

706
806

MCCORMICK
INTERNATIONAL®

Hi-CLEAR
TRACTORS

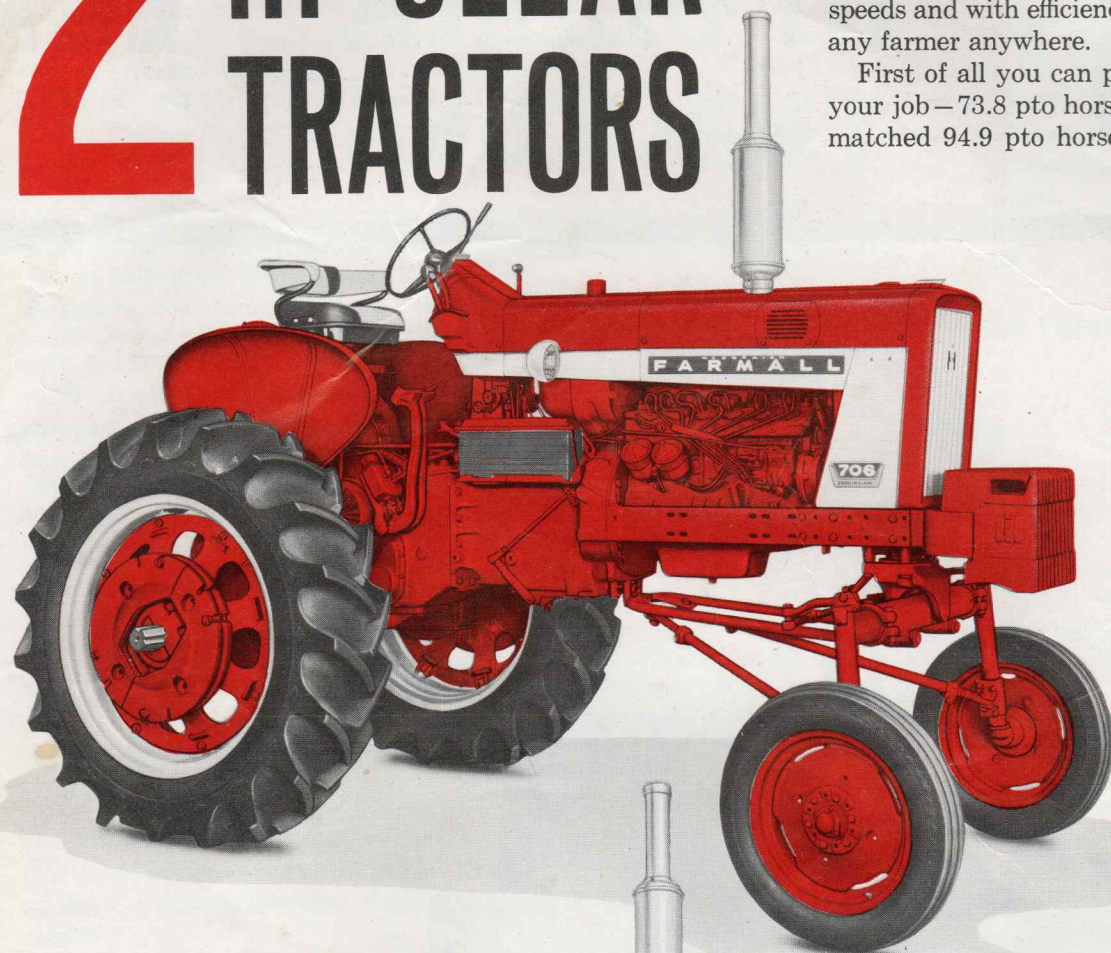


2 NEW HI-CLEAR TRACTORS

Designed for Efficiency

Now you can get the world's most wanted farm tractors in Hi-Clear models . . . models that will allow you to farm tall-growing, bedded, and bushy crops at high speeds and with efficiency that cannot be surpassed by any farmer anywhere.

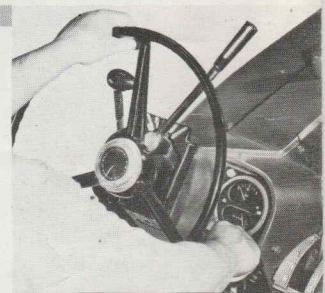
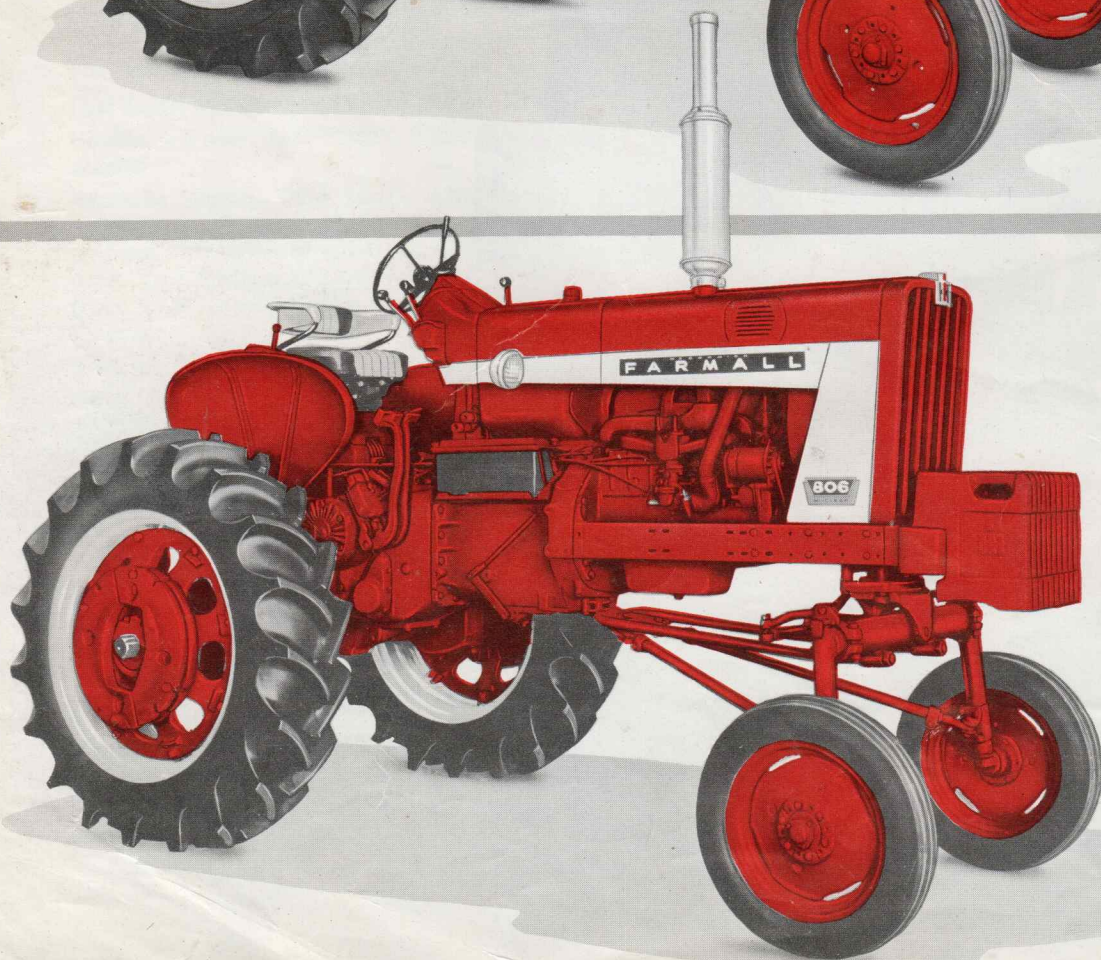
First of all you can pick the power you need to do your job—73.8 pto horsepower with the 706 or an unmatched 94.9 pto horsepower with the 806. You can



famous performance

The new 706 and 806 Mc... the same outstanding po... the regular 706 and 806 F... balanced power for high-... Farmall Total Power featu... hydrostatic power steering... brakes.

Yes, you get top horsep... engines in these two new t... power will continue to be u... lengthening features as a... exhaust valve rotators, a



Hydrostatic power steering gives you the sure, safe finger-tip control that means more money in the bank when you're cultivating high-bedded crops.

Efficiency, Convenience, Higher Earnings

tailor your power to your acreage and to your crop requirements.

And you have 34 inches of clearance and the adjustability to meet the growing conditions of any crop so that you can boost yields with far less manual labor.

Yes, you can have the best of both—the high-speed farming guaranteed by the features designed into Farmall tractors *and* the convenience and efficiency

of the Hi-Clear design . . . a design that gives you a tractor custom-built for your farming needs.

International Harvester also offers a full line of tools and equipment. Each piece of equipment is designed to work with a specific Hi-Clear model tractor and to do its job with top efficiency.

Ask your International Harvester dealer for a Hi-Clear demonstration at your place—soon.


...plus the balanced **POWER** and

performance features of Farmall **TOTAL POWER** tractors

Cormick Farmall Hi-Clear Tractors have power and performance features found in Farmall models. You get big power . . . big, speed farming. And you get all of the features, such as power shift Torque Amplifier, power shift IPTO, and hydraulic power

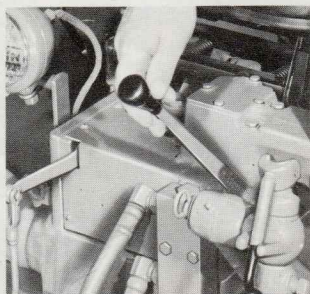
power from the precision six-cylinder engines. And you can be sure that that useful year after year because of such life-forged steel camshaft, tri-metal bearings, heavy-duty crankshaft, aluminum alloy

pistons, and replaceable cylinder sleeves. To top it off, you have your choice of fuel: gasoline, LP gas, or diesel.

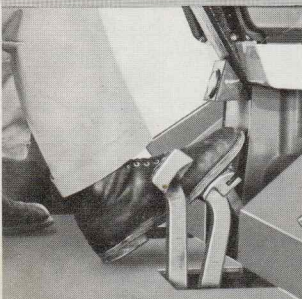
But durability doesn't stop with engine parts. It's built into the entire tractor. You can check this yourself simply by taking a look at the tractor's massive rear end, which tells its own story of strength. Look at the huge axle carriers and  axles—3 1/4" on the outside, 3 15/16" on the inside.

Working efficiency is built into IH's exclusive torsion bar draft control, with your choice of the popular Fast Hitch or three-point hitch. These are just a few examples of the many Farmall features that will help you do a competent job more economically.

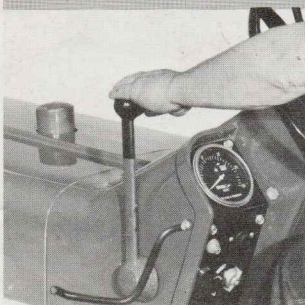
Self-adjusting hydraulic power brakes are a convenience feature you're bound to enjoy . . . one that will keep you eager for many more hours work each day.



Power shift IPTO will help you reach new highs in daily production. You can engage or disengage implements on the go without slowing down.



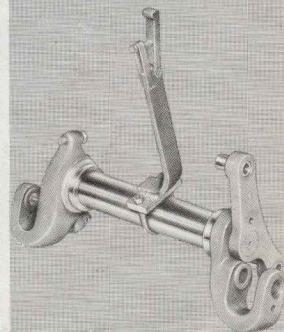
Torque Amplifier gives you pull-power increases of up to 45% on the go. You go through the tough spots without throttling down or declutching.



Exclusive IH Torsion Bar Draft Control automatically senses and reacts to soil variations faster than the best operator. Holds constant depth because it acts before trouble starts.



Exclusive IH Torsion Bar Design eliminates excessive friction, the cause of excessive up-and-down movement, wheel slippage and fuel waste in other systems.



706 and 806 McCORMICK FARMALL HI-CLEAR TRACTORS

SPECIFICATIONS

Air Cleaner—Two stage dry-type, with micronic final filter.

Brakes—Hydrostatic hydraulic power; self-adjusting and automatic equalizing dry double-disc type. Separate parking brake.

Clearance—Under front axle, 34 in.; under rear axle, 37 in.; under rear frame with 3 pt. hitch, 25 in.

Clutch—Dyna-Life; foot-operated, 12 in. open-type disc with trapezoid-shaped friction pads. Clutch pedal operated transmission brake.

Cooling System—Pressure system with thermostatic heat control.

Dimensions, 706—Turning radius 12.5 ft.; wheelbase 102 in.; length (over-all 3-point hitch)—162 in.; height (steering wheel)—94 in.; width in minimum tread, 98 in.

Dimensions, 806—Turning radius—13 ft.; wheelbase—106 in.; length (3-point hitch) 166 in.; height (steering wheel)—96 in.; width in minimum tread, 98 in.

***Draft Control**—2-lever operation; torsion bar actuated.

Electrical: Gas and LP gas tractors: single 12 volt battery, 60 amp. hr. 25 ampere shunt D.C. generator, voltage and current regulator. Diesel tractor: two 6 volt batteries, 130 amp. hr. in series.

Engines, 706—Six cylinder C-263 gas; D-282 diesel; LP gas also available. Governed speed range: 900 to 2300 rpm.

Engines, 806—Six cylinder C-301 gas; D-361 diesel; LP gas also available. Governed speed range: 900 to 2400 rpm.

Horsepower (official tests observed)	806 -110		706 -89	
	P.T.O.	Db	P.T.O.	Db
Diesel	94.9	86.6	72.4	67.6
Gas	93.2	81.0	73.8	66.5
L.P. Gas	93.4	84.3	73.6	67.1

Fuel Tanks, 706—Gas and diesel—33 gal. LP gas—38 gal.

Fuel Tanks, 806—Gas and diesel—42 gal. LP gas—48 gal.

Hitches—2-point Fast-Hitch*, 3-point hitch*, or swinging drawbar.

Hydraulic System—Three pumps driven by IPTO driveshaft. 9 gpm pump supplies power for steering, TA clutch, brakes and pressure lubrication to power train. 12 gpm pump supplies power for hitch and auxiliary valves.* 3 gpm pump supplies power for IPTO and pressure lubrication to IPTO and belt pulley gears.

Instruments—Tachometer, hourmeter, fuel gauge, engine temperature gauge, oil pressure and generator charge indicator warning lights, lighting switch, horn button,* cigarette lighter. Key starting. Also starter button on 806.

***Independent Power Take-Off**—Independent hydraulically controlled power shift type with 1000 rpm and 540 shafts or 1000 rpm shaft. (ASAE standard at 2100 rpm engine speed.)

Lights—2 front and combination rear lamp and tail light.

Lubrication—Engine: pressure, with full-flow replaceable micronic filter. Power train: pressure and oil bath.

Steering—Hydrostatic power system. No mechanical linkage between steering wheel and front wheels.

***Torque Amplifier**—Power shift.

Tires (Standard), 706—Front—6.00-20 in. Rear—15.5-38 in. (Full range of optional tire sizes available.)

Tires (Standard), 806—Front—6.00-20 in., 11. Rear—15.5-38 in., 10-ply, R2. (Full range of optional tire sizes available.)

Transmission—8 speed fwd., 4 rev. (16 forward speeds with TA).

Shipping Weight, 706—With gasoline engine: 8800 pounds; with diesel engine: 9060 pounds.

Shipping Weight, 806—With gasoline engine: 9000 pounds; with diesel engine: 9800 pounds.

WHEEL TREADS

Front

Tricycle 8 or 16 in.
Adjustable 50-74 in. or 57-81 in.

Rear

With standard axle and
34-in. tires 60-86 in. (with concave turned in)
62-94 in. (with concave turned out)

With standard axle and
38-in. tires 56-86 in. (with concave turned in)
62-94 in. (with concave turned out)

With standard axle and 38-in. tires and
power adjusted wheels..... 56-96 in.

With wide axle and 34 or
38-in. tires 66-106 in. (with concave turned in)
74-114 in. (with concave turned out)

With wide axle and 38-in. tires and
power adjusted wheels..... 64-116 in.

GROUND SPEEDS—MPH

15.5—38-in. R1 Tires

RANGE	GEAR	706—Gov. Range 900-2300 RPM		806—Gov. Range 900-2400 RPM		706-806—ASAE/PTO 2100 RPM	
		DIRECT	TA	DIRECT	TA	DIRECT	TA
Low	1st	1/2- 1 1/2	3/8- 1	1/2- 1 1/2	3/8- 1	1 1/2	1
	2nd	3/4- 1 3/4	1/2- 1 1/4	3/4- 2	1/2- 1 1/4	2	1 3/8
	3rd	1 1/4- 3 1/4	7/8- 2 1/4	1 1/4- 3 1/4	7/8- 2 1/4	3 1/2	2 1/2
	4th	1 5/8- 4 1/4	1 1/8- 3	1 5/8- 4 1/2	1 1/8- 3	4 3/4	3 1/4
High	1st	2 - 4 3/4	1 1/4- 3 1/4	2 - 5	1 1/4- 3 1/2	5 1/2	3 3/4
	2nd	2 1/2- 6 1/2	1 3/4- 4 3/8	2 1/2- 6 3/4	1 3/4- 4 5/8	7 1/4	5
	3rd	4 1/4-11	3 - 7 1/2	4 1/4-11 1/2	3 - 8	12 1/2	8 5/8
	4th	5 3/4-14 3/4	4 -10	5 3/4-15 1/2	4 -10 1/2	16 3/4	11 1/2
Reverse	1st	1 - 2 3/8	5/8- 1 1/2	1 - 2 1/2	5/8- 1 3/4		
	2nd	1 1/4- 3 1/4	3/4- 2 1/4	1 1/4- 3 1/4	3/4- 2 1/4		
	3rd	2 1/4- 5 1/2	1 1/2- 3 3/4	2 1/4- 5 3/4	1 1/2- 4		
	4th	2 3/4- 7 1/4	2 - 5	2 3/4- 7 1/2	2 - 5 1/4		

Plus Full Selection of Special Equipment

Specifications subject to change without notice

*Optional at extra cost

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