



INTERNATIONAL[®] 1256 TURBO TRACTORS



PULL AHEAD NOW WITH I

Big power. High speed ability. Exclusive position comfort design.

New, more powerful 1256 Turbo surpasses even the outstanding performance of the tractor it replaces. And power is only part of the story.

Position Comfort Design makes the 1256 Turbo number one for driving comfort, convenience and ease of operation (see pages 6 and 7).

Large diameter, dual-stage dry-type air cleaner; new quick coupler; new wedge lock wheels; power disc brakes; 1000 RPM IPTO; sturdy quick-change duals; quiet, all-season cab; 38-inch tires (Farmall) add to owner satisfaction. And the husky, 407 cu. inch turbo diesel engine has torque reserve to spare for steady

pulling, quick response to sudden loads. Power-to-weight ratio is excellent. Plenty of useful working speeds. Exceptionally easy shifting plus shift-on-the-go torque amplifier. The exclusive type of torsion bar draft control provides smooth plowing that saves time and fuel.

This is no ordinary "blown" tractor: it was built for turbo from the start . . . built strong for high-speed, hard-pull farming with big plows, big planters, big tool bars and chisels.

If you want tremendous power and full dependability, test an International or International Farmall model 1256 Turbo soon.

1256 Turbo — 116.1 HP, pto; 105.8 HP, drawbar.



NEW 1256 TURBO POWER



***BUILT
FOR
TURBO
ALL THE WAY***



That's the big difference between the 1256 and an ordinary "blown" tractor.

Engine is a 407 cu. inch, 6 cylinder, direct injection diesel with multi-range design—the ability to deliver full rated power over a wide range of engine R.P.M. (900-2400). Lets you shift up and throttle back for the precise speed you want.

Big cooling capacity for the extra heat of turbo. Twin-jet oil cooled pistons, dual-stage air cleaner and heavy duty construction throughout. Exclusive, elotherm hardened crankshaft has seven main bearings.

This tractor also has a big 14-inch, six-pad Dyna-Life® clutch. Heavy duty power train with carburized and hardened transmission gears. 55 amp alternator. *Wide* pto driven gear. *Big* final drive bearings and *massive* bull gears and bull pinion gears. Large diameter heavy duty tires match the tractor's power. Heavy-duty torsion bar draft sensing. Heavy-duty category III 3-point hitch too.

And *that's* what we mean by "Built for turbo all the way."

Dry-type dual-stage air cleaner has automatic dirt unloader, plus cleanable element, plus final built-in safety element, so dirt doesn't get in. 99.9% efficient. No oil. No mess. Electric air cleaner service indicator tells exactly when elements need cleaning.



Standard transmission offers 8 forward, 4 reverse speeds. New "H" pattern provides neutral between HI and LO ranges. Standard eight speeds include two creepers, four speeds for high speed tillage and two for fast transport. Levers are lighted for night work. New type of lever linkage on the 1256 Turbo lets you change gears with half the effort—so easily you can almost forget you're driving a tractor.

FARMALL 1256 TURBO
Ground Speeds MPH (18.4—38 in. R1 Tires)*

		GOV. RANGE 900-2400 RPM		ASAE PTO 2100 RPM	
Range	Gear	DIRECT	TA	DIRECT	TA
LOW	1	3/4 - 1 3/4	1/2 - 1 1/2	1 1/2	1 1/4
	2	1 - 2 1/2	3/4 - 2	2	1 3/4
	3	1 1/2 - 4 1/8	1 1/4 - 3 1/4	3 3/4	2 3/4
	4	2 - 5 1/2	1 3/4 - 4 3/8	5	3 3/4
HIGH	1	2 1/2 - 6 1/4	1 3/4 - 5	5 1/2	4 1/4
	2	3 1/4 - 8 1/2	2 1/2 - 6 1/2	7 1/4	5 3/4
	3	5 1/2 - 14 1/2	4 1/4 - 11 1/2	12 3/4	10
	4	7 1/2 - 19 1/2	5 3/4 - 15 1/4	17	13 1/4
REVERSE	1	1 1/8 - 3	1 - 2 1/2		
	2	1 1/2 - 4 1/4	1 1/4 - 3 1/4		
	3	2 3/4 - 7 1/4	2 - 5 1/2		
	4	3 3/4 - 9 1/2	2 3/4 - 7 1/2		

*No allowance for tire slippage



Exclusive Torque Amplifier—16 forward, 8 reverse doubles the number of speeds and lets you shift on-the-go. TA reduces speed 22% while increasing pull by 28% in each gear. Use it through tough spots . . . or to slow down for turns. Get heavy loads started then shift up. Keep PTO speed up while reducing ground speed . . . harvesting, shredding, etc. Use TA to get the speed you want. Work in TA all day—it's built to take it. (Optional)

INTERNATIONAL 1256 TURBO
Ground Speeds MPH (24.5—32 in. R1 Tires)*

		GOV. RANGE 900-2400 RPM		ASAE PTO 2100 RPM	
Range	Gear	DIRECT	TA	DIRECT	TA
LOW	1	3/4 - 1 3/4	1/2 - 1 1/2	1 1/2	1 1/4
	2	1 - 2 1/2	3/4 - 2	2	1 3/4
	3	1 1/2 - 4 1/4	1 1/4 - 3 1/4	3 3/4	2 3/4
	4	2 - 5 1/2	1 1/2 - 4 1/2	5	3 3/4
HIGH	1	2 1/2 - 6 1/4	1 3/4 - 5	5 1/2	4 1/4
	2	3 1/4 - 8 1/2	2 1/2 - 6 1/2	7 1/2	5 3/4
	3	5 1/2 - 14 3/4	4 1/4 - 11 1/2	12 3/4	10
	4	7 1/4 - 19 1/2	5 3/4 - 15 1/4	17 1/4	13 1/2
REVERSE	1	1 1/4 - 3	1 - 2 1/2		
	2	1 1/2 - 4 1/4	1 1/4 - 3 1/4		
	3	2 3/4 - 7 1/4	2 - 5 3/4		
	4	3 1/2 - 9 3/4	2 3/4 - 7 1/2		



exclusive **POSITION COMFORT DESIGN**

All-new concept in operating ease.

"Sure, it's a good worker, but how will I feel after ten hours in the field?"

If your tractor is a 1256 Turbo, the answer will be "Fresher than you'd ever think possible . . . thanks to exclusive Position Comfort Design."

Position Comfort Design is a new 5-position tilt steering wheel; new 38-inch wide platform with twin mounting steps on both sides (Farmall); new-type brake and clutch pedals that fit and feel better; new easy shifting, new shift pattern; and new indirect-illuminated instrument dials. It's a new quick coupler for 3-point hitch (for hook-up from the tractor seat). An insulated, air conditioned cab with radio and heater. And an amazing new seat that can tilt up and down, slide fore and aft and adjust for your weight manually, then raise and lower hydraulically! Designed for comfort? You bet!

Your work days are long. You owe it to yourself to see how Position Comfort Design will make tractor time more productive and a whole lot easier on *you*. See the new 1256 Turbo soon. Feel the big difference Position Comfort Design makes. And compare *all* the features that make a 1256 Turbo worth more from the day you buy it.



New Position Comfort Seat. The big difference with Position Comfort Design is the way you feel at the end of the day. And this new Position Comfort Seat has a lot to do with making the 1256 today's easy-on-you tractor.

Fingertip control (1) lets you raise and lower seat hydraulically, *one* finger. Release catch (2) permits forward and backward movement for leg length. Ride control (3) allows operator to select degree of "cushioning" that's just right for his weight. Underseat adjustment (4) controls angle of seat. Thick, contoured, padded seat. Back is specially designed for firm low-back support. Padded arms. Tough, tested covering material resists sun and weather. Seamless so no water gets in.

You won't get saddle sores with this seat. You will enjoy being able to position yourself however you like . . . and change position anytime you're ready. (Standard equipment)



New Position Comfort Steering. Locks at five different angles to put the wheel exactly where you want it. (Optional)

Hydrostatic Power Steering. It's *all* hydraulic, very smooth, easy and sure. Compare it to other hydrostatic or power assist steering. You'll like International 1256 steering best. (Standard)



Every Control has been positioned for your total comfort. Every move you make has been made easier. New indirect-illuminated dials are easier on your eyes. Gear shift levers are lighted for night driving. New clutch and brake pedals with curved face fit your foot from any angle. Plenty of foot room.

DRAFT CONTROL HITCH

Enclosed torsion bar lower link sensing provides quick, accurate implement control.

Exclusive, enclosed torsion bar senses load changes as often as three times a second . . . provides precise, fraction-of-an-inch control of depth of operation. All so smoothly you hardly know it's happening. You'll appreciate the steady operation through dips, over ridges, on terraces. And you'll see there's seldom a need for downshifting, never any big up or down movement of the plow, or uneven engine operation. Draft

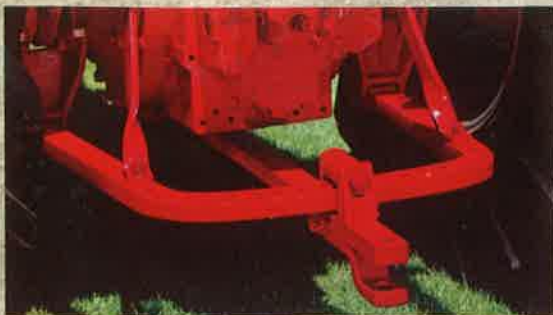
control on the 1256 Turbo is easy to set, requires little adjustment and provides really accurate implement control.

International tractor hitch has built-in diagonal float for wide tool bars, mounted disks, etc. Leveling cranks on both lift arms and telescoping hitch links make hook-ups easier. Vertically adjustable drawbar is standard. Three-point hitch optional on all 1256 Turbo tractors.

Easy-to-read, 2-lever quadrant permits quick operation of both position and draft control settings.



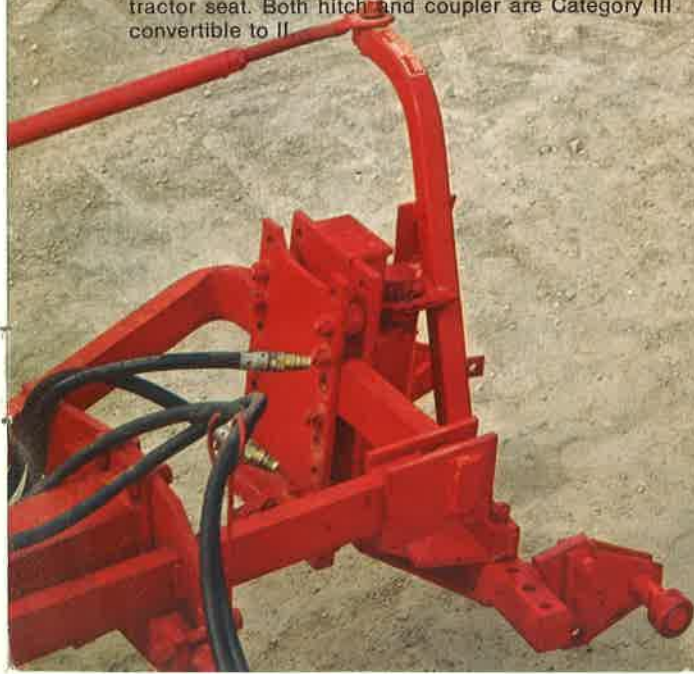
One lever on the quadrant (left) sets draft control, the other lever regulates raising and lowering of implement. Once draft "load" has been set, you can almost forget about it. Long remote control levers (right) are there at the operator's fingertips. One or two valves, front and rear hydraulic outlets are available to suit your needs.



Vertically adjustable drawbar (shown with swinging drawbar) is standard on both International and International Farmall models.



3-point hitch attachment includes swinging drawbar. Tractor at right is equipped with new Quick Coupler for 3-point hitch . . . for implement hook-up from the tractor seat. Both hitch and coupler are Category III convertible to II.





MORE CONVENIENCE MORE COMFORT

Farming may never be an easy job, but it doesn't have to be a stamina test, either. And every good farmer knows . . . as extensive research shows . . . that a comfortable operator who can stay alert and conserve his strength will average out more work done, *better* work done, day-in, day-out. What's more, taking advantages of new developments in operator comfort helps reduce wear and tear on the man.

For the ultimate in operating comfort, consider a 1256 Turbo, with Position Comfort Design . . . then add this new cab. It's insulated against heat, cold and noise. Has two-speed pressurizer with cleanable filter to provide fresh, clean air. Also electric wiper. Tinted glass. Dome light. Reflectors. Rear view mirrors. And turn indicators. Door and windows latch open or closed. With quick-acting heater, big capacity air conditioner and radio you have all you can ask for in year-around comfort.

International 1256 Turbo

International—standard tread—1256 Turbo features the same power rating as the Farmall model . . . plus wide platform, big fenders, big tires—11:00-16 in. front and 24.5-32 in. rear . . . all the new Position Comfort Design advantages that make driving easier, time more productive. Here's the powerful puller for wide-open farming with big plows, listers, tool bars, chisels. Best tractor you can buy for heavy duty standard tread work.



Dyna-Life® Clutch with six-pad, metallic face lasts up to five times longer than fiber-type clutches. Dissipates heat quickly to prolong life. Saves you the cost of one or more clutch jobs during the life of your tractor. 14 inch diameter.



Double disc power brakes, 8 inch diameter, are smooth, sure for stops or turn assist. Automatically equalized. Self adjusting for wear. (Standard)



Independent Power Take-Off features smooth power shift. Multiple disc hydraulic power clutch has self-contained 3 gpm hydraulic gear type pump. Shaft speed 1,000 rpm at 2,100 rpm engine speed. Shaft is positioned, sized to meet SAE specifications. (Optional)



New Wedge lock wheels (standard) allow for fast, easy tread changes. One bolt per wheel locks the "wedges" that hold the wheel tightly to its axle. To change tread, loosen wedges, slide the wheel, tighten the bolt. That's it. In addition to regular axles, optional 100 inch tread and 118 inch tread axles are available. Also sturdy, quick-on duals.

Safety

Protective Frame and Canopy for the 1256 Turbo provides an added measure of safety for the operator—plus protection from the sun. Uprights are rigidly mounted. Canopy is lined with sound-deadening insulation. Seat belt included. (Optional, for Farmall model only.)



SPECIFICATIONS: INTERNATIONAL® AND INTERNATIONAL® FARMALL® 1256 TURBO TRACTORS

Horsepower (official test)

Pto	116.1
Drawbar	105.8

Engine (407 Turbo-Diesel)

Number of Cylinders	6
Speed, rated full load	2400
Governed speed range	900 to 2400
Bore and stroke, in.	4.321 x 4.625
Piston displacement, cu. in.	407

Capacities:

Cooling system, qt.	24
Fuel tank, gal.	42
Engine, lube, qt.	13
Transmission and diff., gal.	17

Electrical: Positive engagement cranking motor, Alternator, voltage regulator. Uses two 6-volt batteries, 204 amp. hr., in series.

Shipping weight, Farmall—adj. wide front axle 9,940.
With 3-point hitch, swinging drawbar, IPTO, hydraulics and one aux. valve and rear manifold. 18.4-38, 8-ply rear, and 10.00-16, 8-ply front tires.

Dimensions, Farmall (18.4-38 in. rear and 10.00-16 in. front tires.)
Turning radius—13 ft. without braking; Wheelbase 105 in.; Length (3-point hitch) 164 in.; Height (steering wheel)—86 in.; Width (min. tread)—92 in.

Shipping weight, International 11,030
With vertically adjustable drawbar and swinging drawbar, IPTO, hydraulics with one auxiliary valve and rear manifold, 24.5-32, 10-ply rear and 11.00-16, 8-ply front tires.

Dimensions, International (with 24.5-32 rear and 11.00-16 front tires). Wheelbase—92 in.; Turning radius—12.6 ft. without braking; length (overall, with drawbar) 153 in.; Height (steering wheel)—86 in. Width (min. tread)—inches—94.

Other features

Adjustable wide front axle (Farmall only). Air cleaner service indicator. 55 amp. alternator. Antifreeze (domestic only). Wet battery. Hydraulic (full power brakes with dual pedal safety latch). Cigar lighter. Direct pressure lubrication (drive train and differential). Vertically adjustable drawbar. Dry type, dual stage air filter. "Dyna-Life" clutch. Ether starting aid. Fenders (International only). Hi-low speed range—8 speeds forward, 4 reverse. Hydraulic oil cooler. Hydraulic pumps—9 and 12 g.p.m. Hydrostatic power steering. Instruments—(glare free lighting); Speedometer-tachometer; Gauges—engine temperature gauge, electric fuel gauge; Generator warning light; Transmission oil pressure warning light; Engine oil pressure warning light. Lights, shock-proof, 2 front (adj.) with combination rear light (adj.) includes 4 position switch and flashing rear light. Right and left side mounting steps (Farmall

only). Parking lock. Seat, upholstered with padded backrest on positioning linkage with hydraulic suspension—infinite height adjustment with finger control. Tool box. Wrench, rear wheel. Weights, two sets installed on rear wheels (International only). Tires—International: front 11.00-16 in., 8 ply (F2); rear 24.5-32 in., 10 ply (R1). Tires—Farmall: front 7.50-16 in., 8-ply (F2); rear 18.4-38 in., 8 ply (R1). Wedge lock wheels.

Attachments for Farmall Model

Three-point hitch (draft control) Category III convertible to II, with independent swinging drawbar. Hydraulic draft control with draft sensing unit for tractors without hitch. Rockshaft arms. Quick coupler for use with three-point hitch. Dual rear wheels. Single front wheel. All-wheel drive. Tricycle front axle. Adjustable front axle; 50 to 74 in. in lieu of 58 to 82 in. adjustable axle. Extension for 58 to 82 in. axle, provides 114 and 120 in. adjustments. 100-in. tread rear axle. 118-in. tread rear axle. Heavy duty 114 in. tread rear axle (not for duals). One or two auxiliary hydraulic valves, 4 position, detented with hydraulic manifolds, with or without break-away and with or without check valves. Dry battery. Cab—insulated—includes side entrance, rear view mirrors, turn indicators, wind-shield wiper, pressurizer, dome light, tinted glass, left side mounting step, right hand combination rear light and rear reflectors. Cab air conditioner. Cab heater. Cab—rear combination taillight and stoplight—in lieu of standard—left-hand side, includes license plate bracket, for left-hand side or both sides. Independent swinging drawbar for tractors with 3-point hitch. Independent swinging drawbar for tractors with vertically adjustable drawbar. Adjustable height heavy duty drawbar—includes swinging drawbar, in lieu of vertically adjustable drawbar. Deluxe fenders with four lights in lieu of two front lights. Horn with panel button. Tilt steering wheel with horn button. Horn for use with tilt steering wheel. Power shift IPTO, 1000 RPM. Protective frame. Precleaner-prescreener. Tool box, large size. Torque amplifier, 16 speeds forward, 8 reverse—hydraulically operated (provides engine brake). Rear wheel weights. Front end weights. Foot accelerator.

Attachments for International Model

Adjustable front axle—for 60 in., 73 in., or 84 in. adj. Full coverage fenders. Platform extension (not for tractors with hitch or cab). Other attachments are the same as for the Farmall model except for tricycle front wheel, single front wheel, 114 inch tread rear axle, Farmall-type adjustable front axle equipment, Farmall fenders, and protective frame.

Specifications subject to change without notice

First to serve the farmer

INTERNATIONAL FARM EQUIPMENT
INTERNATIONAL HARVESTER COMPANY • CHICAGO, ILLINOIS