



INTERNATIONAL[®] 756 AND 856 TRACTORS

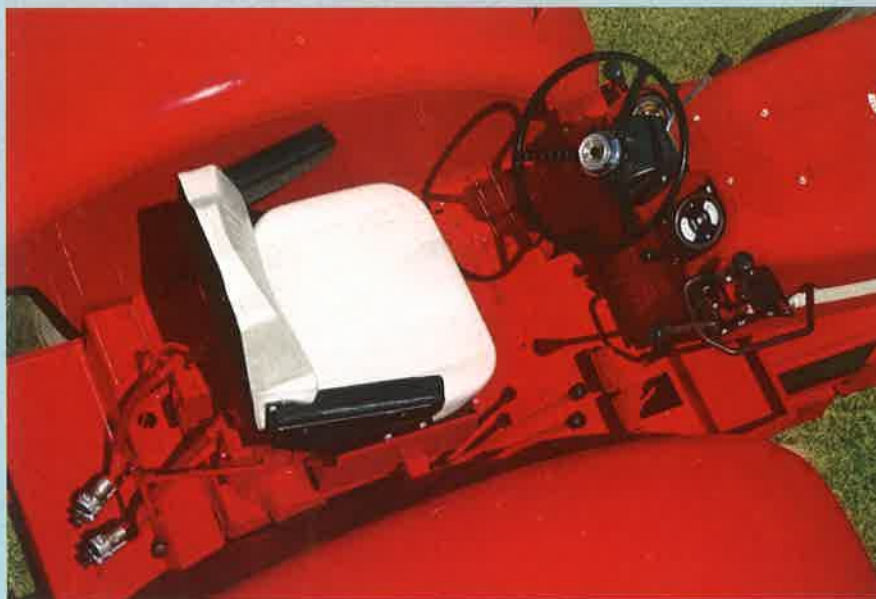


POWERFUL NEW



INTERNATIONAL[®] 756 AND 856

with exclusive
**POSITION
COMFORT
DESIGN**



New Position Comfort Design. It's a new 5-position tilt steering wheel; extra-wide platform; new brake and clutch pedals that fit and feel better; new shift pattern for smooth, easy shifting; new indirect-illuminated instrument dials and easy-up mounting steps. 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.

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 756 and 856 steering best. (Standard)



New Position Comfort Seat. Fingertip control (1) raises and lowers seat hydraulically. 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. Arm rests fold up. (Optional). Other adjustable seats, without hydraulic control, also available.





Smooth "finger-tip" shifting. New type of lever linkage on the International 756 and 856 lets you change gears with half the effort. New "H" pattern provides neutral between HI and LO ranges. Standard eight forward speeds include two creepers, four speeds for high speed tillage and two for fast transport. Four reverse speeds. Levers are lighted.

Dual wheels. Duals bolt solidly to heavy cast hubs. 2-piece hubs can be quickly bolted onto the axles. Provides a very sturdy dual design with quick-on, quick-off mounting of outer wheels. (Optional)

Axles. In addition to regular axles, 100" tread and 118" tread axle attachments are also available. With the 118" tread axle you run your duals close together for on-land plowing. Spread them apart to provide a wide track and firm footing in loose soils as on sidehills. Drop the outer wheels at any time.



Exclusive Torque Amplifier doubles the number of speeds to 16 forward, 8 reverse and lets you power shift on-the-go. TA reduces speed 22% while increasing pull by up to 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)

Rear Platform extension provides extra deck room plus easy climbing up from the rear. (Optional).

Vertically adjustable drawbar is standard equipment on International 756 and 856 tractors. Draft control Category II three-point hitch and exclusive two-point "Fast-Hitch" are also available.

Hydraulic equipment (see Attachments on back cover) is available to suit your equipment and needs.



High performance engines provide bonus torque reserve to pull through tough spots without shifting. Multi-range design — the ability to deliver full rated power over a wide range of engine RPM—lets you shift up and throttle back for the precise speed you want. 756 engines are 291 cu. in. gas and L.P. Gas, 310 cu. in. diesel. 856 engines are 301 cu. in. gas and L.P. Gas, 407 cu. in. diesel. 55 amp alternator on all models.

These big pullers have shown their stamina and dependability with hundreds of thousands of hard-pull hours in all types of farming.

Dry-type dual-stage air filter keeps dirt out of the engine with 99.9% efficiency. No oil, no mess. Unique precleaner deflector located ahead of the radiator deflects much dust before it reaches first filter. Electric service interval indicator.



INTERNATIONAL[®] TRACTORS

Built for high-speed hard-pull farming... with position comfort design

These new International tractors have the power to hang on and stamina to stick with you through toughest work schedules. What's more, they've brought a whole new approach to the problem of providing maximum operator comfort.

Powerful reserve torque engines give you strong, steady pulling with quick response to sudden loads. Power-to-weight ratio is excellent for top performance on every job and you get plenty of useful working speeds, exceptionally easy shifting plus the option of shift-on-the-go torque amplifier.

And check these International "worth more" features: new dual-stage dry-type air filter; new quick coupler for

3-point hitch; new wedge lock wheels; power disc brakes; dual shaft, power shift IPTO; sturdier quick-change duals; all-season cab; big tires; and for pure driving pleasure, all-new Position Comfort Design—comfort never available until now.

Test a new International 756 or 856 soon. Feel the big difference Position Comfort Design makes. Compare all the features that make an International worth more from the day you buy it. And don't hold back when you drive a new 756 or 856. These tractors are built to get out and go at speeds that spell the difference between getting work done *fast* and just getting it done.

856 pto HP, 100.4 diesel—official test

756 pto HP, 76.5 gas—official test





Dyna-Life® Clutch lasts up to five times longer than bigger fiber-type clutches. Dissipates heat quickly to reduce wear. 12 inch diameter. Saves you the cost of one or more clutch jobs during the life of your tractor.



Power shift IPTO features smooth control and choice of single 1000 RPM shaft or twin shaft 540 RPM and 1000 RPM units (shown). PTO speeds obtained at 2,100 RPM. Shafts are positioned and sized to meet SAE specifications. (Optional).



Wedge lock wheels permit 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. Regular equipment on 856, attachment for 756.

Pressurized cab is insulated against sound and weather. Has two-speed pressurizer with cleanable filter to provide fresh, clean air. Also electric wiper. Tinted glass. Dome light. Reflectors. Rear view mirrors. Turn indicators. Door and windows latch open or closed. With optional quick-acting heater, big capacity air conditioner and radio you have all you can ask for in year-around comfort. (Optional).



First to serve the farmer

INTERNATIONAL® FARM EQUIPMENT
INTERNATIONAL HARVESTER COMPANY • CHICAGO, ILLINOIS

756

756 HORSEPOWER		PTO	DRAWBAR
(official test)	Diesel	76.0	69.0
	Gasoline	76.5	68.2
	LP Gas	76.3	68.4

Engine:	Diesel	Gas and LP Gas
Number of cylinders	6	6
Speed, rated full load	2300	2300
Governed speed range	900-2300	900-2300
Bore and stroke, in.	3.875x4.375	3.750x4.390
Piston displacement, cu. in.	310	291
Capacities:		
Cooling system, qt.	23½	21 (LPG), 20½ gas
Fuel tank, gal.	33	39 (LPG), 33 (gas)
Engine, lube, qt.	12	9
Transmission and diff., gal.	17	17

Shipping weight.....8,400 with diesel engine, vertically adjustable drawbar and swinging drawbar, IPTO, TA, hydraulic, one auxiliary valve and rear manifold, 7.50-18 in. 6 ply (F2) front and 18.4-30 in., 6 ply (R1) rear tires.

Ground Speeds MPH (18.4-30 in. 6 ply tires)*

		GOV. RANGE 900-2300 RPM		ASAE PTO 2100 RPM	
Range	Gear	DIRECT	TA	DIRECT	TA
LOW	1	¾-1¾	½-1¼	1½	1¼
	2	7/8-2¼	¾-1¾	2	1½
	3	1½-3¾	1¼-3	3½	2¾
	4	2-5	1½-4	4¾	3½
HIGH	1	2¼-5¾	1¾-4½	5¼	4
	2	3-7¾	2¼-6	7	5½
	3	5¼-13¾	4-10½	12¼	9½
	4	7-17¾	5½-13¾	16¼	12¾
REVERSE	1	1½-2¾	¾-2¼		
	2	1½-3¾	1¼-3		
	3	2½-6½	2-5		
	4	3½-8¾	2¾-6¾		

*No allowance for wheel slippage.

Regular equipment, International 756 and 856: 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 (diesel). Fenders. Hydraulic oil cooler. Hydraulic pumps—9 and 12 gpm. Hydrostatic power steering. Instruments (glare-free lighting): Speedometer-tachometer; Gauges—engine temperature, electric fuel gauge (gas and diesel); Generator warning light and charge indicator; engine oil pressure warning light; transmission oil pressure warning light. Lights, shock-proof, 2 front (adjustable) grille-mounted with combination rear light (adjustable) includes 4 position switch and flashing rear light. Vertical muffler with rain cap. Parking lock. Seat, upholstered with padded backrest on positioning linkage and with vertically acting seat suspension, (756 available without vertical seat suspension). Tool box. Wrench for rear wheels. Tires 856 front 10.00-16 in., 6 ply (F2); rear 18.4-38 in., 8 ply (R1). Tires: 756 front 7.50-18 in., 6 ply (F2); rear 18.4-30 in., 6 ply (R1). Wedge lock rear wheels (856 only). Treads depend on tire size and wheel equipment.

Attachments, International 756 and 856: Three-point hitch, Category II (draft control) with independent swinging drawbar. Quick couplers for 3-point hitch (Category II for 756, Category II or heavy duty Category III convertible to II for 856). Heavy-duty upper link assembly for three-point hitch. Two point

SPECIFICATIONS

856

856 HORSEPOWER		PTO	DRAWBAR
(official test)	Diesel	100.4	90.0
	Gasoline	93.2	81.0
	LP Gas	93.4	84.3

Engine:	Diesel	Gas and LP Gas
Number of cylinders	6	6
Speed, rated full load	2400	2400
Governed speed range	900 to 2400	900 to 2400
Bore and stroke, in.	4.321x4.625	3¾x4.39 in.
Piston displacement, cu. in.	407	301
Capacities:		
Cooling system, qt.	24	21½ (LPG), 21 (gas)
Fuel tank, gal.	42	48 (LPG), 42 (gas)
Engine, lube, qt.	12	9
Transmission and diff., gal.	17	17

Shipping weight.....9,370 with diesel engine, vertically adjusted drawbar and swinging drawbar, IPTO, TA, hydraulics, and one auxiliary valve and rear manifold, 10.00-16 in., 6-ply (F2) front and 18.4-38 in., 8 ply (R1) rear tires.

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	¾-1¾	½-1½	1½	1¼
	2	1-2½	¾-2	2	1¾
	3	1½-4½	1¼-3¾	3¾	2¾
	4	2-5½	1¾-4¾	5	3¾
HIGH	1	2½-6½	1¾-5	5½	4¼
	2	3¼-8½	2½-6½	7¼	5¾
	3	5½-14½	4¼-11½	12¾	10
	4	7½-19½	5¾-15½	17	13¾
REVERSE	1	1½-3	1-2½		
	2	1½-4¼	1¼-3¼		
	3	2¾-7¼	2-5½		
	4	3¾-9½	2¾-7½		

*No allowance for wheel slippage.

"Fast-Hitch" with independent swinging drawbar. Hydraulic draft control with draft sensing unit for tractors without hitch. Rockshaft arms. Cross-type drawbars for hitches. Swinging drawbar for vertically adjustable drawbar. Fixed, non-adjustable, heavy-duty drawbar, includes swinging drawbar in lieu of vertically adjustable drawbar. Dual rear wheels. All-wheel drive. One or two auxiliary hydraulic valves, 4 position, detented with hydraulic manifolds, with or without break-away and with or without check valves. Adjustable front axle (adj. 56 in., 69 in., or 80 in.). 100-inch tread rear axle. 118-inch tread rear axle. Dry battery. Belt pulley. Cab—insulated—includes side entrance, rear view mirrors, turn indicators, windshield 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 tail light and stop light—in lieu of standard—left hand side includes license plate bracket, for left hand side or both sides. Full coverage fenders. Foot accelerator. Horn. Tilt steering wheel. High altitude pistons (gas only). Power shift independent PTO, 540 and 1000 RPM. Power shift independent PTO, 1000 RPM only. Increased capacity radiator (gas). Seat—upholstered, with padded backrest, hydraulic suspension, infinite height adjustment with finger control. Optional tool box. Torque amplifier, 16 speeds forward and 8 reverse—hydraulically operated (includes engine brake). Wedge lock wheels (attachment on 756, standard on 856). Front and rear wheel weights. Front end weights. Variety of optional tires.

Specifications subject to change without notice