



INTERNATIONAL® **MOLDBOARD PLOWS**





- *Mounted plows...2 to 5 bottoms*
- *Semi-mounted plows...3 to 8 bottoms*
- *Trailing plows...4 to 8 bottoms*

INTERNATIONAL PROFIT PLOWS

Plow your way to greater profits . . . select an International plow to match your tractor, your farm. Today's plowing is done at higher tractor speeds. And, with the increased use of fertilizer, you have heavier crops and a greatly increased volume of crop residue to be plowed under. At the same time you want to plow deeper . . . and faster. This is a big order for any plow, and International plows are built to fill that order . . . built to out-plow all others, now and in years to come.

Here's why particular plowmen prefer International plows . . .

- Extra clearance for exceptional trash handling capacity . . . nonstop plowing
- Brute-strong construction for toughest soils . . . extra long life
- Precise easy-to-make adjustments for best possible plowing in any condition
- Fast, positive penetration . . . clean uniform furrows . . . light draft
- Easy to operate . . . easy to adjust . . . easy to maintain
- Wide selection of bottoms, shares, and colters to match any soil



CLEARANCE

Handle heaviest trash . . . plow nonstop with International big-clearance plows. In every model there's plenty of room for material to roll through without plugging. Big vertical and fore-and-aft clearance plus huge diagonal clearance gives you trash-swallowing capacity to spare. You'll plow through thickest cover . . . bury it 10 or 12 inches deep . . . leave your fields level without a trace of trash. Yes, with an International you spend your time plowing, not unplugging.

Slim, trim beam assemblies. IH trip, rigid and automatic beams are extra-strong, yet the

trimmest on the market for maximum clearance. Trash has plenty of room to go right through and fold under the furrow slice. Compare them with other plow beams . . . you'll see why there's no gradual trash build-up as you work.

Colter clearance is a big factor in handling trash, too, and IH colters are designed to provide top clearance for fast, steady work in heavy cover crops. These colters combined with positive, clean-cutting, ripple-edged blades keep you on-the-go even when plowing deep in tall grass or tangled stalks.



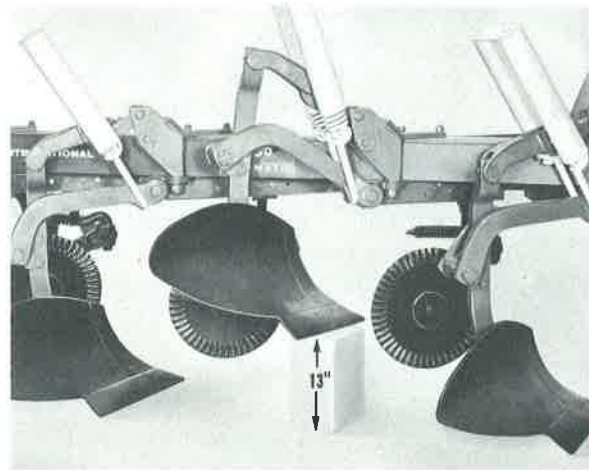
SIMPLE, RUGGED, SOLID

Basically, all International plows have the same type of design—concentrated-strength design. It has proved to be so rugged and solid that it is now offered in every heavy-duty model.

One look at this assembly quickly shows you why International plows always stay as solid as new. There's just nothing about them to get loose or sloppy. When beams and bottoms are bolted to the backbone, the plow is built! Draft rails, hitch, wheels, axles, etc., are needed only for pulling and for transport.

Three key features make concentrated-strength design so rugged; a heavy, welded box-section backbone . . . stiff, heavy, heat-treated side plates welded to a thick, broad-based attachment plate . . . and wide-spaced bolting that gives maximum support for securing the attachment plate to the backbone member. This simple, extra-strong construction keeps bottoms in true alignment . . . assures like-new performance of your plow, year after year.

Take a good look at IH concentrated-strength design. Check the husky welded box-section backbone (1). Note the wide spacing of the heavy bolts (2) which fasten the backbone to the heavy attachment plate (3). Rugged, heat-treated side-plates (4) are box-welded to the attachment plate at the top, and box-welded at the back (5).



Exclusive IH vertical action automatically allows each bottom to rise up and over sloping obstacles—as high as 13 inches—without tripping. Keeps unplowed spots to an absolute minimum. Note how bottom remains in plowing position even at the highest point of lift.

AUTOMATIC BEAMS LET YOU PLOW NON-STOP ANYWHERE

Roll right through fields littered with rocks and stumps—fields you wouldn't dare go near with an ordinary plow. That's right . . . an International plow with automatic beams lets you plow nonstop anywhere. Try one! Put it in your rockiest field and watch it do all you could ask of any plow—and more.

When a bottom strikes a sloping rock it automatically rides up and over and immediately returns to pre-set plowing depth. This vertical action means fewer tripping cycles . . . keeps unplowed spots to a minimum. If the bottom can't ride over a rock or obstruction, the beam trips. After tripping the bottom automatically snaps back to plowing position and returns to preset plowing depth. You never stop, lift, or

back the plow . . . you just keep plowing.

Exclusive IH automatic beams operate independently of each other. Two, three, four or even eight bottoms can ride up or trip at the same time without affecting the tripping action of other bottoms in any way. What's more, during the tripping cycle the share point never swings below the base of the furrow . . . never lifts the plow out of the ground.

Remember, only IH mechanical automatic beams give you independent vertical and independent tripping action. Ask your IH dealer to demonstrate an International automatic beam plow on your farm. You'll find that you will work more acres per hour, and do it easier. You'll save fuel . . . save your equipment, too!



Rocks...stumps...roots...nothing will stop an International plow with automatic beams!



Here are the finest spring-trip beams ever built!

These rugged beams swing free when bottoms hit a rock or obstacle. To relatch a bottom, just back your tractor . . . then take off again and continue plowing. It's just that simple, quick and easy. And IH trip beams never need greasing . . . operate trouble-free at all times. They have only two moving parts — the trip pin and the stub beam . . . and both are flame hardened for extra-long life. The trip load is easily adjusted to match soil conditions. Tests prove IH spring-trip beams can be tripped thousands of times without wear or change in the resistance to tripping.

Lower-cost shear-pin trip beams, available for most models, are ideal where rocks are only an occasional problem.

SEMI-MOUNTED PLOWS

SHORT TURNS, FAST BITE

International semi-mounted steerable plows combine the best features of both mounted and trailing plows. They follow your tractor like a shadow, make short turns, eliminate the need for extra-wide headlands. Here's the easiest plowing you'll ever experience with a big-capacity plow. Time saving? Yes! Quality plowing? You bet!

Exceptional maneuverability. Pivoting plow hitch and automatic steering tail wheel let you swing around narrow headlands and through gates with greater ease than with trailing plows of equal size.

Pivoting hitch also makes these plows ideal for plowing fields on the contour. There's no undercutting or overcutting of the furrow because the steerable tail wheel automatically follows in the same turning arc as the tractor.

With independent hydraulic control of front

and rear of plow you get quick ground entry . . . straight headlands. First, lower front of the plow so bottoms pitch down and points bite in fast . . . then lower the rear of the plow. This delayed action assures fast, positive penetration.

Big clearance, together with trim, snag-free beams, lets trash roll through for nonstop plowing . . . even when working 12 inches deep. Concentrated-strength design keeps plow solid as new for extra years of top-quality work.

The automotive-type tail wheel carries a good share of the plow's weight. You get extra-safe transport over rough fields, on sharp curves, and at fast highway speeds.

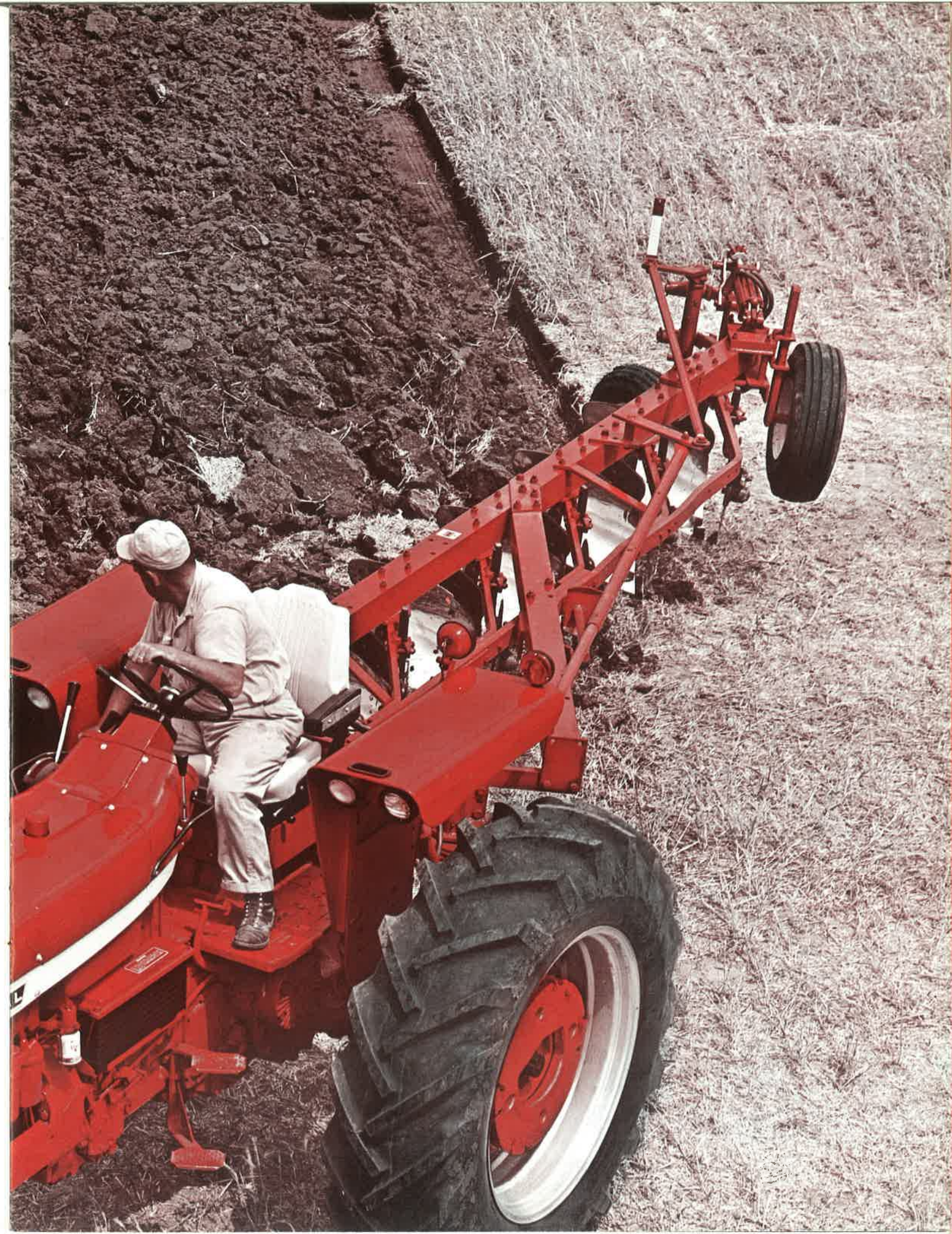
And, with these International semi-mounted steerable plows you get all the advantages of draft control . . . increased traction . . . more efficient use of tractor power.



You get fast penetration regardless of ground conditions . . . just lower the front of the plow to pitch bottoms down so points bite in fast.



Travel safely in road gear. Tail wheel carries part of the plow's weight. This increases stability on the highway as well as when making field turns.





SEMI-MOUNTED

500 SERIES

3, 4, 5, and 6 bottom

Here are top-plowing workmates for big tractors with Category II three-point hitch or Fast-Hitch. These steerable plows have the strength and clearance for rough, tough plowing in heaviest trash. They are easy to handle, easy to control . . . offer unexcelled stability, convenience, and maneuverability in the field and on the highway.

The 560 six-bottom and 550 five-bottom plows are available with on-land, in-furrow, or in-furrow hydraulic shifting hitch . . . the 540 four-bottom and 535 three-bottom plows with in-furrow or in-furrow hydraulic shifting hitch. Check all the features of the 500-series plows and you'll see why you'll do the finest, easiest plowing you've ever done.

Automatic steerable tail wheel lets you plow with greater efficiency. Make sharp turns for narrower headlands . . . cut full-width furrows on the contour.

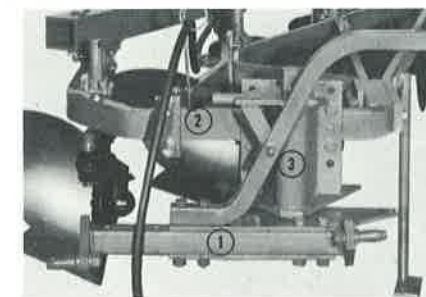
Steering rod transfers the turning action of the tractor from the hitch to the tail wheel automatically. Plow follows in the same turning arc as the tractor.

Concentrated-strength design, famous in IH plows. Beams and bottoms are held in true alignment by a heavy box-section backbone for top-quality work.

Pivot hitch. As the tractor turns, plow hitch pivots — this actuates the steering rod and turns the tail wheel. Hitch is fully adjustable for any tractor to obtain the most efficient line of draft.



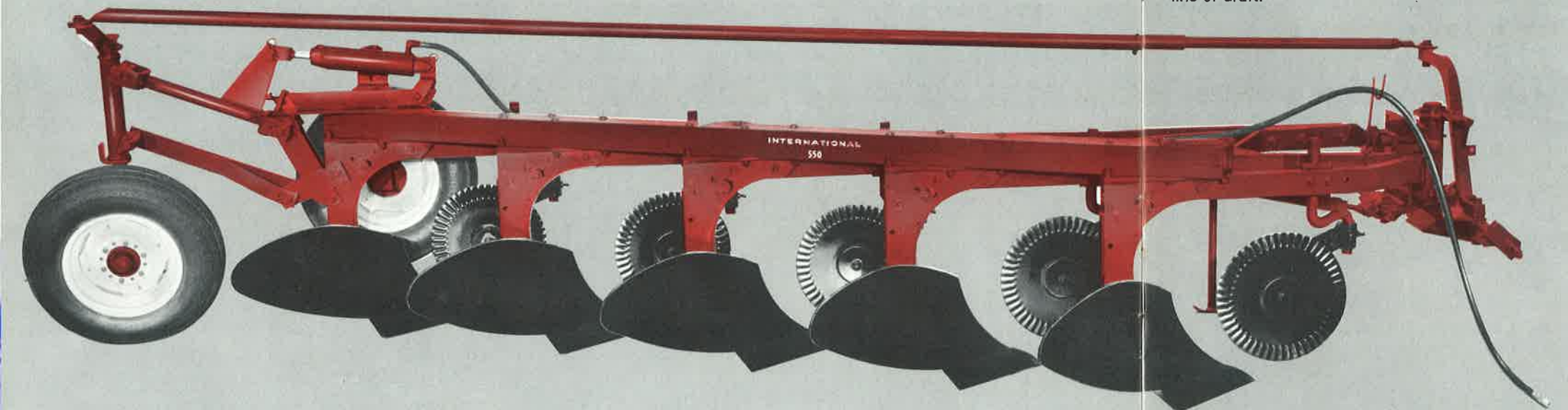
Hydraulic shifting hitch increases plowing performance when working on hill-sides or curved terraces. It permits on-the-go adjustment to the left or right of the hitch point to maintain proper width of cut on front bottom.



Precise hitch adjustments to match any tractor, any plowing condition. (1) Lateral positions on the hitch bar. (2) A sliding adjustment on the plow frame. (3) Vertical positions of the pivot assembly on the frame. Precise settings for efficient horizontal and vertical lines of draft.



Automotive-type tail wheel has heavy-duty sealed, tapered roller bearings, six-bolt hub, and replaceable spindle. Spindle has wide range of adjustments. Parallel lift linkage is ruggedly built to absorb side thrust and hold precise adjustments.



Gauge wheel is standard equipment on International steerable plows . . . assures constant depth, especially in soft ground where all plows tend to dig in.

Spring-trip or shear-pin trip beams. Both give equal protection against rocks or obstructions. Spring trips offer maximum convenience and are ideal where rocks are a constant problem.

Tremendous clearance means you'll plow nonstop through the heaviest trash. Vertical clearance is 27 inches, fore-and-aft is 26 inches. Beams are slim and trim to reduce gathering of trash.

Bottoms, 14 or 16 inch. Full range of styles and types to match your soil and selected tractor speed. Designed to do an excellent job of scouring and covering.



SEMI-MOUNTED 710 SERIES

*3, 4, 5, and 6 bottom
Automatic or spring-trip beams*

Here are the finest semi-mounted plows you can buy. With the International 710 you'll do a top-notch plowing job faster and easier than ever before. Pivoting hitch and automatic steerable tail wheel give you outstanding maneuverability. With independent hydraulic control of front and rear of plow, you'll get fast penetration, square headlands. And you can select automatic or spring-trip beams . . . 16 or 18-inch bottoms.

Huge clearance gives you the trash-swallowing capacity to handle the thicker cover crops of modern day farming. Vertical clearance is 30 inches. Fore-and-aft clearance is 31½ inches with 18-inch bottoms . . . 28 inches with 16-inch bottoms.

These extra-husky 710 plows are especially designed to work behind today's big, powerful tractors. The massive welded box-section backbone holds bottoms in perfect alignment even when plowing maximum depth in hardest soils. Beams are extra-heavy-duty too. Automotive-type tail wheel has sealed tapered roller bearings, six-bolt hub, and replaceable spindles.

Wide range of adjustments of hitch and tail wheel let you set the 710 to meet your exact working conditions. Hitch is fully adjustable to obtain the proper line of draft for the most efficient use of your tractor power and correct width of cut. The steerable tail wheel is easily adjusted for quality plowing regardless of soil conditions.

Smaller sizes of the 710 plow, ¾, ⅔, and 5-bottom, feature a combination gauge and transport steerable tail wheel . . . while the bigger sizes, ⅝ and 6-bottom are equipped with an in-furrow steerable tail wheel.

Try an International 710 plow in your own fields—in the heaviest trash and toughest going you can find. You'll really see the difference.

Hitch Options for 710 Semi-Mounted Plow			
710 Plow Sizes	CATEGORY II or III 3-Point Hitch		*Two-Point Fast Hitch
	In-furrow	On-land	In-furrow
With combination gauge and transport tail wheel			
3-bottom	X	—	X
4-bottom	X	—	X
5-bottom	X	—	X
With in-furrow tail wheel			
5-bottom	X	X	X
6-bottom	X	X	X

*For plows with 16-inch bottoms only.

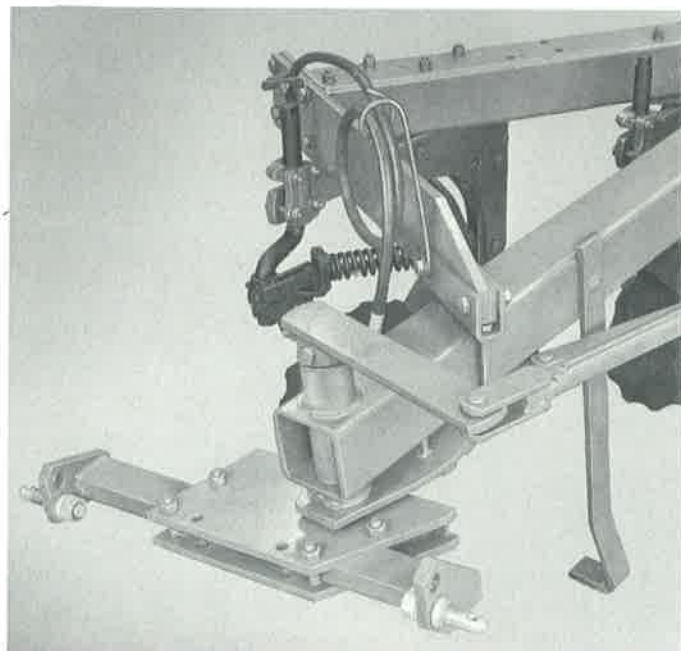
Smaller sizes of the 710 feature a hydraulically-controlled combination gauge and transport wheel. Wheel runs on the land . . . lets you precisely adjust plowing depth on-the-go.



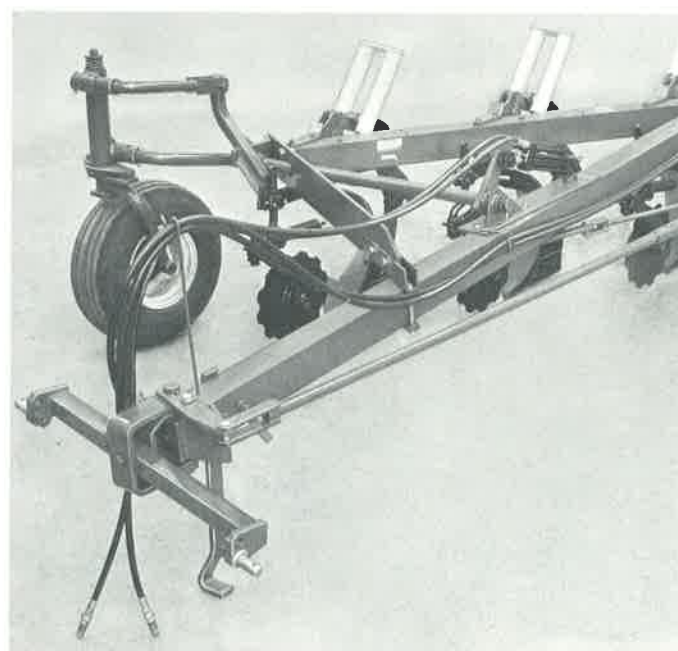
Big 5/6 and 6-bottom sizes are equipped with a husky tail wheel that rides in the furrow. Parallel-lift linkage is extra-strong to absorb side thrust, and hold precise adjustments. Separate gauge wheel is standard.



You'll appreciate the clean, simple design of the 710 . . . its rugged strength . . . and its ability to take rough going behind big power tractors.



In-furrow hitch. Precise adjustments let you match any plowing condition.



On-land hitch. Full-castering front furrow wheel permits top maneuverability . . . short field turns.

SEMI-MOUNTED 700 SERIES

7 and 8 bottom

Automatic or spring-trip beams

Here are the big plows for the farmer with big acreage . . . the International 700 in 7 and 8-bottom sizes. These top-performing plows let you plow deep, plow fast . . . give you the maneuverability, convenience of operation, and speed to finish fields in record time.

The big, brawny 700 semi-mounted plow features pivoting hitch and steerable tail wheel for top maneuverability . . . independent hydraulic control of front and rear of plow for fast penetration . . . huge 30-inch vertical and 28-inch fore-and-aft clearance for handling heaviest trash . . . and extra heavy construction for plowing 12 inches deep in toughest soils behind big powerful tractors.

Choose automatic or spring-trip beams . . . 16 or 18-inch bottoms . . . standard drawbar, or in-furrow or on-land three-point hitch.



MOUNTED PLOWS

CLEARANCE, STRENGTH, CONVENIENCE



Fully-mounted plows give you trailing-plow quality of work plus all the conveniences of a mounted plow . . . quick hitching, fast transport, and top maneuverability for quick field turns and backing into tight corners. There's an economy advantage, too . . . you save the cost of wheels, axles, and extra cylinders.

These heavy-duty plows have the clearance and strength for 12-inch-deep plowing in the toughest conditions. You'll plow under waist-high trash . . . leave

your fields clean and smooth . . . and with concentrated-strength design the plow stays solid, bottoms remain in perfect alignment even after years of hard use. Simple, precise adjustments adapt your plow for best work in your particular conditions.

Pick the mounted plow that matches your tractor power . . . your farming conditions. Two, three, four, and five-bottom sizes . . . automatic or spring-trip beams, depending on model.

MOUNTED HEAVY-DUTY 450 SERIES

*3 and 4 bottom
Automatic beams*



The International 450 is the biggest clearance mounted plow in the field. With huge 30-inch vertical and 26-inch fore-and-aft clearance, trash rolls right through and is buried beneath the furrow slice, leaving your fields clean and level. You'll plow up to 12 inches deep in hood-high weeds or tangled trash . . . trash you wouldn't go near with an ordinary plow.

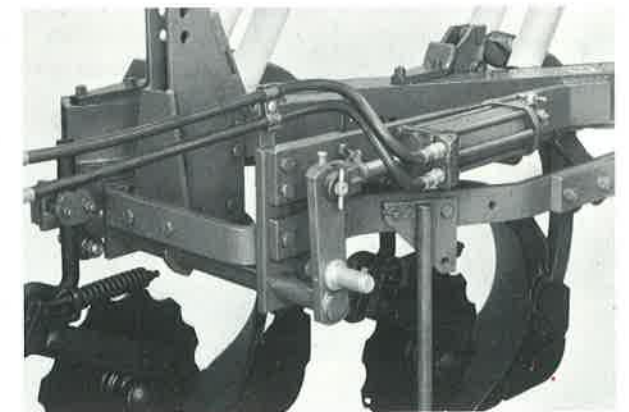
The tougher the plowing job, the more you'll appreciate the 450. It has the muscle to work at high speed and stand up under the tremendous pulling power of big tractors. The massive 5x5-inch welded box-section backbone holds bottoms in perfect alignment even when plowing maximum depth in hardest soils. Beams are extra husky too.

Rocks, stumps, heavy roots, nothing — and we mean absolutely nothing — will stop the husky 450 with automatic beams. When a bottom strikes a sloping rock it automatically rides up and over and immediately returns to pre-set plowing depth. This vertical action means fewer tripping cycles . . . keeps unplowed spots to a minimum. If the bottom can't ride over a rock or obstruction, the beam trips. After tripping, the bottom automatically snaps back to plowing position and returns to pre-set plowing depth. You never stop, lift, or back the plow . . . you just keep plowing.

You can expand the three-bottom plow to

four bottoms by bolting on a main frame extension and bottom assembly . . . or reduce the four bottom plow by one bottom to balance plowing load to available tractor power or seasonal changes in soil conditions.

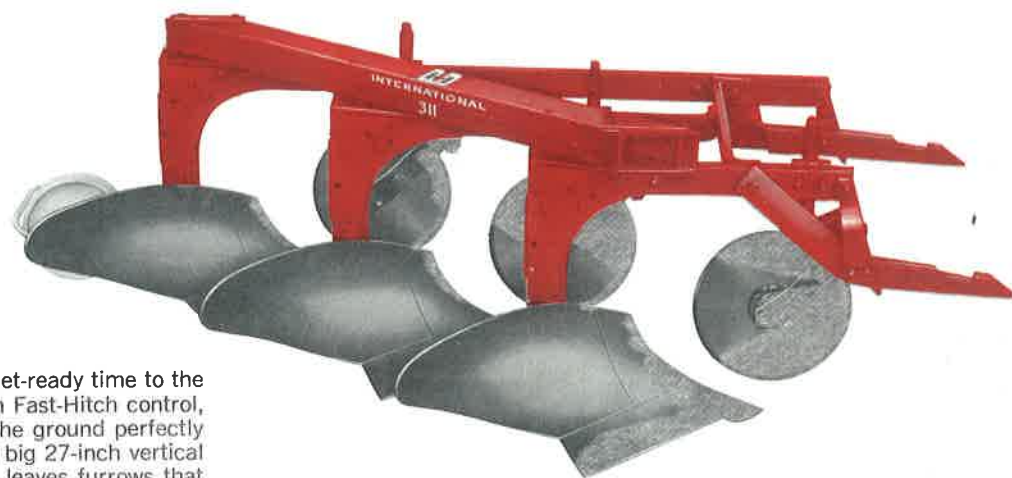
The International 450 plow will work with tractors equipped with Category II or III three-point hitch and having adequate horsepower and hydraulic equipment.



Hydraulic or manual width-of-cut adjustment. Hydraulic landing (shown) permits on-the-go adjustment . . . increases plowing performance when plowing on hillsides or curved terraces.

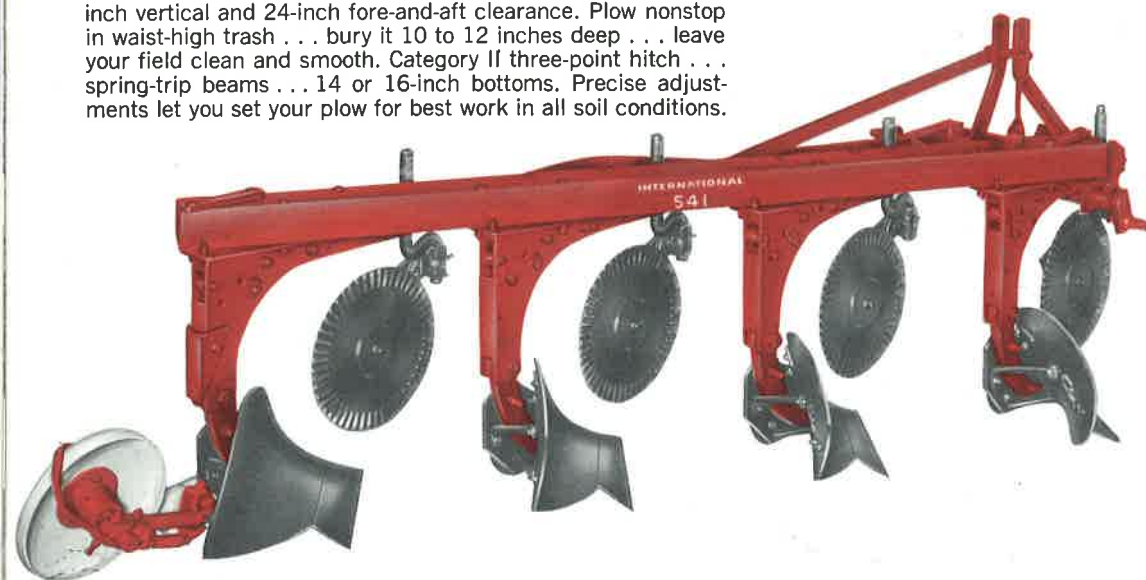
MOUNTED HEAVY-DUTY

3, 4, and 5 bottom

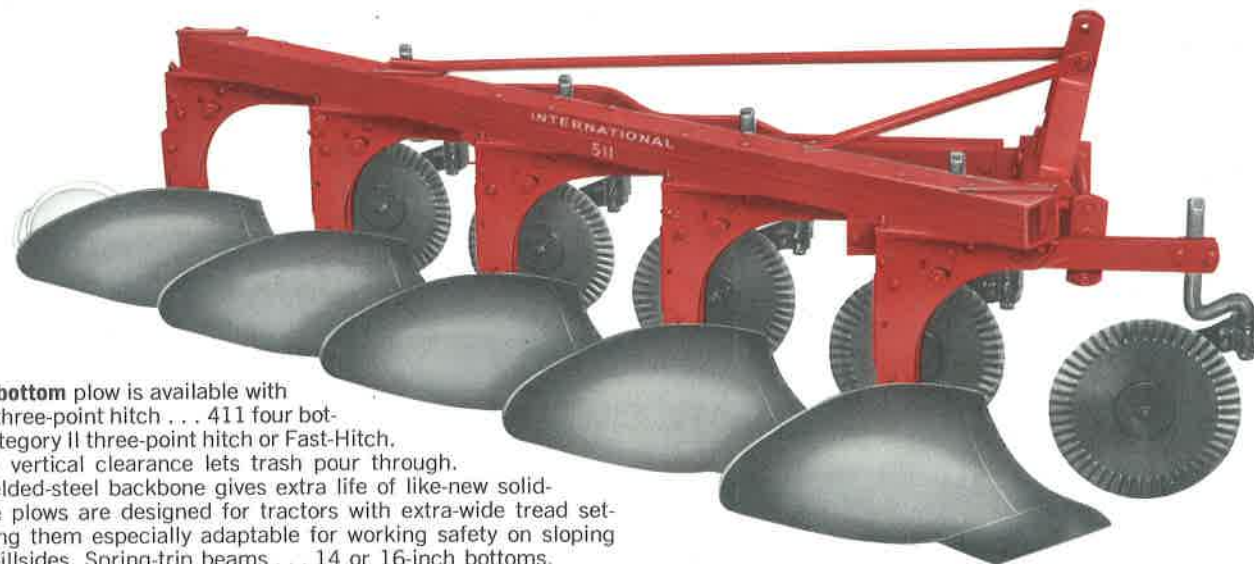


311 three-bottom Fast-Hitch plow cuts get-ready time to the bone. Just back into the plow, raise it with Fast-Hitch control, and head for the field. This plow follows the ground perfectly over rough fields and on the contour. With big 27-inch vertical clearance, it turns under heavy trash . . . leaves furrows that are uniform both in depth and width. Spring-trip beams . . . bottoms to match your soil.

541 four-bottom and 531 three-bottom plows have full 27-inch vertical and 24-inch fore-and-aft clearance. Plow nonstop in waist-high trash . . . bury it 10 to 12 inches deep . . . leave your field clean and smooth. Category II three-point hitch . . . spring-trip beams . . . 14 or 16-inch bottoms. Precise adjustments let you set your plow for best work in all soil conditions.



Spring-loaded furrow wheel. Spring tension keeps wheel "glued" to bottom of furrow regardless of ground conditions or plow movement due to the action of draft-control hitches. As a result, you'll plow straighter, more uniform furrows . . . get faster penetration. Standard on 511, 411, 311, 541, and 531 plows.



511 five-bottom plow is available with Category II three-point hitch . . . 411 four bottom with Category II three-point hitch or Fast-Hitch. Big 27-inch vertical clearance lets trash pour through. Rugged, welded-steel backbone gives extra life of like-new solidness. These plows are designed for tractors with extra-wide tread settings, making them especially adaptable for working safely on sloping lands and hillsides. Spring-trip beams . . . 14 or 16-inch bottoms.



MOUNTED 420 SERIES

2, 3, 4, and 5 bottom

Category I and II

3-point hitch

Here's a rugged, easy-working plow that gives you more value than any other plow in its price class. Take a good look at the 420 . . . you'll find that it has what it takes to work deep in hard soils, heavy trash. Big clearance, 27-inch vertical and 24-inch fore-and-aft, lets material roll through with unobstructed ease. Welded, box-section backbone and tough boxed-in beams keeps plow solid year after year. A special feature permits moving the plow closer to the tractor for increased stability.



Plow up to 10 inches deep with the 420. Choose spring-trip or shear-pin trip beams . . . 14 or 16-inch bottoms. 16 inch only for 5-bottom plow.

You'll also appreciate the other top performance features found in the 420. Trouble-free spring-trip beams have only two moving parts — never need greasing. Spring-loaded furrow wheel holds fast to the bottom of the furrow regardless of plow movement. You get quick penetration . . . more uniform furrows . . . lightest possible draft. Hydraulic landing adjustment, available for Category II plows, permits on-the-go adjustment and increased plowing performance on curved terraces and hillsides.

Team up one of these outstanding plows with your tractor. You'll be pleasantly surprised with the far-better plowing job you'll do. Category I hitch plows are available in 2 and 3-bottom sizes . . . Category II in 3, 4, and 5-bottom sizes.

TRAILING PLOWS TOUGH, RUGGED

TRAILING 700 SERIES

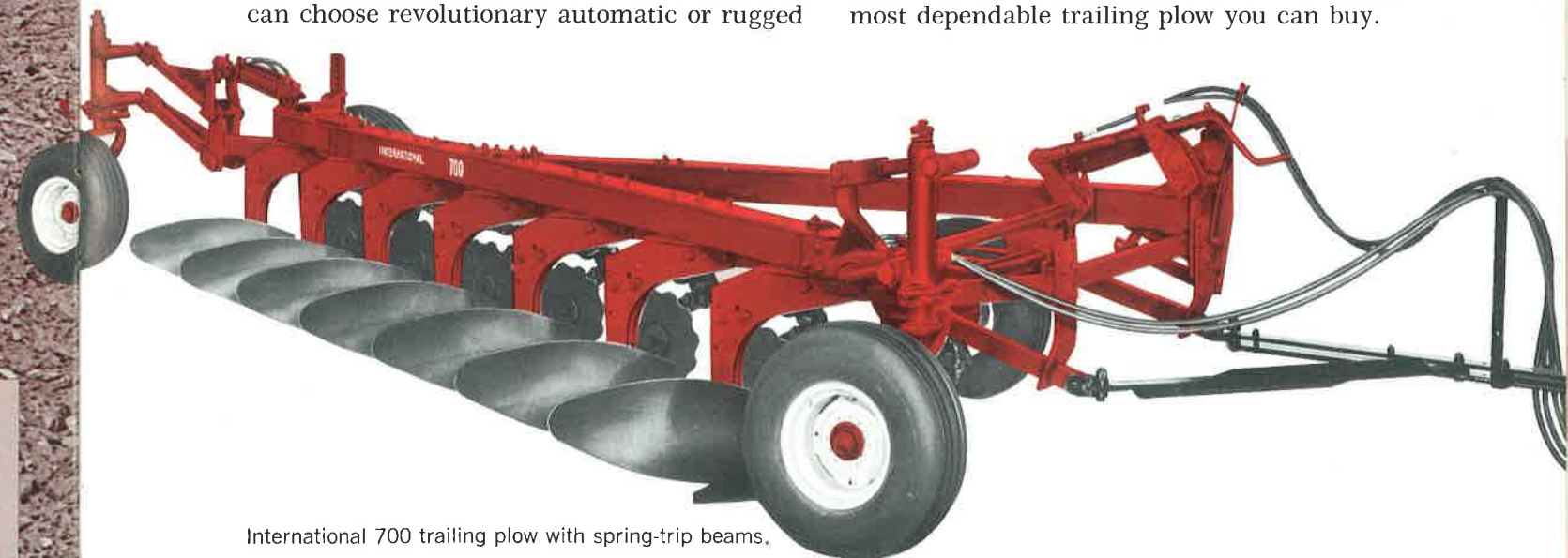
*4, 5, 6, 7, and 8 bottom
Automatic or spring-trip beams*

Prefer a trailing plow? Then take a good look at the International 700—the trailing plow that is setting new standards for the industry. The top-performing 700 was field tested and approved by farmers in areas where the trailing plow is king. It's built extra strong . . . handles toughest soil conditions at high speed with big power tractors . . . has extra big clearance to let trash roll through without plugging . . . and, you can choose revolutionary automatic or rugged

spring-trip beams for worry-free plowing.

Check every feature of this exceptional plow . . . the reversible hitch for either on-land or in-furrow plowing . . . the full-castering front and rear furrow wheels for short turns . . . the independent hydraulic control of front and rear wheels that let you pitch the plow for fast penetration. Then try an International 700 on your farm and prove to yourself that it's the finest, most dependable trailing plow you can buy.

Team up two International trailing plows with a tandem hitch attachment. Pull up to 10 bottoms to make full use of your big tractor power. Plows work independently of each other to maintain uniform depth. Each plow is raised and lowered separately to keep headlands neat and narrow. Hitch handles two 700 or two 70 plows . . . or a combination of one 700 and one 70.



International 700 trailing plow with spring-trip beams.



700 Trailing Plow

Good work comes easy with a 700 plow. Despite its size, this big-capacity trailing plow gives you the precise control and ease of handling you'd expect only with a much smaller plow. And, whether you select the 700 with spring-trip or automatic beams, you get the same outstanding features and the same unsurpassed plowing performance.

Independent hydraulic control of front and rear furrow wheels gives you fast penetration regardless of ground conditions. Simply lower the front of the plow so bottoms pitch down and bite in fast . . . then lower the rear of the plow. In addition, the front and rear furrow wheels are full castering to permit shortest possible turns. A spring-loaded cam keeps the wheels straight and true except during actual turns. For plowing on hillsides the front furrow wheel can be pinned rigid.

Extra-big clearance lets you get more work done faster. Big 30-inch vertical and 28-inch

fore-and-aft clearance keeps you on-the-go . . . you'll plow 12 inches deep in high weeds or tangled trash and leave your fields clean and level. Yes, even in the most adverse conditions the 700 will come through with flying colors.

Big and brawny, the 700 is built to take the roughest, toughest plowing in stride. The massive 5x5-inch welded box-section backbone provides unyielding rigidity . . . holds bottoms in true alignment even when plowing maximum depth in hardest soils. Beams are extra husky too. Automotive-type land and furrow wheels have heavy-duty tapered roller bearings and six-bolt hubs.

The unique drawbar hitch is reversible to accommodate tractors running either in-the-furrow or on-the-land. And it's fully adjustable, vertically and horizontally, to obtain the proper line of draft for the most efficient use of tractor power and correct width of cut.

The International 700 trailing plow is avail-



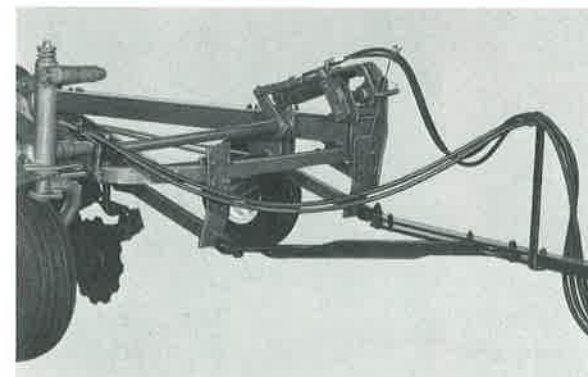
Here's real "keep going" farming . . . the 700 trailing plow with automatic beams. Bottoms ride up and over sloping obstructions. If a bottom hits a hooking obstruction the

beam trips, automatically resets, and instantly returns to preset plowing depth. You never have to stop, lift or back the plow . . . you just keep plowing.

able in 4, 5, 6, or 7-bottom sizes. These basic plows can be increased by one bottom by bolting on a main frame extension and bottom assembly. All basic sizes, except the four bottom, can also be reduced by one bottom to balance plow-

ing load to available tractor power or seasonal changes in soil conditions.

Custom-equip the 700 to meet your needs. Choose bottoms, shares, colters and trash plates to match your exact plowing conditions.



Reversible drawbar hitch is adjustable up and down and side to side for proper line of draft. Hitch can be used for either on-land or in-furrow plowing.



Full castering front and rear furrow wheels permit top maneuverability, short field turns. Rear furrow wheel is pinned rigid for fast highway transport.

TRAILING

60 *and*
70

*2, 3, 4, 5, and
6 bottom*



**No. 70 plows . . .
for tough plowing in heaviest trash**

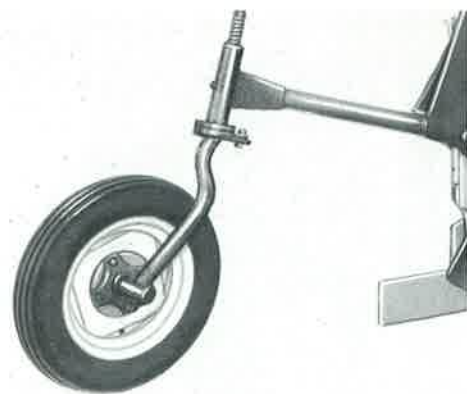
The No. 70 plows are just the ticket for heavy soils, toughest going, and heaviest trash. They have a heavy-duty backbone member and heavy-duty axles . . . axles are mounted above the rails for extra clearance. And, big 27-inch vertical and 24-inch fore-and-aft clearance combine to form a big trash door. You'll plow 12 inches deep . . . leave your fields clean and smooth.

The 70 plow is available with spring-trip or rigid beams in six-bottom reducible to five . . . five-bottom reducible to four . . . four-bottom reducible to three . . . four and three bottom sizes. The big six bottom plow is regularly equipped with a full-castering tail wheel for shortest possible turns.

**No. 60 plows . . .
for most soil and trash conditions**

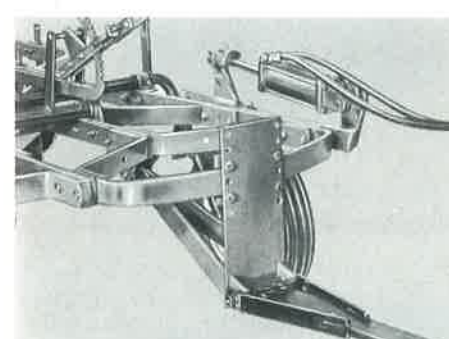
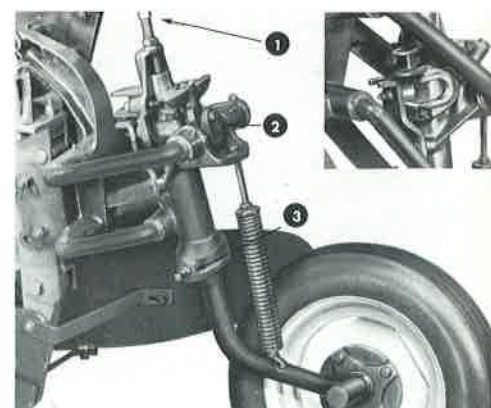
The popular priced No. 60 plows outclass all others in their price range. They have the same concentrated-strength design to keep bottoms in rigid alignment . . . the same tough, boxed-in spring-trip or rigid beams . . . the same precision-roller wheel bearings . . . and the same true-trailing tail wheel as the No. 70 plow.

Work up to 10-inches deep in most soil and trash conditions. Big 27-inch vertical and 21-inch fore-and-aft clearance assures plenty of room for the furrow slice to flow through. The 60 plow is available in four bottom reducible to three . . . three bottom and two bottom sizes.

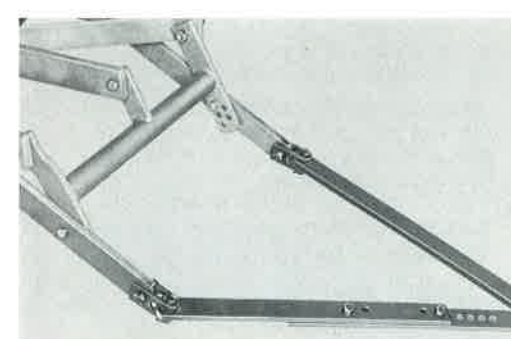


Full-castering tail wheel allows shortest possible turns. A spring-loaded cam permits the wheel to pivot for turns, yet assures true-trailing at high speeds. Wheel is adjustable to follow true no matter how plow is landed. This tail wheel is standard for the six-bottom 70 plow . . . optional for five and four-bottom 70 plows and four-bottom 60 plows.

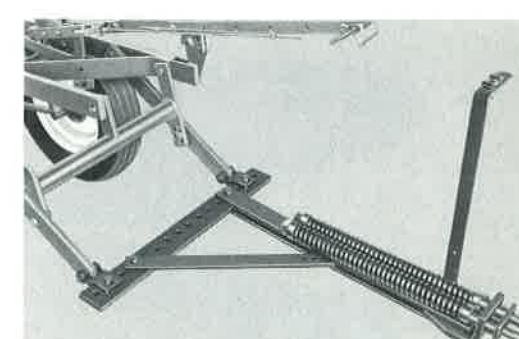
This tail wheel is available on both 60 and 70 plows. It is easily adjusted (1) for heel clearance, (2) for wheel lead, and (3) for landslide clearance. Curved ramp and roller (inset) controls the tail wheel . . . keeps the wheel straight for safe, high-speed transport, yet permits it to pivot for turns.



The No. 70 single-bar hitch is completely streamlined for top trash clearance. The single bar also provides maximum clearance for short turns and easy maneuvering. Hitch is easy to adjust, too—just move to right or left along the front curved rail, and raise or lower center plate as needed.



The No. 60 Y-type hitch is also clean and smooth for maximum trash clearance. Wide range of adjustments—up and down and side to side—let you set the plow to meet your exact working conditions. As a result, you'll get top plowing performance and greater fuel economy.



Optional crossbar hitches. Short and long cushion-spring hitches, short double-spring-release hitch, and short and long rigid hitches are available for No. 60 four/three furrow plow and No. 70 three, four/three, four, and five/four-furrow plows. Short cushion-spring hitch shown.

BOTTOMS & SHARES

PLOW FAST, CLEAN

SUPER CHIEF BOTTOMS

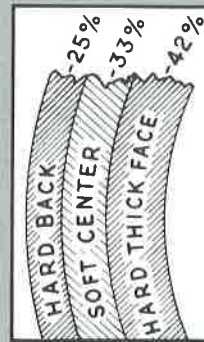
Quick-penetrating, light-draft Super Chief bottoms have a rugged, heavy-duty frog, replaceable shin, and 4-bolt share mounting. What's more, they have exceptional scouring ability. Bottoms are polished in the same direction the soil slides across the face of the moldboard.

High-speed (HSCX) bottom is ideal for sod or stubble. It's designed to crumble the soil and leave fields smooth and level. Clears a wider furrow for extra tire room. Off-center, soft-center steel moldboard. 14, 16, and 18-in. sizes. The high-speed (HSCXS) bottom has the same shape but comes with a solid steel moldboard for use in rocky fields. 16 and 18-in. sizes.

Stubble (HSCG) bottom scours well in stickier soils due to the abrupt shape of the moldboard. It will turn furrows uphill at slow speeds, making it the ideal bottom for hillside plowing. Off-center, soft-center steel moldboard. Available in 14 and 16-in. sizes.

Slat (HSCS) bottom is ideal in sticky soils where scouring is a severe problem. The soft-center, extra-heavy steel slats are $\frac{3}{8}$ -in. thick. A deep-tillage slat (HSCUS) bottom is available for farmers who want to plow extra deep. Both bottoms available in 16-in. size.

You'll find new bottoms not only scour easier and quicker but have improved scouring for the life of the bottoms. A wide range of Super Chief bottoms and shares let you select the style that's exactly right for your farming conditions.

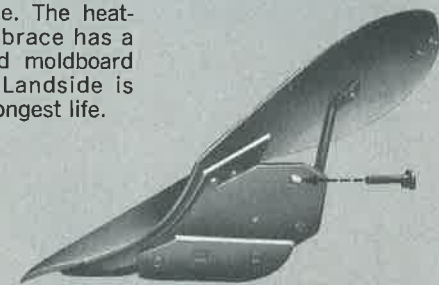


Off-center, soft-center steel moldboards and shins have an extra-thick face for longer wear and a shock-resistant soft center for toughness. See cross-section sketch.

Here's why Super Chief Bottoms last longer...



Rugged, welded-steel frog has $\frac{1}{2}$ -inch side wall . . . husky $\frac{3}{4}$ -inch welded support brace. The heat-treated moldboard brace has a serrated end to hold moldboard firmly in position. Landside is chilled cast iron for longest life.



Adjustable pitch feature on Super Chief bottoms increases share life . . . provides additional suck for better penetration. Simply tilt bottoms down $\frac{1}{2}$ -inch by turning an eccentric bolt 180 degrees. It increases penetrating ability in tough soils . . . restores penetration when shares become worn.

Low-cost throwaway

SUPER CHIEF SHARES

Economical throwaway shares make it easy to keep your plow working like new. All are heavy-duty $\frac{3}{8}$ -inch thick, made of high-carbon steel and heat-treated for extra strength. All are 4-bolt shares to give extra-solid mounting for longer life. All shares are interchangeable and will fit on any Super Chief bottom. Various lengths provide under-cut, full-cut, and over-cut shares.



Thick-point share has extra metal at the point for longer life, even in rocky or abrasive soils. Share is $\frac{1}{2}$ -inch thick at the point.



Flat share performs well in average plowing conditions.



Deep-suck share penetrates hardest soils. Regular or hard surfaced for abrasive soils. Not recommended for extremely rocky soils.



Curved share works well in sticky, hard-scouring soils. Not recommended for extremely rocky conditions.

General-purpose (HSCH) bottom does an excellent job in a wide variety of soils. It turns a neat, clean furrow and covers well at normal plowing speeds of three to five miles per hour. Scours clean in most soil conditions. Off-center, soft-center steel moldboard. 14 and 16-in. sizes.

Deep-tillage (HSCU) bottom has an extra-high moldboard . . . lets you plow deep and fast with minimum spill over. Soft-center steel moldboard. Available in 16 and 18-in. sizes.

High-speed (TF) bottom with its 35° share angle lets you plow up to 6 mph. The long moldboard has a gradual slope . . . gives perfect control over the furrow slice . . . turns heavy sod, stubble, or cornstalks completely under . . . leaves fields smoother, too. Heavy-duty 4-bolt upset share is $\frac{1}{2}$ -inch thick for longer life in rocky or abrasive soils. Available with 14 or 16-inch throwaway shares.

COLTERS, JOINTERS & TRASH PLATES

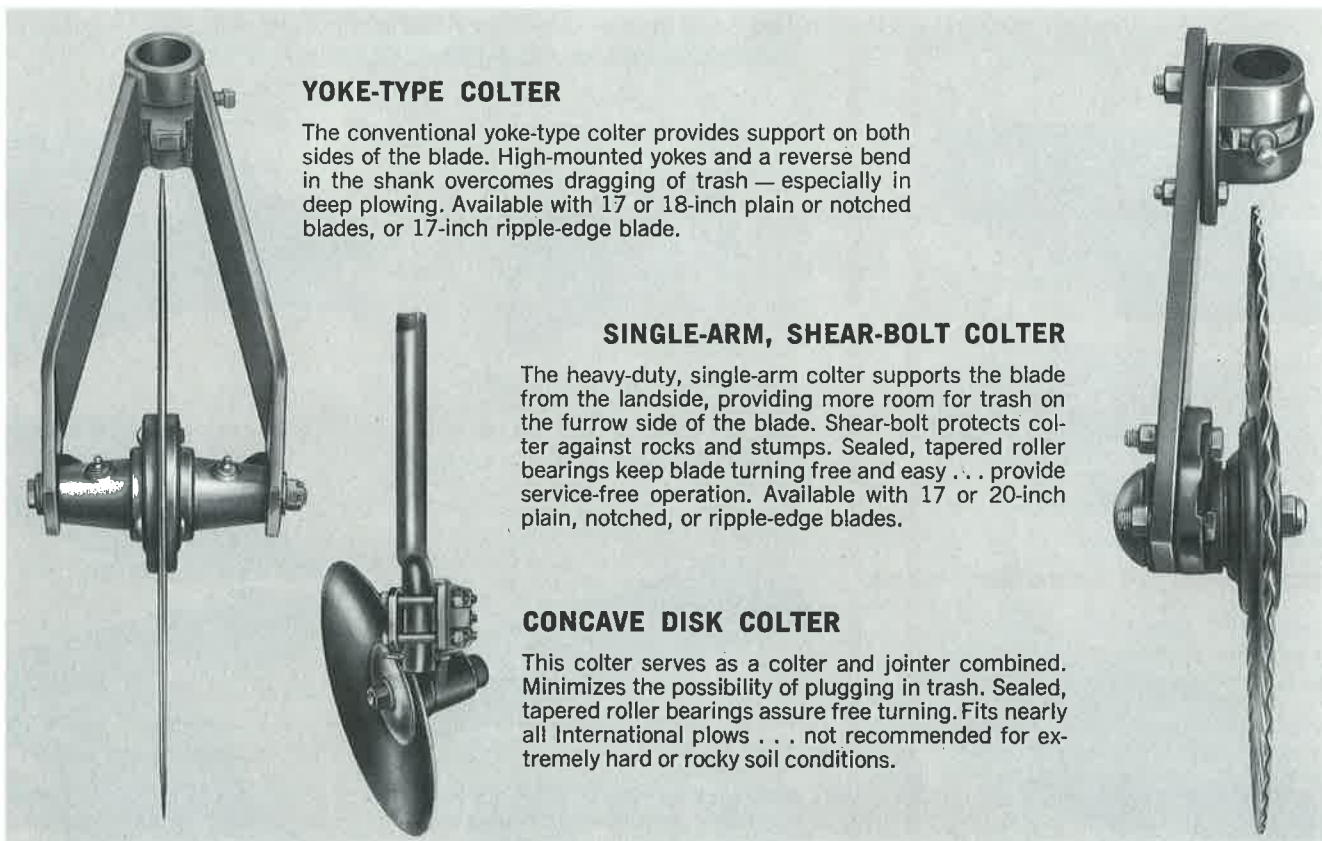
CUSTOM-EQUIP *your plow*

Your IH dealer offers you a wide selection of equipment to meet the varying conditions — soil types, crops, moisture — encountered in plowing. The colters, blades, jointers, and trash plates shown here will help you tailor your plow for more efficient plowing, regardless of your particular conditions. Remember, the use of proper equipment is often the difference between a good or poor plowing job.



SPRING-CUSHIONED COLTER

Heavy-duty spring-cushioned colter speeds up plowing in fields heavy with rocks and deep-rooted stumps. You never worry about damage. The spring absorbs shock and permits the colter to ride safely over rocks and hidden obstructions. As a result, you save money . . . plow nonstop, too! Spring tension is adjustable to match field conditions. Single-arm and high-mounted spring minimizes the usual plugging delays in heavy trash. Precision sealed, tapered roller bearings assure easy-turning, service-free operation. Available with 17-inch plain, notched, or ripple-edged blades. Fits most plows. A special spring-cushioned colter with extra flexing range is available for automatic beam plows.



YOKE-TYPE COLTER

The conventional yoke-type colter provides support on both sides of the blade. High-mounted yokes and a reverse bend in the shank overcomes dragging of trash — especially in deep plowing. Available with 17 or 18-inch plain or notched blades, or 17-inch ripple-edge blade.

SINGLE-ARM, SHEAR-BOLT COLTER

The heavy-duty, single-arm colter supports the blade from the landside, providing more room for trash on the furrow side of the blade. Shear-bolt protects colter against rocks and stumps. Sealed, tapered roller bearings keep blade turning free and easy . . . provide service-free operation. Available with 17 or 20-inch plain, notched, or ripple-edge blades.

CONCAVE DISK COLTER

This colter serves as a colter and jointer combined. Minimizes the possibility of plugging in trash. Sealed, tapered roller bearings assure free turning. Fits nearly all International plows . . . not recommended for extremely hard or rocky soil conditions.

RIPPLE-EDGED COLTER BLADES

Ripple-edged blades do an unsurpassed job of cutting trash and soil. Blades cut deep into the soil with rippled edges which prevent slippage and assure constant full-speed blade rotation. Cutting action is like a serrated knife . . . takes place in front of the blade and not underneath as with a plain blade. 17 or 20-inch sizes.

NOTCHED COLTER BLADES

Notched blades are preferred in hard ground and in heavy trash conditions, where plain blades may fail to cut through. Notches hold stalks down firmly under the blade for positive cutting. 17, 18, or 20-inch sizes.

PLAIN COLTER BLADES

The plain blade does a good job and cuts a clean furrow wall in conditions where trash is not too excessive in quantity. Available in 17, 18, or 20-inch size.

STATIONARY JOINTER

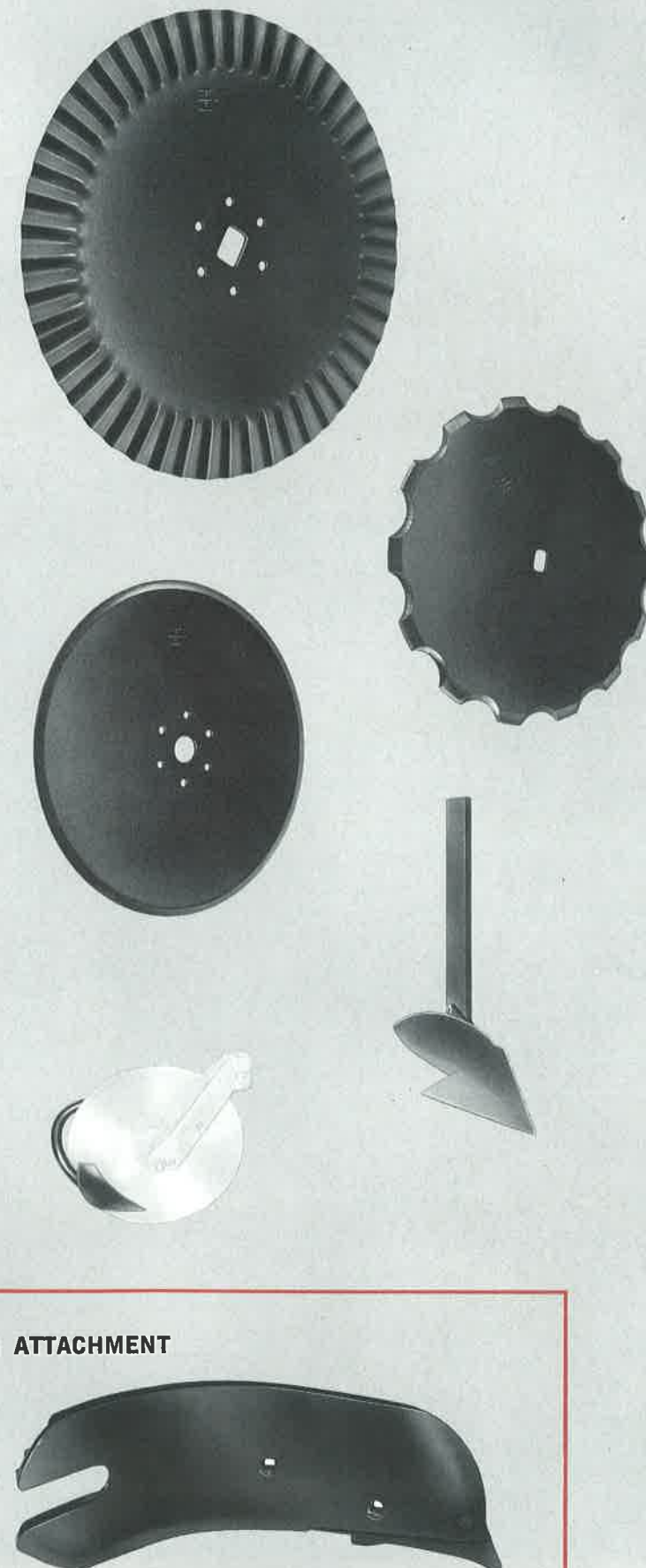
The stationary jointer mounts directly on the plow beam and is independent of the colter. This jointer is particularly favored in standing trash conditions and rocky or hard-to-penetrate soils where they may be used in place of colters. Jointer can also be used with rolling colter.

COMBINATION JOINTER

Combination jointers turn a little furrow off the edge of the furrow slice to give you a clean furrow wall and thorough trash coverage. Jointer has independent adjustment for height and proper relation with colter blade. Available for yoke-type and single-arm colter.

EXCLUSIVE IH FLEXI-PLATE TRASH COVERING ATTACHMENT

The Flexi-Plate covering attachment helps turn trash and residue into the open furrow . . . keeps trash from littering plowed field. It's tops for scouring, too. The secret is that they are built of a tough flexible plastic. In use the constant flexing action combined with a slick surface sheds stickiest soils. Scours where other type plates build up with dirt. They're economical, too! Steel trash plates are available for extremely abrasive soils.



INTERNATIONAL
MOLDBOARD PLOWS

2 to 8 bottoms

SPECIFICATIONS



TYPE	FULLY MOUNTED							SEMI-MOUNTED STEERABLE				TRAILING		
Model	420	531	541	311	411	511	450	500 Series	710		700	60	70	700
Size (Number of Furrows)	2, 3, 4, or 5	3	4	3	4	5	3 or 4	3, 4, 5, or 6	3, 4, or 5	5 or 6	7 or 8	2, 3 or 4	3, 4, 5, or 6	4, 5, 6, 7, or 8
Hitch	Cat. I 3-point 2 and 3 bottom Cat. II 3-point 3, 4, and 5 bottom	Cat. II 3-Point		Fast-Hitch	Cat. II 3-Point or Fast-Hitch	Cat. II 3-Point	Cat. II or III 3-Point	In-furrow Cat. II 3-point hitch or Fast-Hitch. On-land hitch available for 5 and 6 bottom plows	In-furrow Cat. II or III 3-Point Hitch or 2-Point Fast-Hitch	In-furrow or on-land Cat. II or III 3-Point Hitch. In-furrow 2-Point Fast-Hitch	In-furrow or on-land with 3-Point Hitch—or standard drawbar hitch	Y-Type	Single Bar	Standard drawbar hitch, reversible for on-land or in-furrow plowing
Vertical Clearance	27 in.	27 in.	27 in.	27 in.	27 in.	27 in.	30 in.	27 in.	30 in.		30 in.	27 in.	27 in.	30 in.
Fore-and-Aft Clearance	21 in.	24 in.	24 in.	21 in.	21 in.	21 in.	26 in.	26 in.	28-in. w/16-in. plow 31½-in. w/18-in. plow		28 in.	21 in.	24 in.	28-in. w/16-in. plow 31½-in. w/18-in. plow
Plowing Depth	10 in.	12 in.	12 in.	12 in.	12 in.	12 in.	12 in.	12 in.	12 in.		12 in.	10 in.	12 in.	12 in.
Type Beams	Spring Trip or Shear-Pin Trip	Spring Trip		Spring Trip			Automatic	Spring-Trip or Shear-Pin Trip	Automatic or Spring-Trip		Automatic or Spring Trip	Spring Trip or Rigid		Automatic or Spring Trip
Bottom Sizes	14 or 16 in.	14 or 16 in.		14 or 16 in.	16 in.	16 in.	16 in.	14 or 16 in.	16 or 18 in.		16 or 18 in.	14 or 16 in.		16 or 18 in. depending on plow size
Frame	Welded Box-Section Backbone	Welded Box-Section Backbone		Welded Box-Section Backbone			Welded Box-Section Backbone	Welded Box-Section Backbone	Welded Box Section Backbone		Welded Box-Section Backbone	Welded Box-Section Backbone		Welded Box-Section Backbone
Colters	Yoke-type colter with 17-in. plain blade, standard. Spring-cushioned or shear-pin single-arm colters with plain, notched, or ripple-edged blade, special.							Yoke-type colter with 17-in. plain blade, standard. Spring-cushioned or shear-pin single-arm colters with plain, notched, or ripple-edged blade, special.				Yoke-type with 17-in. plain blade, standard. Spring-cushioned or shear-pin single-arm colters with plain, notched, or ripple-edge blade, special.		
Rear Furrow Wheel	Spring-loaded, standard	Spring-loaded, standard		Spring-loaded, standard			Steel wheel, rigid standard	Steerable, hydraulically operated, automotive type	—	Steerable, hydraulically operated, automotive type	Steerable, hydraulically operated, automotive type	Trails true, pivots for turns. 4:00 x 12 rubber tired		Full casting automotive type
Gauge Wheel	—	—		Automotive type with sealed, tapered roller bearings, attachment			Automotive type with sealed tapered roller bearings, standard	Automotive type with sealed tapered roller bearings, standard	Steerable, hydraulically operated combination gauge and transport wheel	Automotive type with heavy-duty sealed, tapered roller bearings, standard	Automotive type with heavy-duty sealed, tapered roller bearings, standard	—	—	Automotive type with heavy-duty sealed, tapered roller bearings, standard
Tractor Wheel Tread Center to Center (in.) 16-in. bottoms	*Cat. I 56 *Cat. II 66	70	70	70	90	90	74	—	—	—	—	—	—	—
Tractor Wheel Tread PTO to Inside of Tire (in.) 16-in. bottoms	*Cat. I 21 *Cat. II 26	28	28	28	38	38	28	—	—	—	—	—	—	—

*14-in. bottoms



SAVE TIME... REDUCE COSTS

Cut field time. Plow, harrow, and mulch in one operation by mounting a plow mulcher attachment to your plow. The mulcher breaks up clods, works out air pockets, levels ridges and ruts. In many cases your field will be ready for planting.

The mulcher is mounted directly to the backbone frame of the plow. It enters and lifts out of the ground as the plow is lowered or raised . . . transports easily.

Sturdily constructed, tubular steel pull arms and

heavy-duty tubular tooth bars hold the mulcher firmly in position. Two ranks of strong $\frac{3}{8}$ -inch coil spring teeth mulch the soil as soon as it leaves the bottoms. The vibrating action of the teeth works soil thoroughly . . . sheds trash. You plow nonstop.

The IH plow mulcher attachment is available for International 500 series and 710 semi-mounted plows, 60 and 70 trailing plows, and 4, 5, and 6-bottom 700 trailing plows.

Specifications subject to change without notice.

First to serve the farmer



INTERNATIONAL FARM EQUIPMENT

INTERNATIONAL HARVESTER EXPORT COMPANY

CHICAGO, ILLINOIS, U. S. A.