type of Body	Max. Depth	Max. Depth
ACE	3 Part GP with replaceable skim, in.	8 to 9	12
H.H. Plain and bar point shares are available	Semi-Digger, in.	11	13

		B1-22	B1-23
Y Plain and bar point shares are available	Digger, in.	14	14
10 or 12 in.		13	13
P	Digger, in.	14	14
10 in.		13	13

120 DISC HARROW

Four types of harrow . . . Tandem, Flexible Tandem, Heavy Duty Single Gang and Light Duty Single Gang . . . ideal for heavy cultivation, breaking up hard soils, etc. Supported by heavy duty channel frame, the gangs can be set easily and quickly to any angle from straight to full cut. The rear gangs can be adjusted laterally.

SPECIFICATIONS:

Frame	3 in. (7.62 cm) channel (folding)
Working width	7 ft. 6 in. (228.6 cm)
Gang bars	2 in. (5.08 cm) by 4 in. (10.16 cm) by 6/32 in. (4 cm)
Arbor bolts	1 1/8 in. (2.86 cm) square
Bearings	Heavy-duty triple-sealed
Disc size	18 in. (45.72 cm) or 20 in. (50.8 cm)
Disc type	Plain or notched
Number of discs	22 20-in. (50.8 cm) or 24 18-in. (45.72 cm)
Gang angling	Screw adjustment 6-20 in.
Three point linkage	Category 1
Spacing 22 Disc model	10 front discs @ 9 in. (22.86 cm) 12 Rear discs @ 7 1/2 in. (19.05 cm)
Spacing 24 Disc model	12 Front discs @ 7 1/2 in. (19.05 cm) 12 Rear discs @ 7 1/2 in. (19.05 cm)
Weight 22 Disc Model	811 lbs. (407.42 kg)
Weight 24 Disc Model	850 lbs. (425.56 kg)

130 DISC HARROW

Suitable for 50-60 hp tractors, the 130 disc harrow has immense strength. Exclusive IH "tuf-Edge" blades reduce breakage. Gangs can be set to any angle from straight to full cut with aid of handcrank. No tools required. Prelubricated triple sealed ball bearings.

SPECIFICATIONS:

Working width	9 ft.
Frame	4 in. Channel (rigid)
Gang bars	2 in. x 4 in. by 1/4 in. tubular
Arbor bolts	1 1/8 in. square
Bearings	Heavy duty triple sealed
Disc size	20 in. or 22 in.
Disc type	Plain or notched
Number of discs	26-20 in. or 24-22 in.
Gang angling	Screw crank adjustment
Three point linkage, Category	1 or 2

30-112 TOOLBAR

All-steel headstock has three built-in pin settings to obtain the best linkage machine attachment positions. All the clamps interchangeable. Choice of four shanks: coil spring shank, stiff shank, curved shank and ridging body. Double edged and interchangeable points.

SPECIFICATIONS:

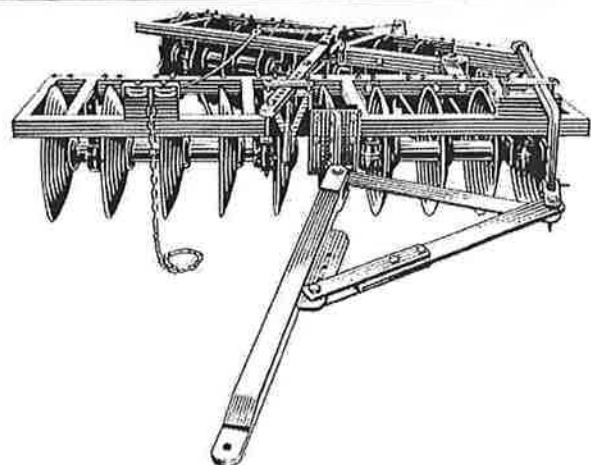
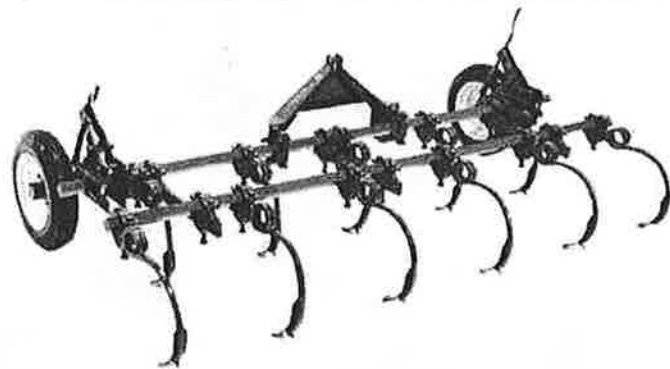
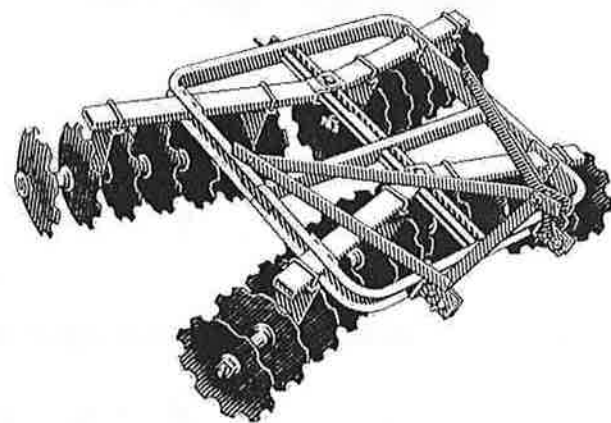
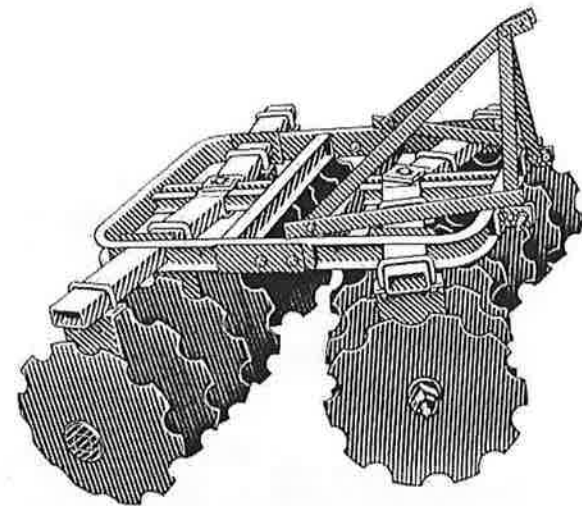
- 1st 2 1/4 in. sq. solid steel beam 8, 10, or 12 ft.
- 2nd 2 1/4 in. sq. solid steel beam 8, 10, or 12 ft.
- Attachment bars 1" x 3" x 31" for 2nd beam.
- Gauge wheels (set of 2) with pneumatic 6.50 x 16 tires and tubes.

B3-1 DISC HARROW

Designed for all crawler tractors. Box channel Main frame. Angling is simple, being controlled by the operator from the tractor seat. Angling Bar is cable-controlled for turning. White iron metal bearings; grease gun lubrication.

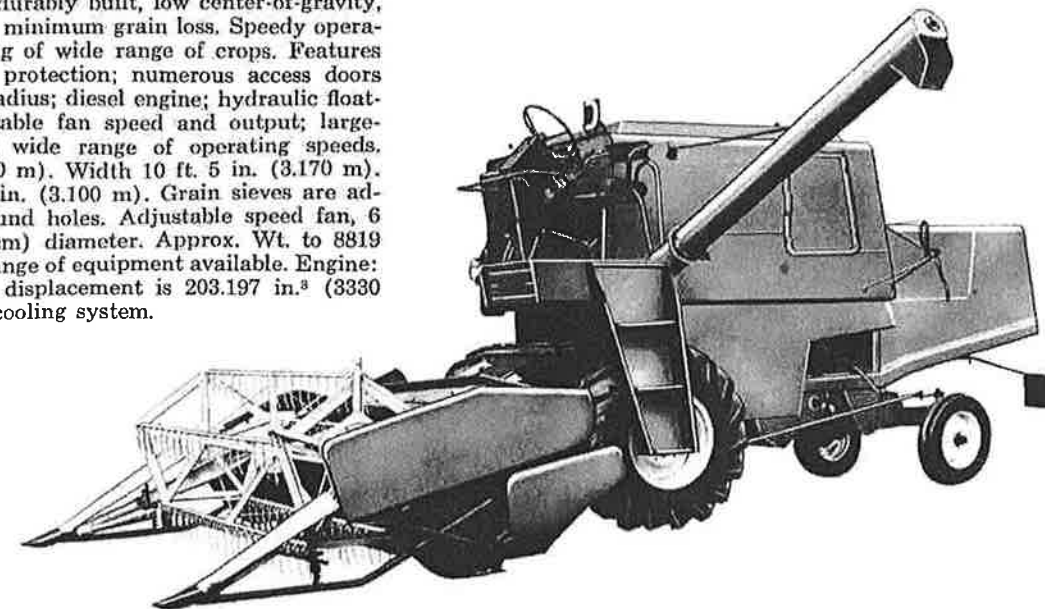
SPECIFICATIONS:

Disc Type	Plain or notched			
Bearings	Hard white iron with double ring thrust flanges; pressure gun lubricated.			
9 in. Disc Spacing				
Model	20 disc	24 disc	28 disc	32 disc
Width, (cutting) ...	7 ft. 6 in.	9 ft. 0 in.	10 ft. 6 in.	12 ft. 0 in.
Disc diameter	24 in.	24 in.	24 in.	24 in.
Weight approx. lbs....	2246	2688	3136	3584
Available with:	Pneumatic transport wheels Weight trays Disc scrapers			



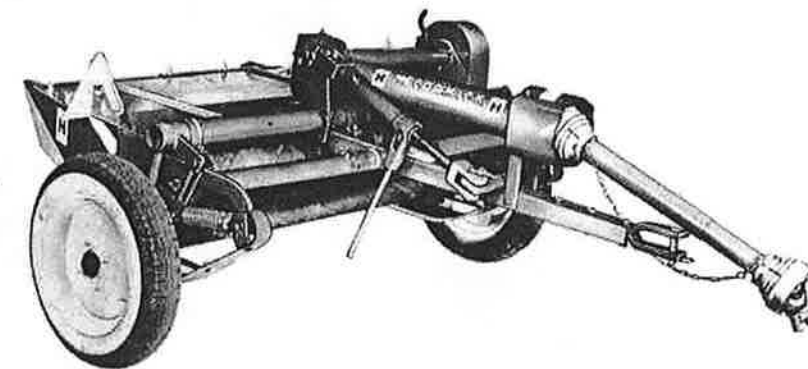
8-41 COMBINE

Self-propelled harvester-thresher, with 8, 10 or 13-ft. feed platform. Easy-handling, durably built, low center-of-gravity, full visibility for operator, minimum grain loss. Speedy operation for efficient harvesting of wide range of crops. Features include: complete safety protection; numerous access doors and ports; short turning radius; diesel engine; hydraulic floating feed platform; adjustable fan speed and output; large-capacity grain reservoir; wide range of operating speeds. Length: 27 ft. 1 in. (8.260 m). Width 10 ft. 5 in. (3.170 m). Height: Approx. 10 ft. 2 in. (3.100 m). Grain sieves are adjustable type, or with round holes. Adjustable speed fan, 6 blades, of 14 1/2 in. (37.8 cm) diameter. Approx. Wt. to 8819 lbs. (4000 kg). Complete range of equipment available. Engine: 58-60 hp — 4 cylinders — displacement is 203.197 in.³ (3330 cm³) — water and pump cooling system.



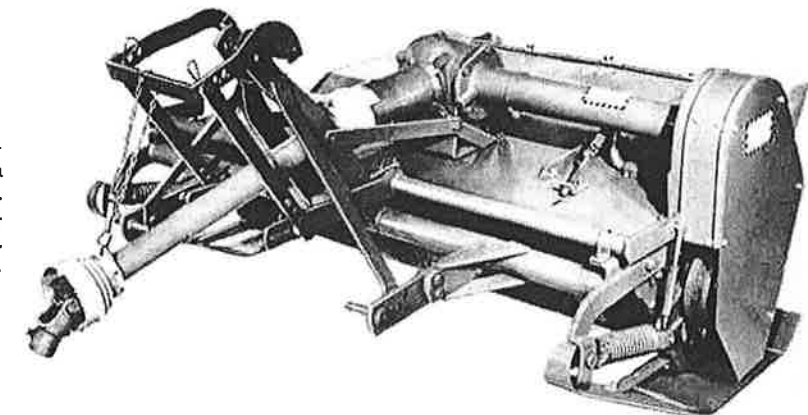
42-4 TRAILED TYPE HAY CONDITIONER

Designed for trailing by tractor of minimum 22 hp — picks up cut hay, crushes it between rubber rollers, and feeds out as well-aerated fluffy swath. Greatly speeds drying, curing. Power train utilizes universal drive shaft, oil-bathed gear box, "Poly-V" belt running on grooved sheaves. The two crushing rolls are of reinforced cord rubber. Crushing pressure is variable, according to material handled. Drawbar hitch, with yoke and pin. Simultaneous use with mounted mower is recommended. Wheel tread width: 73 3/8 in. (1.87 m). Approx. Wt.: 853 lbs. (387 kg) without manual lifting device.



42-5 3-POINT HITCH HAY CONDITIONER

Has same general features and design as the 42-4 trailed conditioner. Model 42-5 is used with any tractor with minimum 22 hp and hydraulic lift, with 3-point hitch (Category 1 or 2). Roll opening is automatic when machine is raised. Same transmission design, as Model 42-4. Wheel tread width: 46 1/2 in. (1.18 cm). Approx. Wt.: Complete machine, 794 lbs. (360 kg).



WEST GERMANY SECTION — PAGE INDEX

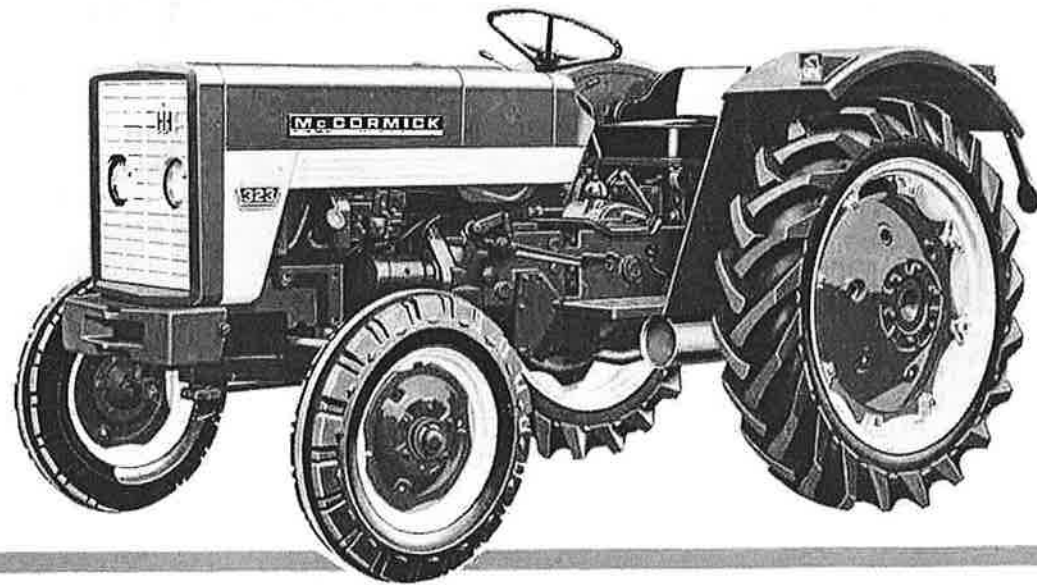
Products of INTERNATIONAL HARVESTER COMPANY m.b.H. (GERMANY)

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37	423 DIESEL TRACTOR	39	624 TRACTOR

McCORMICK INTERNATIONAL 323 DIESEL TRACTOR

Robust construction, smooth responsive engine and the simplest, most practical easy-shift transmission make the 323 McCormick International Diesel tractor favourite of its class. It incorporates all the McCormick benefits in economy, safety and ease of operation plus the unique McCormick up-to-the-minute styling. "Live" hydraulic power is at your fingertips the very moment the engine starts to purr. For remote-controlled implements

there's ample power and provision for additional control valves. The 323 is available with the all-new 16 + 4 transmission and, of course, the SPEED/POWER Amplifier plus a completely independent power take off. Optional adjustable suspension seat, well arranged instrument panel, easy-to-reach controls and simplified maintenance, afford the operator optimum comfort and convenience. Ask your dealer for a demonstration TODAY.



SPECIFICATIONS

Engine	
IH D-111 3-cylinder, 4-stroke Diesel, pre-combustion type	
Max. gross output, hp	27
Max. intermittent net output, hp	25.4
Rated engine speed, r.p.m.	1900
Max. torque, lb. ft. — mkg	75 10.4
at speed, r.p.m.	1400
Bore, in. — mm	3 7/16 87.3
Stroke, in. — mm	4 101.6
Piston displacement, cu. in. — cm ³	111 1825
Compression ratio	19:1
Battery	
12-volt, 84 Ah, dry-precharged	
Clutch	
Single-plate, dry type	
Diameter, in. — mm	9 230

Capacities	
Fuel tank, gal. — ltr.	15.8 60
Crankcase, gals. — ltr.	1.1 4
Transmission case, gals. — ltr.	9.1 34.5
Hydraulic system, gals. — ltr.	3.4 13
Cooling system, gal. — ltr.	2 7.5

Weight	
with standard equipment, lbs. — kg	3890 1768

Standard Equipment

IH D-111 Diesel engine; battery; 20 km/h transmission version; AGRIMATIC 8+2 transmission with single clutch and P.T.O. 570 r.p.m. or 16 4 transmission with Speed Amplifier, double clutch and P.T.O. 540 r.p.m.; rigid front axle with adjustable fender; outer front weight with draw clevis; head lamps for R.H. traffic; upholstered and adjustable tractor seat; tractorometer; DE LUXE combi-meter with indicators for: water temperature, generator, fuel, oil pressure, head lamps and directional signal lights; parking brake; foot brake 5" r.; differential lock; EXACT hydraulic system; three-point hitch, cat. I, with side supports, short drawbar and vertical stop for lower links; swivel type trailer hitch; basic support; crown type rear fenders with seat and directional signal lights; P.T.O., rear; P.T.O. master shield; vertical exhaust pipe; front wheels with 5.50-16, 4-ply tires; rear wheels with 10-28, 6-ply tires.

AGRIMATIC 8+2 Transmission

Range	Gear	km/h	m.p.h.
Low	1	1.8	1.1
	2	3.5	2.2
	3	5.5	3.5
	4	7.0	4.4
High	1	4.6	2.9
	2	9.1	5.7
	3	14.5	9.1
	4	20.0	12.5
Reverse	1	3.0	1.8
	2	7.8	4.9

16+4 Transmission with Speed Amplifier

Range	Gear	Direct		S.A.	
		km/h	m.p.h.	km/h	m.p.h.
Low	1	1.4	0.8	1.9	1.2
	2	2.7	1.7	3.7	2.3
	3	4.2	2.7	5.8	3.7
	4	5.3	3.3	7.4	4.6
High	1	3.6	2.2	4.9	3.1
	2	7.0	4.4	9.6	6.0
	3	11.1	6.9	15.3	9.6
	4	14.0	8.7	20.0	12.5
Reverse	1	2.3	1.4	3.1	2.0
	2	6.0	3.7	8.2	5.1

Special Equipment

Water separator; 25 km/h transmission version; front wheel splash shields; front wheel weights; front break-away coupling; head lamps for L.H. traffic; DE LUXE tractor seat; independent hand brake; additional control valves; long drawbar, cat. I, swiveling drawbar; seat for crown type rear fenders, R.H.; brake lights for 25 km/h version; rear view mirror, R.H.; rear break-away coupling; rear wheel weights; rear spot light; bolt pulley; down-swept exhaust pipe and muffler.

Optional Tires

Front	6.00-16, 4-ply	Rear	11-28, 6-ply
	6.00-16, 6-ply		9-32, 6-ply
	7.50-16, 6-ply		11-32, 6-ply
			9-36, 6-ply

Products of INTERNATIONAL HARVESTER COMPANY OF GREAT BRITAIN, LTD.

INTERNATIONAL TD-8 (82 SERIES) CRAWLER

International BD-281 60 hp diesel engine gives all-weather electric starting and indirect injection. Pintle-type nozzle and high injection pressure. Dual underhood air cleaners and muffler. A double-gear pump ensures a full-flow lubrication system. The closed pressurized cooling system (capacity 21½ qts.) has a three-pulley system. The radiator and front-mounted hydraulic pump are protected by a heavy-duty grille. Five forward and two reverse speeds. A high reverse speed may be fitted in place of third speed forward. The engine clutch is a 13 in. diameter single plate, over-center type with an automatic clutch brake. The transmission is a selective sliding gear type, the gears being of carburized alloy steel. The IH planetary final drive gives double reduction. Three planetary gears reduce wear.

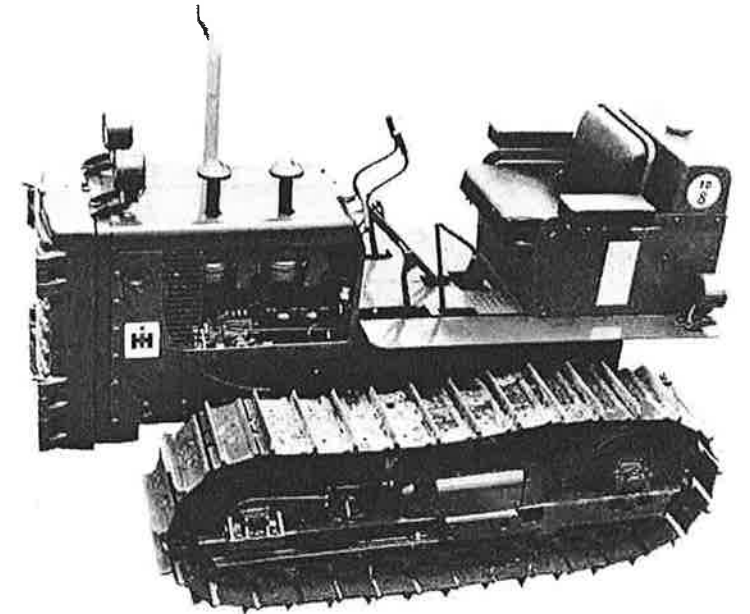
Steering brakes, one for each track, are 12½ in. diameter.

Wide range of track equipment available.

SPECIFICATIONS:

Engine: B.D. 281 4 cylinder Diesel of 281 cu. in. develops	60 hp
Maximum governed engine, rpm	1600
Maximum torque	220 ft./lbs. at 1,200 rpm
Drawbar pulls and speeds (mph) at rated governed engine rpm.	
1st	14,100 lbs.* at 1.42
2nd	10,400 lbs. at 1.89
3rd	7,650 lbs. at 2.50
4th	5,000 lbs. at 3.28
5th	2,700 lbs. at 4.66
Reverse	1.68

*with adequate weight and traction



PTO	56.5 hp at 884 pto rpm at 1600 rpm
Track gauge, center to center of tracks	54 in. 4-roller (Std)—54 in. 5-roller
Track shoe, width	14 in.
Track shoes	16 in., 18 in., 20 in., 24 in. single bar grouser.
Operating weight approximately (standard tractor with fuel, oil and water):	
4-roller	11,600 lbs.
5-roller	12,200 lbs.

INTERNATIONAL LTD-20 (201 SERIES) CRAWLER

The largest British IH crawler, the LTD 20, 201 series, weighs 13½ tons and is powered by a Rolls Royce engine delivering 110 drawbar hp. The 743 cu. in. power plant combines six-cylinder smoothness with direct-injection efficiency and delivers 135 hp at the flywheel.

A three-stage cleaning action; new dry type air cleaner. 16 in. diameter double-plate clutch.

3-point suspension system with ball and socket joints at either end of the single stationary pivot shaft allows the tracks to follow the ground contours.

Heavy box section track frames keep individual track components aligned. Two boxes are rigidly gusseted and 1 in. thick steel deck provides a solid anchorage for the front idler's recoil mechanism. New track chain guides are an integral part of 201 series track frames.

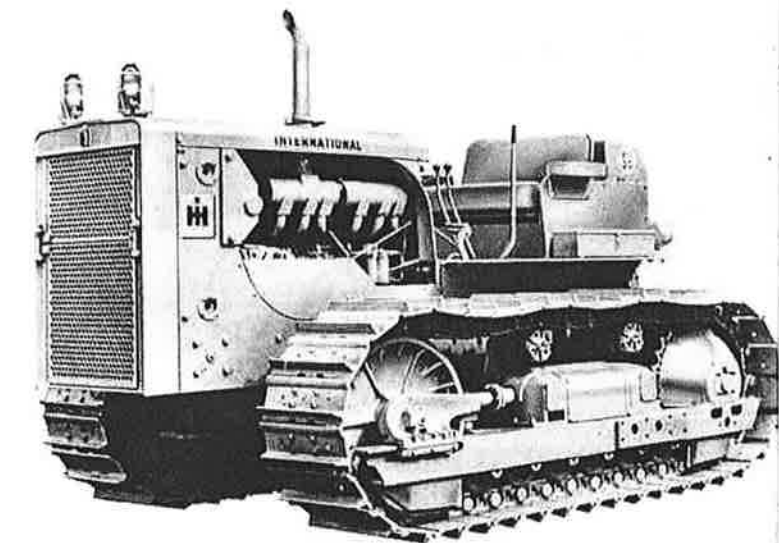
Hydraulic track chain tensioning is regular equipment for all 201 series LTD-20's. Any movement of the idler is isolated from the tensioning piston.

Precision metal-to-metal rotating seals give 500 hour inspection periods.

Rollers are induction hardened to avoid flange cracking.

SPECIFICATIONS:

Engine: 4-stroke cycle normally aspirated, valve-in-head type, all-weather direct starting.	
Engine hp, net at flywheel, @ 1,550 rpm	135
Drawbar hp (estimated)	110
Number of cylinders	6
Piston displacement, cu. in. (litre)	742.64 (12.17)
Maximum Torque	510 lb./ft. (70.5 m/kg)
Rpm at maximum torque	1,050



Track Dimensions:

Gauge, center to center of tracks	74 in. (188 cm)
Track shoes, width, regular	20 in. (50.8 cm)
Number of track rollers (each side)	6

Travel Speeds:

Six forward	1.5 to 7.0 mph (2.4 to 11.3 kph)
Six reverse	1.8 to 8.4 mph (2.9 to 13.5 kph)
(Available also with 6 forward and 1 reverse)	
Weight with Bulldozer (approx.)	30,300 lb. (13,744 kg)

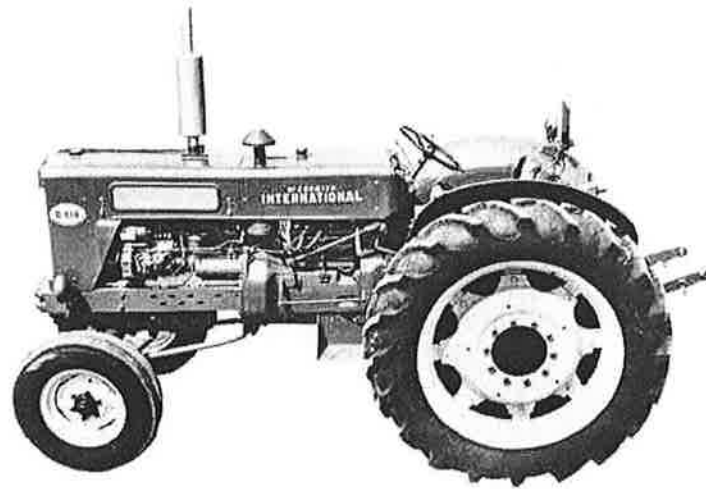
B-614 DIESEL TRACTOR

4-cylinder BD-281 engine delivers 62½ hp. 10 speed gear-box, giving 8 forward and 2 reverse, converts engine-power into high torque loads. To transmit this torque (a maximum of 220 lbs. ft. at 1,200 rpm) heavy duty 10-stud rear wheels are used. 56 hp at 540 rpm can be delivered with the independent pto. For special applications, a simple transmission pto is also available. Live hydraulic system incorporates the engine-driven pump of 6.5 gpm capacity. Choice of single or double-acting ram valves. Lift capacity of 3,700 lbs.

The B-614 has a power to weight ratio of almost 100 lbs. per hp, some 6,200 lbs., considered to be ideal by many tractor experts for both mounted or trailed equipment. No other tractor of comparable size offers so much real lugging power.

SPECIFICATIONS:

- 281 cu. in. (4.6 litres) indirect injection engine develops 62½ hp at max. rpm of 1,600.
- 17.25:1 compression ratio and a torque of 220 lb. ft. at 1,200 rpm.
- In-line type fuel injection pump with mechanical governor.
- 56 pto hp at max. engine rpm.
- Transmission 7 forward and 2 reverse gears, from 1.77 to 15.9 mph (2.86 to 25.6 kph) on 12-30 tires.
- Independent "Live" hydraulics developing max. lift of lower links, at 3,700 lbs. (1,678 kg).
- Single acting hydraulic system with engine driven pump. Two-stage control valve for weight transfer.



- Disc brakes incorporating leverage adjustment and 208 sq. in. (1,342 cm²) in friction area.
- Min. ground clearance of 16½ in. (42.55 cm) and a turning radius of 160 in. (406.4 cm) without brakes.
- Weight (with pto, fuel, oil, and water): 6,188 lbs. (2,808 kg).

BTD-6 CRAWLER

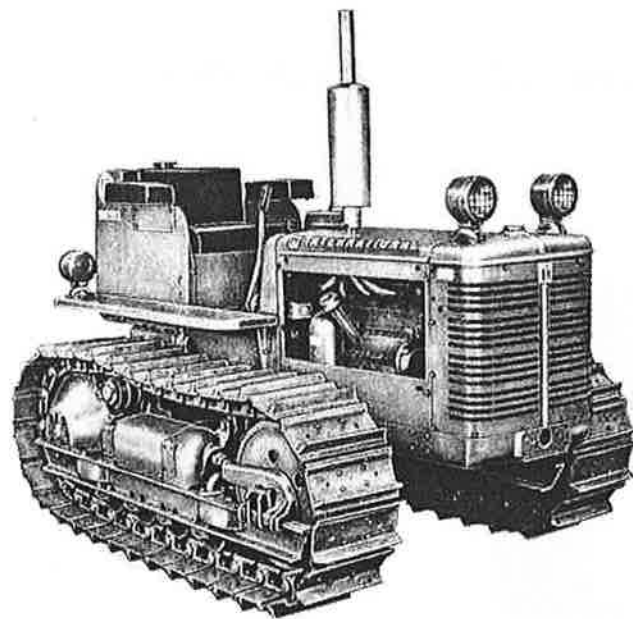
International BD 264 diesel engine develops 50 hp at 1,450 rpm. The centrifugal governor instantly matches fuel delivery to load demand. A reserve torque device boosts the torque 10% at pull-down speed for extra lugging power. A double-gear type pump provides 4-speed lubrication of all shell bearings and valve levers. A gauge strainer and big 240-hour capacity cartridge filter. Other features: closed pressurized cooling system; thermostat to aid fast warm-up; 6-blade blower fan. 13 in. over-center clutch with automatic transmission brake for fast gear changes. 5 forward and 1 reverse speeds. A high reverse speed available in place of the third speed forward. Heavy-duty transmission with spiral-bevel gears supported by high-capacity tapered roller bearings. Stabilized 3-point track suspension system ensures a maximum area of track contact. Track shoes are heat-treated. Integral keys on each shoe fit into slots in the track links; these hold the shoe and relieve the bolts of all sheet stress. The track rollers rotate on induction-hardened shafts. Bellows type leather seals. A big capacity reservoir within the steel shaft assures adequate lubrication.

Complete range of track equipment from 12 in. to 20 in. wide 4 or 5-roller and track shoes. Test report N.I.A.E. TR. 4 quotes a drawbar pull of 10,500 lbs.

SPECIFICATIONS: (N.I.A.E. Test No. TR. 4)

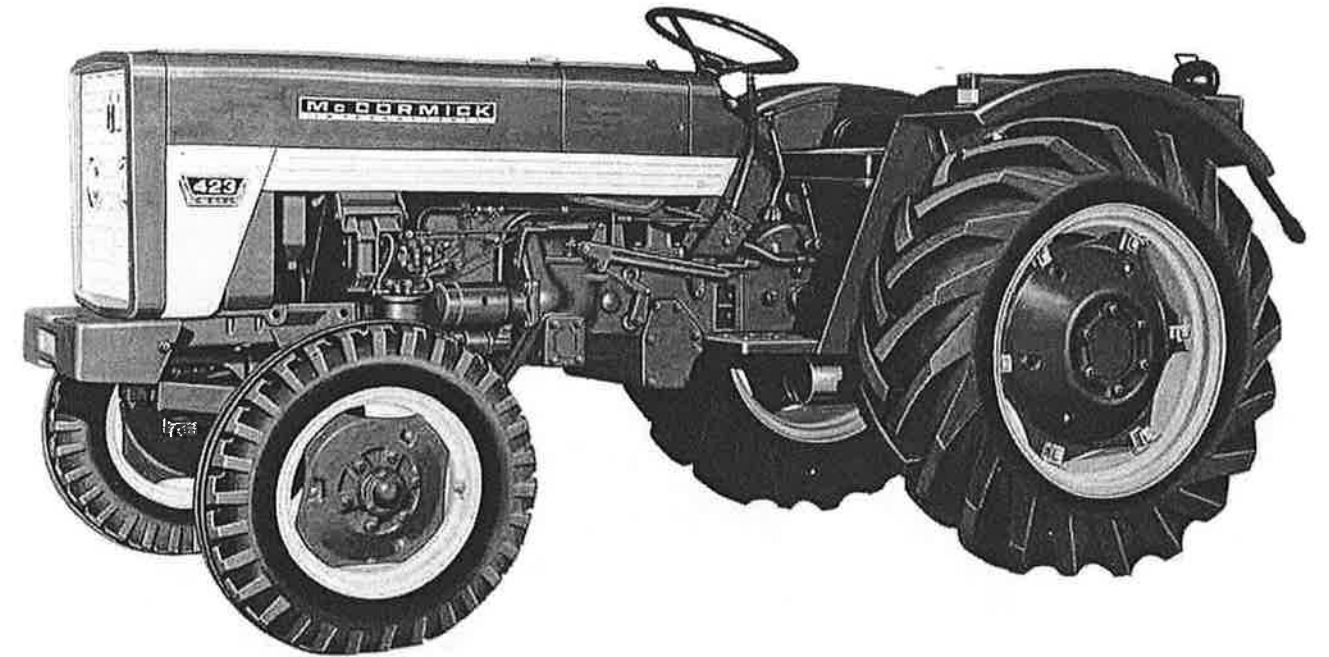
Engine B.D. 264 — 4 cylinders of 264 cu. in. develops 50 hp
 Maximum governed engine rpm: 1,450
 Maximum torque: 174 lbs./ft. at 1,100 rpm

Drawbar Performance (with sufficient weight)	at rated RPM	lbs. at torque RPM
1st Gear	10,500	11,500
2nd Gear	6,700	7,300
3rd Gear	4,400	4,850
4th Gear	3,200	3,525
5th Gear	2,000	2,200



	4-roller	5-roller
Track Gauge (center to center of track) in.	50	50
Track shoes, width, regular, in.	14	14
Optional track shoes, in.	12, 14, 16, 18	20
Operating weight (With regular equipment, fuel, water and driver):	9,100 lbs.	9,520 lbs.

McCORMICK INTERNATIONAL 423 DIESEL TRACTOR



If you're a progressive farmer determined to keep abreast with the times. Wanting nothing but the best. Bent on earning the biggest profits, fast, business-like. Then acquaint yourself with the brand-new 423 Diesel and get a thrill of confidence that only this tractor can offer. Discover a new world of amazing comfort wrapped up in elegant styling. You'll be overwhelmed

at its big engine power, the easy "flick-change" transmission and simplicity of maintenance. You'll be astonished at the enormous hydraulic power and ease of implement attachability. After putting the 423 through its pace you'll agree with progressive farmers everywhere . . . there's no finer 40 horsepower tractor on the market.

SPECIFICATIONS

IH D-155 3-cylinder, 4-stroke Diesel, direct-injection type		
Max. gross output, hp	41	
Max. intermittent net output, hp	38	
Rated engine speed, r.p.m.	1900	
Max. torque, lb. ft. — mkg	114	15.8
at speed, r.p.m.	1350	
Bore, in. — mm	3 3/8	98.4
Stroke, in. — mm	4 1/2	111.1
Piston displacement cu. in. — cm³	155	2536
Compression ratio	16 : 1	
Battery		
12-volt, 84 Ah, dry-p:recharged		
Clutch		
Single-plate, dry type		
Diameter, in. — mm	10	250

Capacities		
Fuel tank, gals. — ltr.	15.8	60
Crankcase, gals. — ltr.	1.7	6.5
Transmission case, gals. — ltr.	9.1	34.5
Hydraulic system, gals. — ltr.	3.4	13
Cooling system, gals. — ltr.	3.4	13
Weight		
with standard equipment, lbs. — kg	4270	1941

Standard Equipment

IH D-155 Diesel engine; battery; water separator; 20 km/h transmission version; AGRIOMATIC 8-2 transmission with single clutch and P.T.O. 570 r.p.m. or 16-4 transmission with Speed Amplifier; double clutch and P.T.O. 540 r.p.m.; rigid front axle with adjustable tread; inner front weight; outer front weight with draw clevis; head lamps for R.H. traffic; upholstered and adjustable tractor seat; tractor meter; DE LUXE combination instrument with indicators for: water temperature, generator, fuel, oil pressure, head lamps and directional signal lights; parking brake; Foot brake 5" x 5"; differential lock; EXACT hydraulic system; three-point hitch, cat. I and II, with side supports, short drawbar, cat. I and vertical stop for lower links; swivel type trailer hitch; crown type rear fenders with seal and directional signal lights; P.T.O., rear; P.T.O. master shield; vertical exhaust pipe; front wheels with 6.00-16, 4-ply tires, rear wheels with 11-28, 6-ply tires.

AGRIOMATIC 8-2 Transmission

Speeds with standard tires:			
Range	Gear	km/h	m.p.h.
Low	1	1.9	1.2
	2	3.7	2.3
	3	5.8	3.6
	4	7.3	4.6
High	1	4.9	3.1
	2	9.6	6.0
	3	15.3	9.5
	4	20.0	12.5
Reverse	1	3.1	2.0
	2	6.2	5.1

16+4 Transmission with Speed Amplifier

Speeds with standard tires:					
Range	Gear	Direct	S.A.		
		km/h	m.p.h.	km/h	m.p.h.
Low	1	1.4	0.9	2.0	1.2
	2	2.8	1.8	3.9	2.4
	3	4.5	2.8	6.2	3.9
	4	5.6	3.5	7.7	4.8
High	1	3.8	2.3	5.2	3.2
	2	7.3	4.6	10.1	6.3
	3	11.7	7.3	16.1	10.0
	4	14.7	9.2	20.3	12.6
Reverse	1	2.4	1.5	3.3	2.1
	2	6.3	3.9	8.6	5.4

Special Equipment

4-hp starter; 25 km/h transmission version (applicable only with 6 1/2" foot brake); front wheel splash shields; front wheel weights; head lamps for L.H. traffic; DE LUXE tractor seat; independent hand brake; foot brake 6 1/2"; additional control valves; short drawbar, cat. I; long drawbar, cat. I; long drawbar, cat. II; swinging drawbar; basic support; hydraulic break-away couplings; rear wheel weights; belt pulley; seat for crown type rear fenders, R.H.; brake lights (for 25 km/h version only); rear view mirror, L.H.; rear spot light; down-swept exhaust pipe and muffler.

Optional Tires

Front	5.50-16, 4-ply	Rear	10-28, 6-ply
	6.00-16, 6-ply		9-32, 6-ply
	7.50-16, 6-ply		11-32, 6-ply
			9-36, 6-ply
			11-36, 6-ply

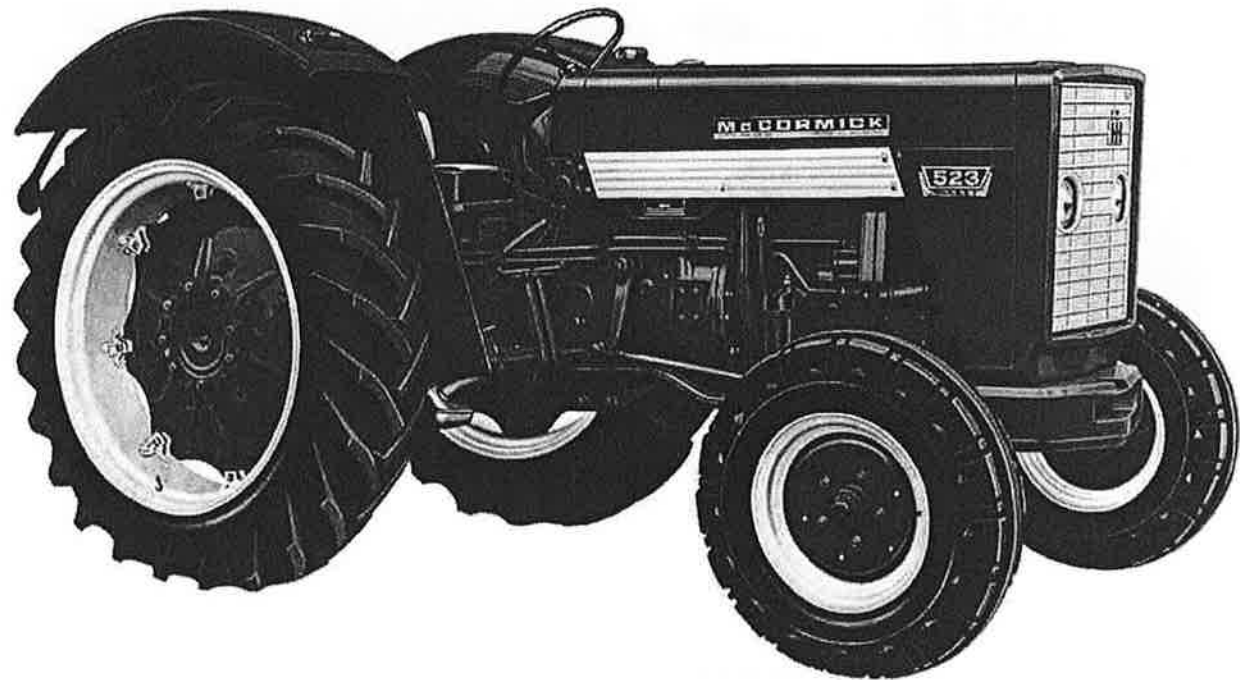
(only with 7.50-16 front tires)

McCORMICK 523 DIESEL TRACTOR

INTERNATIONAL Available in 2 Wheel and 4 Wheel Units

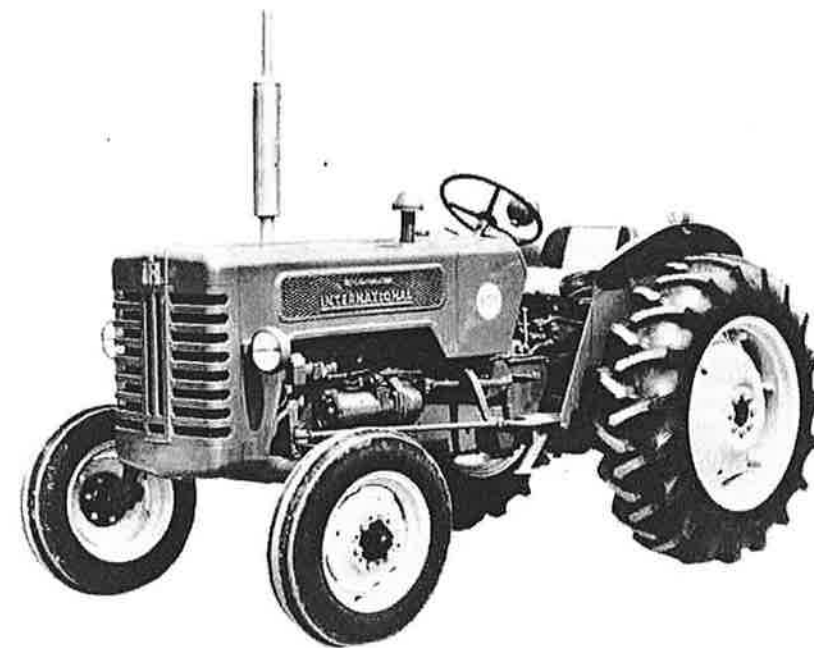
Another outstanding tractor of the German IH star-studded program is the fabulous 523 model. This 52 horsepower tractor has unmatched built-in strength . . . low-cost, big power — up to 20% fuel savings through direct-injection . . . AGRIMATIC-S instant reverse transmission — each gear fully synchronized . . . large capacity hydraulics — ample power supply for external services . . . supreme comfort — fully upholstered standard seat

with optional DE LUXE suspension seat . . . plus overall ease of operation. Equally important, minimum of maintenance — oil changes necessary only after every 200 hours of operation, throw-away type oil filter and BOSCH maintenance-free distributor type injection pump. Try it and you'll agree its absolutely TOPS in the 50 hp class.



B-275 TRACTOR

The 35-hp B-275 has a power-to-weight ratio of 100 lbs. per hp, which ensures a good drawbar pull in all types of conditions. In the N.I.A.E. Test No. 262 BS, the B-275 achieved a drawbar pull (unballasted) of 3,680 lbs. and, in ballasted form, 6,400 lbs. It has 8 forward speeds with a choice of at least two gear ratios. In addition there are 2 ideal reverse ratios. The constant running power take-off is invaluable for operating pto-driven machines. There is an original equipment choice of three single speeds and two dual speeds. The maximum pto hp of 31.5 hp can be delivered at 540, 700, or 1,000 rpm. Two types of hydraulic systems are available, each being an independent unit for easy servicing and having a powerful engine-driven pump for constant hydraulic power with loaders, etc. The Vary Touch hydraulic system incorporates position and double-acting control. A mechanical depth control is available incorporating a weight transfer system. There are alternative lower link hitch positions to give optimum weight transfer or increased penetration. Also standard are the diff lock and fully adjustable swinging drawbar.



SPECIFICATIONS:

- 144 cu. in. (2.36 litres) indirect injection diesel engine develops 35 hp at max. rpm of 1,875. Petrol engine available.
- Distributor type fuel injection pump with mechanical governor.
- 28.2 drawbar hp at 3,030 lbs. pull (1,374.4 kg) in third gear.
- 8 forward and 2 reverse gears ranging between 1.6 and 14.1 mph (2.5 and 22.7 kph) on 10-28 rear tires.
- "Live" pto develops 31.5 max. hp at 540 pto rpm.
- Fully independent "Live" hydraulics with 5.5 gpm and engine-mounted pump.
- Double-acting Vary Touch hydraulic draft and position control or mechanical depth control and weight transfer.

- Totally enclosed, externally mounted disc brakes on bull pinion shafts.
- 15 3/4 in. (39.7 cm) ground clearance. Turning circle without brakes of 132 in. (335.3 cm).
- Total weight including fuel, oil and water, 3,460 lbs. (1,569 kg).

Specifications

Engine	
IH 3-cylinder 4 stroke Diesel	
Horsepower (stripped)	52
Rated engine speed, r.p.m.	2100
Max. torque, ft. lbs. - mkg	141 19.5
Bore, in. - mm	3.87 98.4
Stroke, in. - mm	5.06 128.6
Piston displacement, cu. in. - cc	179 2934
Clutch, single-plate, dry, dia. in. - mm	11 280
Capacities (approx. US measure)	
Fuel tank, gal. - ltr.	18.5 70
Crankcase, gal. - ltr.	1.72 6.5
Transmission case, gal. - ltr.	8.72 33
Hydraulic system, gal. - ltr.	4.36 16.5
Oil-bath air cleaner, gal. - ltr.	0.26 1.0
Cooling system, gal. - ltr.	4.29 15.5
Dimensions and Weight	
Length overall, in. - mm	119.8 3043
Width overall, in. - mm	71.5 1815
Height overall, in. - mm	58.7 1480
Weight, lbs. - kg	5280 2400
Ground clearance, in. - mm	15 380
Min. turning radius, in. - mm	256 6500
Wheelbase, in. - mm	78.7 2000
Front wheel tread, in. - mm	52-74 1320-1800
Rear wheel tread, in. - mm	52-75.6 1320-1920
Power take-off (Independent type)	
Single-shaft	540 r.p.m.
Optional	
Single-shaft	540 and ground speed p.t.o.
Two-shaft	540 and 1000 r.p.m.
Two-shaft	540 and 1000 r.p.m. and ground speed p.t.o.
Batteries	
Two 6-volt 88 amp. hr., dry-precharged	

Optional Transmissions

12+4 Agriomatic-S synchronized transmission with instant-reverse and IPTO. Speeds with 6.00-16 / 11-36 tires.

Range	Gear	Direct		Agri-S	
		km/h	mph	km/h	mph
Low	1	1.5	0.9	2.3	1.4
	2	2.3	1.4	3.5	2.2
	3	4.0	2.5	6.0	3.7
	4	6.1	3.8	9.5	5.9
High	1	5.9	3.6	2.3	1.4
	2	8.7	5.4	3.5	2.2
	3	14.8	9.2	6.0	3.7
	4	23.2	14.4	9.5	5.9
Rev.	Forward		Reverse		
	1	3.0	1.9	2.3	1.4
	2	4.6	2.9	3.5	2.2
	3	7.9	4.9	6.0	3.7
4	12.3	7.6	9.5	5.9	

8+4 synchronized transmission with IPTO. Speeds with 6.00-16 / 11-36 tires.

Range	Gear	km/h		mph	
		km/h	mph	km/h	mph
Low	1	1.5	0.9		
	2	2.3	1.4		
	3	4.0	2.5		
	4	6.1	3.8		
High	1	5.8	3.6		
	2	8.7	5.4		
	3	14.8	9.2		
	4	23.2	14.4		
Rev.	1	3.0	1.9		
	2	4.6	2.9		
	3	7.9	4.9		
	4	12.3	7.6		

Standard Equipment
 IH 3-cyl., 4-cycle Diesel engine
 Batteries, 1.8 HP starter, 90 W generator
 Headlights for R.H. traffic
 Tractormeter
 Deluxe combi-meter
 Agriomatic-S 12+4 transmission with instant-reverse (25 km/h, single clutch) or 8+4 synchronized transmission (25 km/h, double clutch)
 Independent power take-off 540 r.p.m.
 P.T.O. master shield
 Semi-crown type fenders
 Double-disc foot brakes
 Hand parking brake
 Differential lock
 Vertical exhaust pipe and muffler
 Upholstered tractor seat
 Exact hydraulic system
 Three-point hitch, cat. I and II with side supports, short drawbar, vertical stop for lower links
 Rigid front axle, adj. tread, high version
 Front bolster weight with draw clevis 135 kg
 Rear tires: 6.00-16, 4-ply
 Front tires: 11-32, 6-ply

Special Equipment
 Agriomatic-S transmission w/double clutch
 8+4 transmission w/single clutch
 Agriomatic-S and 8+4, 20 km/h and 30 km/h transmission versions
 Tractormeter for 20 km/h or 30 km/h transmission
 540 r.p.m. and ground speed p.t.o.
 540 and 1000 r.p.m. p.t.o.
 540 and 1000 r.p.m. and ground speed p.t.o.
 Four wheel drive
 Downswept exhaust pipe and muffler

Crown-type rear fenders
 Flashing turn indicators for crown-type fenders
 Rear view mirror
 Stop lights
 Independent hand brake
 Deluxe tractor seat
 Long drawbar
 12-volt battery, 135 A/h
 4 HP starter, 130 W generator
 Headlamps for L. H. traffic
 Fender seat L. H. (for crown type fenders)
 Co-driver seat (between fenders)
 Front wheel splash shields
 Swivel type trailer hitch
 Swinging drawbar
 Drawbar frame bracket
 Short drawbar frame
 Front bolster weight, 100 kg
 Rear wheel weights (sets of 120 kg and 240 kg)
 Jerry-can weights w/frame, 415 kg
 Additional control valves, single-acting
 Additional control valves, double-acting
 Hydraulic break-away coupling, single-acting or double-acting
 L. H. footstep
 Belt pulley
 Fitting device for dual rear wheels
 Dual rear wheels

523 Optional Tire Equipment
 7.50-16, 6-ply w/11-32, 11-36, 11-38, 12-36, 13-28, 13-30, 14-28, 14-30, 14-34, 6-ply
 6.00-16, 4-ply w/11-36, 11-38, 12-36, 12-38, 13-28, 13-30, 14-30, 14-34, 4-ply
 5.50-16, 4-ply w/9-36, 11-32, 6-ply
 14-28, 8-ply



B-275 HI-CLEAR

The B-275 Hi-Clear Model is designed to offer exceptional ground clearance for tall growing crops. Under the front axle it is 26 3/8 in. (66.99 cm), under the rear axle 25 3/4 in. (65.41 cm) and under the frame 21 1/2 in. (54.6 cm). It is light in weight and the large diameter wheels, fitted with 11-38 and 5.50-16 tires give excellent flotation and traction. The Hi-Clear model will handle all linkage and drawbar work. Economically priced, this tractor provides exceptional all-round visibility, driver comfort and maneuverability.

SPECIFICATIONS:

Specifications same as for B-275 except for following:

- Speeds from 1.89 to 17.18 mph (3.06 to 27.66 kph) on 11-38 rear tires.
- Height to top of steering wheel, 66 in. (167.64 cm) giving min. ground clearance of 21 1/4 in. (53.98 cm).
- Wheel tread in 4 in. (10.16 cm) increments. Front 50 in. to 78 in. (127.0 cm to 198.2 cm).
- Wheel tread in 4 in. (10.16 cm) increments. Rear 50 in. to 74 in. (127.0 cm to 187.96 cm).
- 1 in. (2.54 cm) and 3 in. (7.62 cm) spacer attachments allow numerous variations from 52 in. to 80 in. (132.08 cm to 203. cm).
- Drawbar vertical adjustment: 17 1/2 in. (44.36 cm), 21 in. (53.34 cm), 23 in. (58.42 cm), 27 in. (68.58 cm).
- Lower drawbar attachment available.

B-450 DIESEL TRACTOR

Unrivalled for drawbar pull. Powered by 264 cubic in., slow-revving, 4-cylinder diesel, the B-450 develops 55 hp. Maximum torque of 202 lbs. ft. makes it ideal for heavy duty tillage operations. Wide choice of wheel and axle equipment, track widths and big under-axle clearance. Massive transmission housing and final drives. Single speed pto provides 53 hp at 540 rpm for heavy rotary cultivating and forage harvesting. High quality alloy steel gears. Four field speeds range from 1.75 to 6.8 mph (or 10.3 mph with optional high fourth). A maximum speed of 17 mph is provided by the 5th gear. Diff lock and disc brakes, deep-cushioned, fully-adjustable deluxe seat.

SPECIFICATIONS:

- 16.3:1 compression ratio, and a torque of 202 lbs. ft. at 1,000 rpm.
- Sustained drawbar pull of 5,220 lbs. (2,367.8 kg) in second gear (ballasted) — 48.3 drawbar hp.
- Max. belt hp of 52.8 at 1,500 rpm.
- 5 forward and 1 reverse gears ranging from 2.3 mph (3.7 kph) to 16.8 mph (27 kph) on 11-38 tires.
- Hydraulic system. Independent "Live" 3,240 lbs. (1,469.7 kg) lift at lower links.



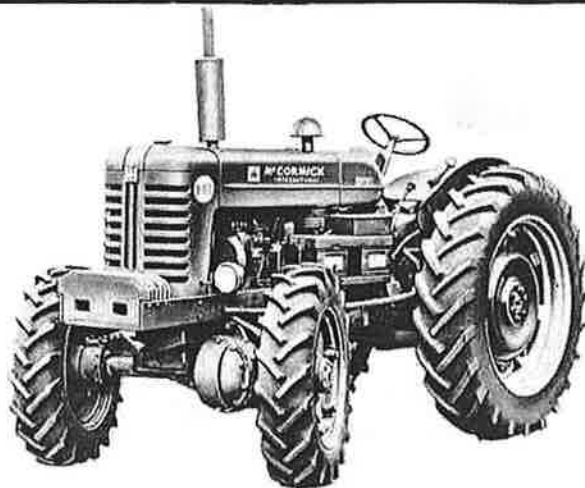
- Two-stage control valve.
- 171.3 sq. in. (1,106 cm²) friction area on enclosed, externally mounted disc brakes.
- 14 3/4 in. (37.5 cm) min. ground clearance. Turning radius without brakes, 160 in. (406.4 cm).
- Total weight inc. fuel, oil, water and pto, 6,062 lbs. (2,749 kg).

B-450 FOUR-WHEEL DRIVE DIESEL TRACTOR

A combination of four-wheel drive and differential lock enables this 6,700-lb., 55-hp tractor to negotiate steep slopes and other situations which are normally impassable with two-wheel drive tractors. It allows faster and deeper plowing and cultivating with increased working widths. It is also a prime mover for large trailers. Large capacity clutch, rugged transmission and massive final drive. 5 forward and 1 reverse speeds. Special equipment includes power-assisted steering, diff lock, disc brakes, electric starting, deep-cushioned deluxe seat.

Specifications same as B-450 except:

- 25% drawbar pull increase.
- Four wheel drive unit consists of transfer box with universal prop shaft to front axle differential.
- Turning radius without brakes 204 in. (518.2 cm) RH and 21 1/2 in. (542.3 cm) LH on 8-24 tires.
- Min. ground clearance on 8-24 front tires, 11 in. (27.9 cm).
- Tread, front 52 1/4 in. (132.7 cm) to 57 in. (144.8 cm).



- Weight, including fuel, oil, water, pto, hydraulics, front end weights: 6,748 lbs. (3,058.9 kg).

McCORMICK INTERNATIONAL FARMALL B-450 DIESEL TRACTOR

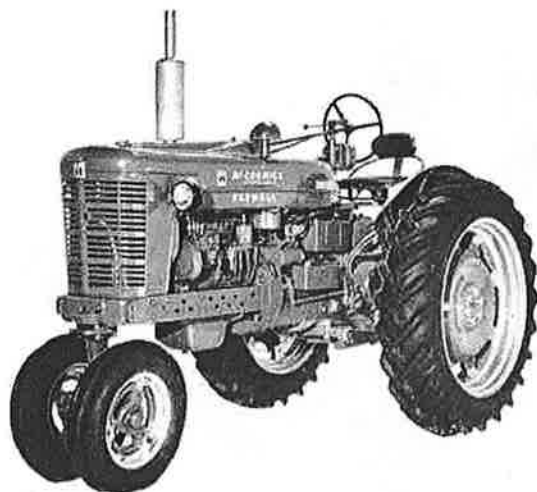
Special design for row crop work. Increased under-axle clearances; a longer wheelbase; different front axle and steering design. Three-point linkage and drawbar; gives the full B-450 performance.

Overhead steering is used on the Farmall B-450, thus eliminating the necessity for a drag link down the side of the tractor. This leaves the sides and underside clear for mid-mounted implements.

Variable tread (tricycle type) front axle, offers tread adjustments from 8 in. (20.3 cm) to 16 3/8 in. (49.8 cm). Adjustable wide tread front axle available: 57 in. (144.8 cm) to 81 in. (205.7 cm).

Specifications same as B-450 except:

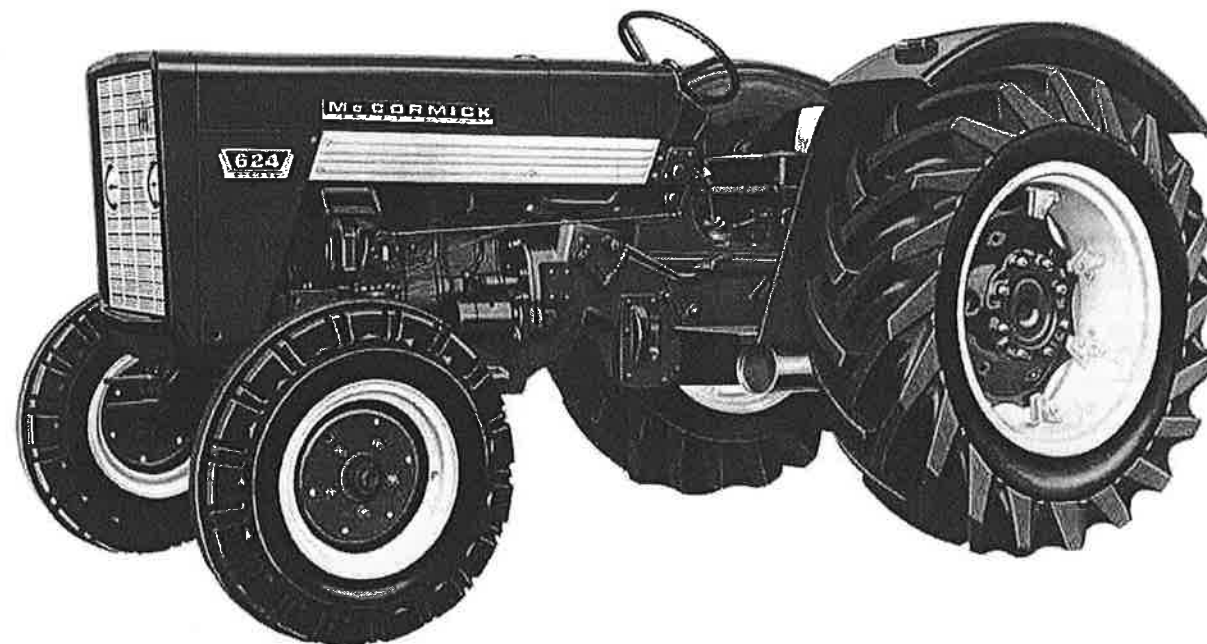
- Overhead steering.
- 17 3/8 in. (45.3 cm) min. ground clearance under drawbar.
- Tread widths:
 - Variable tread front axle: 8 in. (20.3 cm) to 16 3/8 in. (42.5 cm).
 - Adjustable wide tread front axle: 57 in. (144.7 cm) to 81 in. (205.7 cm).
 - Basic rear axle (4 in. stages): 52 in. (132 cm) to 72 in. 88 in. axle: 52 in. (132 cm) to 88 in. (223.5 cm).
 - 100 in. axle: 52 in. (132 cm) to 100 in. (254 cm).



- Height to top of steering wheel: 75 1/2 in. (191.71 cm).
- Turning radius at min. setting with brakes applied (Variable tread front axle): 99 in. (251.4 cm).

McCORMICK 624 DIESEL TRACTOR

INTERNATIONAL Available in 2 Wheel and 4 Wheel Units



If you need a versatile 60 hp tractor packed with work-easing benefits, unmatched in flexible power, strength, comfort and convenience, willing to take punishment season for season, then you owe it to yourself to test the all-new 624 Diesel tractor. Designed and built in International Harvester's most modern European factories by some of the world's finest engineers. This unique tractor is the result of years of intensive research,

experimentation and practical operation under the most severest conditions. The 624 is basically new from ground-up — NEW elegant design — NEW direct injection engine — NEW revolutionary AGRIMATIC-S transmission — NEW fully live hydraulic system — NEW center-pivot steering and NEW ease of operation. Truly a tractor to make owners proud, farming a pleasure, long days short and profits big.

Specifications

Engine	
IH 4-cylinder 4-stroke Diesel	61
Horsepower (stripped)	2100
Rated engine speed, r.p.m.	162.5
Max. torque, ft. lbs. - mkg	3.87 98.4
Bore, in. - mm	4.37 111.1
Stroke, in. - mm	206 3382
Piston displacement, cu. in. - ccm	11 280
Clutch, single-plate, dry dia. in. - mm	18.5 70
Fuel tank, gal. - ltr.	2.25 8.5
Crankcase, gal. - ltr.	8.72 33
Transmission case, gal. - ltr.	4.36 16.5
Hydraulic system, gal. - ltr.	0.26 1.0
Oil-bath air-cleaner, gal. - ltr.	4.62 17.5
Cooling system, gal. - ltr.	

Dimensions and Weight	
Length overall, in. - mm	128.6 3215
Width overall, in. - mm	71.5 1815
Height overall, in. - mm	63 1600
Weight lbs. - kg	5500 2500
Ground clearance, in. - mm	16.5 420
Min. turning radius, in. - mm	272 6900
Wheelbase, in. - mm	83.46 2120
Front wheel tread, in. - mm	52-74 1320-1890
Rear wheel tread, in. - mm	52-75.6 1320-1920
Power take-off (independent type) Single-shaft	540 r.p.m.

Optional	
Single-shaft	540 and 1000 r.p.m.
Two-shaft	540 and 1000 r.p.m.
Two-shaft	540 and 1000 r.p.m. and ground speed p.t.o.

Batteries
Two 6-volt 88 amp. hr., dry-precharge†

Optional Transmissions
12+4 Agriomatic-S synchronized transmission with instant-reverse and IPTO.
Speeds with 6.00-16 11-36 tires.

Range	Gear	Direct		Agri-S	
		km/h	mph	km/h	mph
Low	1	1.5	0.9	2.3	1.4
	2	2.3	1.4	3.5	2.2
	3	4.0	2.5	6.0	3.7
	4	6.1	3.8	9.5	5.9
High	1	5.8	3.6	2.3	1.4
	2	8.7	5.4	3.5	2.2
	3	14.8	9.2	6.0	3.7
	4	23.2	14.4	9.5	5.9
Rev.	Forward		Reverse		
	1	3.0	1.9	2.3	1.4
	2	4.6	2.9	3.5	2.2
	3	7.9	4.9	6.0	3.7
4	12.3	7.6	9.5	5.9	

8+4 synchronized transmission with IPTO.
Speeds with 6.00-16 11-36 tires.

Range	Gear	km/h		mph	
		km/h	mph	km/h	mph
Low	1	1.5	0.9		
	2	2.3	1.4		
	3	4.0	2.5		
	4	6.1	3.8		
High	1	5.8	3.6		
	2	8.7	5.4		
	3	14.8	9.2		
	4	23.2	14.4		
Rev.	Forward		Reverse		
	1	3.0	1.9		
	2	4.6	2.9		
	3	7.9	4.9		
4	12.3	7.6			

Standard Equipment

- IH 4-cyl., 4-cycle Diesel engine
- Batteries, 1.8 HP starter, 90 W generator
- Headlights for R.H. traffic
- Tractormeter
- Deluxe combi-meter
- Agriomatic-S 12+4 transmission with instant-reverse (25 km/h, single clutch) or 8+4 synchronized transmission (25 km/h, double clutch)
- Independent power take-off 540 r.p.m.
- P.T.O. master shield
- Semi-crown type fenders
- Double disc foot brakes
- Hand parking brake
- Differential lock
- Vertical exhaust pipe and muffler
- Upholstered tractor seat
- Exact hydraulic system
- Three-point hitch, cat. I and II with side supports, short drawbar, vertical stop for lower links
- Rigid front axle, adl. tread, high version
- Front bolster weight with draw-clevis 100 kg
- Rear tires: 6.00-16, 4-ply
- Front tires: 11-36, 6-ply
- Special Equipment
 - Agriomatic-S transmission w/double clutch
 - 8+4 transmission w/single clutch
 - Agriomatic-S and 8+4, 20 km/h and 30 km/h transmission versions
 - Tractormeter for 20 km/h or 30 km/h transmission
 - 540 r.p.m. and ground speed p.t.o.
 - 540 and 1000 r.p.m. p.t.o.
 - 540 and 1000 r.p.m. and ground speed p.t.o.
 - Four wheel drive
 - Downswept exhaust pipe and muffler
- Crown-type rear fenders
- Flashing turn indicators for crown-type fenders
- Rear view mirror
- Stop lights
- Independent hand brake
- Deluxe tractor seat
- Long drawbar
- 12-volt battery, 135 A/h
- 4 HP starter, 130 W generator
- Headlamps for L. H. traffic
- Fender seat L. H. (for crown type fenders)
- Co-driver seat (between fenders)
- Front wheel splash shields
- Swivel type trailer hitch
- Swinging drawbar
- Drawbar frame bracket
- Short drawbar frame
- Front bolster weight, 135 kg
- Rear wheel weights (sets of 120 kg and 240 kg)
- Jerry-can weights w/frame, 415 kg
- Additional control valves, single-acting
- Additional control valves, double-acting
- Hydraulic break-away coupling, single-acting or double-acting
- L. H. footstep
- Belt pulley
- Fitting device for dual rear wheels
- Dual rear wheels

624 Optional Tire Equipment

- 7.50-16, 6-ply
- w/ 9-36, 11-36, 11-38, 12-36, 12-38, 13-28, 13-30, 13-30, 14-28, 14-30, 14-34, 6-ply
- 6.00-16, 4 or 6-ply
- w/ 9-36, 11-38, 12-36, 12-38, 13-28, 13-30, 14-28, 14-30, 6-ply

Specifications subject to change without notice.

GREAT BRITAIN SECTION — PAGE INDEX

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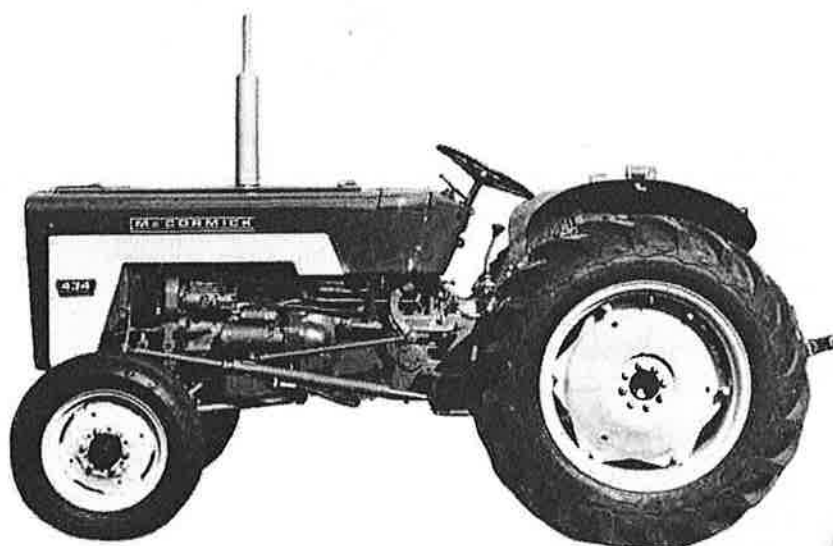
434 TRACTOR

More comfort for the driver, greater ease of servicing, more gear speeds, more pto speeds, superior linkage geometry and more weight are just some of the outstanding features of the 434.

Because of the 434's excellent power-to-weight ratio of nearly 100 lbs. per hp, the indirect injection 4-cylinder diesel makes good use of its smooth 40 hp. A petrol BC-154 engine is also available. The standard transmission has 8 forward speeds and 2 reverse. An optional Speed Amplifier transmission incorporates a simple epicyclic gear pack between the clutch and the main transmission. This steps up work out-put with the benefits of changing speed on the move without moving the foot clutch and by the use of the optimum power with the choice of 16 forward and 4 reverse speeds. Speed Amplifier provides a change up or down on the move. The Speed Amplifier transmission provides engine braking both in the low and high ranges.

The Vary-Touch hydraulic system is fully independent and, with its large-output 6.3 gpm pump mounted on the engine and low viscosity oil, Vary-Touch provides fast, powerful hydraulic power and even in cold climates. There is a choice of 3 pto speeds, each delivering 36.5 pto hp. Two dual-speed combinations give added versatility.

The 434 has a good ground clearance, plenty of implement mounting pads and a telescopic front axle—features that make these tractors suitable for row crop work.



SPECIFICATIONS:

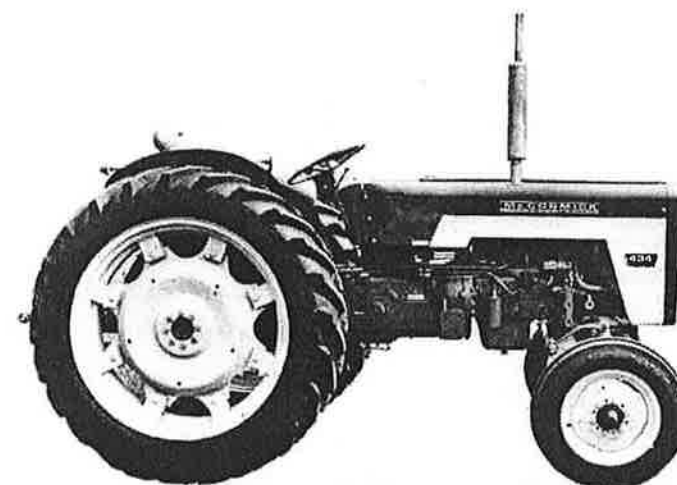
- 154 cu. in. (2.52 litres) indirect injection diesel engine develops 40 hp at max. rpm of 2,000. Petrol engine available.
- Distributor type fuel injection pump incorporating mechanical governor.
- 31 drawbar hp at 3,600 lbs. pull (1,632.9 kg) in third gear.
- 8 forward + 2 reverse gears standard. Optional 16 forward and 4 reverse Speed Amplifier. Max. speed on 11-28 tires, 20.6 mph.
- Live pto delivers 36.5 hp at 540 rpm.
- Fully independent "live" hydraulics with max. lift at lower links (guaranteed) of 2,600 lbs.
- Double-acting Vary-Touch draft and position control.
- Totally enclosed, externally mounted disc brakes on bull pinion shafts.
- 16½ in. (41.9 cm) ground clearance under drawbar. Turning radius of 135 in. (343 cm) without brakes.
- Weight with live pto, fuel, oil, and water — 3,976 lbs. (1,800.7 kg).

434 HI-CLEAR

25¾ in. clearance under the rear axle allows the tractor to cultivate row crops at a late stage of growth. Front and rear wheel treads can be adjusted from 54 in. to 74 in. and, with 1 in. or 3 in. spacers fitted, a maximum of 80 in. rear track setting can be obtained. Small turning radius of 114 in. (using brakes) assures accurate control for tight field work. Vary-Touch hydraulic with position and double-acting draft control, and category 1 or 2 three-point linkage. 8 forward, 2 reverse speed transmission, ranges from 1.7 to 18.3 mph. Differential lock prevents one-wheel spin. Double-disc brakes are completely enclosed. A hand brake with over-center action.

Specifications are same as the 434 except for:

- Speeds from 1.73 to 18.33 mph (2.70 to 29.49 kph) on 11-38 tires.
- Height to top of steering wheel 64½ in. (163.2 cm) giving min. ground clearance of 21½ in. (54.61 cm).
- Wheel tread in 4 in. (10.16 cm) increments: Front, 52 in. to 80 in. (132.08 cm to 203.2 cm). Rear, 54 in. to 74 in. (137.2 to 188 cm).
- 1 in. (2.54 cm) and 3 in. (7.62 cm) spacer attachments allow numerous variations from 56 in. to 80 in. (142.2 cm to 202.2 cm).
- Swinging drawbar with vertical adjustments, 17½ in. to 27 in. (44.43 cm to 68.58 cm). Low drawbar attachment available.



434 NARROW TREAD

Designed for orchards, soft fruit, hop gardens and also conventional plowing. Despite its narrow width of 46¾ in. (50 in. at front wheel hubs), it has a low center of gravity especially when fitted with 4.00-15 front and 9.00-24 rear tires. To protect young plants, hub caps are fitted to both front and rear wheels and a deflector is standard. Double-acting Vary-Touch draft control system maintains good draft for both light and heavy mounted equipment. For high output sprayers and rotary cultivators the live pto delivers 36.5 pto hp. With the standard 8 forward and 2 reverse there is a choice of speeds from 1.19 mph to 12.59 mph on 9-24 rear tires. Speed Amplifier transmission provides 16 forward and 4 reverse speeds.

Specifications are same as 434 except:

- Average hydraulic lift at end of lower link is 2,000 lbs. (907.18 kg).
- Height overall: 60¾ in. (154.3 cm).
- Tread widths front: 39 in. to 51 in. (99.0 cm to 129.5 cm), in 4 in. (10.16 cm) stages.
- Tread widths rear: 36 in. to 60 in. (91.4 cm to 152.4 cm), in 4 in. (10.16 cm) stages.
- Min. width of tractor extremities: 50 in. (127.0 cm).
- Min. ground clearance on 10-28 tires: 15½ in. (39.4 cm).

