

706
806

**NEW McCORMICK
INTERNATIONAL®
and FARMALL®
ALL-WHEEL DRIVE
TRACTORS**



Everyone talks about the weather...

Now you can do with **NEW IH ALL-WHEEL**

INCREASE TRACTION



Come late spring when the chips are down, it's nice to have all the power, all the traction you need to get the job done. To be able to get into soft wet fields where other tractors can't go. To get your crops in on time. To take full advantage of spring moisture that promotes good root structure and plant growth. And to help insure a larger and better harvest that comes off on schedule.

Time waits for no man and especially harvest time. Take vegetables for example. There's no choice of harvest dates. Either you get in when the crop is ready to go or you plow up the field and hope for better luck next time. Almost the same thing applies to corn, beans and other cash crops. Left in the field past normal harvest time, crops lose quality, yield less. Delay often makes the difference between profit and loss.

With IH All-Wheel Drive Tractors you get smooth synchronized pull-power on all four wheels. This, plus an extra 1000 pounds up front, keeps the wheels down with big implement loads.

In soft ground the big front wheels literally walk over and through the loose soil. On headland turns, front wheel power helps pull the tractor around without braking. There is no power-robbing build-up of loose soil, common with rear-wheel drive tractors. And power, normally lost through wheel slippage, is put to work. Result is

lower fuel costs and reduced tire wear.

IH All-Wheel Drive Tractors have a clean, simple all-gear drive to the front wheels. Direct connected to the standard transmission idler gear you have a choice of 8 forward speeds, 16 with TA. Single-pin mounting lets the front axle pivot to keep all four wheels on the ground over rough terrain. To avoid excessive front tire wear on roads, the front wheel drive can be quickly and easily disengaged with a handy lever located just below the steering wheel.

something about it
FEEL DRIVE TRACTORS!

UP TO 30%



INCREASE DRAWBAR PULL BY 500 LBS.

MAINTAIN 20% MORE SPEED IN SOFT FIELDS.

SWITCH FROM ROW CROP TO ALL-WHEEL DRIVE

Now, in a few hours' time you can switch back and forth to get the most out of big row crop power. Lets you use your tricycle front end during the summer months for cultivating and other light-draft quick-maneuvering chores. Use the All-Wheel Drive Attachment to convert to a heavy-duty tillage job with additional weight and traction for hard pulls, adverse conditions. Actually gives you two tractors in one at far less cost.

something about it **FEEL DRIVE TRACTORS!**

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MAINTAIN 20% MORE SPEED IN SOFT FIELDS.

The people who bring you the machines that work.

SPECIFICATIONS

Preface: Except for the following, specifications for All-Wheel Drive Tractors are the same as for conventional 706-806 series tractors.

Models Available—Farmall and International 706 and 806. Gasoline, diesel and LP Gas.

General Description—Front Wheel Drive Center pivoted, 22° oscillating axle with Ackerman-type steering and stay rod bracing. Cardan-type universal joints in wheel hubs transmit drive from axles to wheels which pivot a maximum of 29½° from straight ahead when turning. Steering knuckles have reversed Elliott-type pivot mounting on tapered roller bearings. Hypoid gear bevel drive with 7.17:1 ratio drives axles through 4-pinion differential. Hypoid pinion is straddle mounted on roller bearings. Differential is mounted on tapered roller bearings. Wheels rotate on tapered roller bearings. Front axle is driven through propeller shaft from power take-off on tractor range transmission with sliding gear engaging or disengaging drive.

Front Tire Sizes—11.2-24 or 12.4-24, R-1 or R-2 tread. (Size and tread type requires matching with rear tires to assure proper relative speed between front and rear wheels.)

Rear Tire Sizes—F 706 and F 806: 15.5-38, 16.9-34 or 18.4-34; R-1 or R-2 tread.
I 706: 18.4-30; R-1 or R-2 tread.
I 806: 16.9-34, R-1 tread; 18.4-34, R-1 or R-2 tread.

Weight (Lbs.)**

Operating wt. (w/opr. and full fuel tank)

	F 706		I 706		F 806		I 806	
	Gas	Diesel	Gas	Diesel	Gas	Diesel	Gas	Diesel
Front	3180	3370	3500	3730	3300	3870	3600	4220
Rear	5900	6000	5700	5770	6040	6300	6000	6200
Shipping wt.	8700	8970	8830	9100	8900	9700	9170	9950

**Equipment Included In Above Weights

F 706: 3-point hitch, swinging drawbar, IPTO, TA, deluxe seat, 2 auxiliary hydraulic valves 12 GPM pumps, 15.5-38, 8 ply R-1 and 11.2-24, 6 ply R-1 tires.

F 806: Same as F 706 except 18.4-34, 6 ply R-1 and 11.2-24, 6 ply R-1 tires.

I 706: "U" drawbar with swinging drawbar, IPTO, TA deluxe seat, one auxiliary hydraulic valve and 12 GPM pumps, 18.4-30, 6 ply R-1 and 11.2-24, 6 ply R-1 tires.

I 806: Same as I 706 except 18.4-34, 8 ply R-1 and 11.2-24, 6 ply R-1 tires.

Dimensions*

Ground clearance under front axle and rear frame—13 in.

Wheelbase	Length Overall (w/3-point hitch)
F 706—97.9 in.	F 706—161 in.
F 806—93.7 in.	F 806—164 in.
I 706—87.0 in.	I 706—153 in.
I 806—90.7 in.	I 806—156 in.

Height—

	Over steering wheel	Over hood at front
F 706	81.4 in.	68.9 in.
F 806	84.0 in.	71.7 in.
I 706	80.4 in.	68.9 in.
I 806	84.0 in.	71.7 in.

*Based on tire complement:

	F 706	F 806	I 706	I 806
Front	11.2-24, R-1	11.2-24, R-1	11.2-24, R-1	11.2-24, R-1
Rear	15.5-38, R-1	18.4-34, R-1	18.4-30, R-1	18.4-34, R-1

Turning Radius (minimum tread)—

	w/brake	No brake
F 706	16.3 ft.	23.5 ft.
F 806	16.9 ft.	24.2 ft.
I 706	15.1 ft.	22.1 ft.
I 806	15.7 ft.	22.8 ft.

Steering Knuckle Caster and Camber—0°

Width Overall In Minimum Tread

F 706 and F 806—92 in.
I 706 and I 806—80 in.

Front	67 and 75 in.
Rear	
F 706	56—94 in.
F 806	60—94 in.
I 706	60—84 in.
I 806	60—84 in.

Attachments—Front end weights, rear wheel weights, over-center clutch (Int. models), draft control, two-point hitch, three-point hitch, fixed drawbar, swinging drawbar, cigarette lighter, horn, alternator generator, ether starting aid (806), rear fenders (Farmall models), full coverage rear fenders (Int. models), high altitude pistons (gasoline), auxiliary hydraulic pump—cylinders—control valves—manifolds, rear PTO, shock absorbing deluxe seat, tool box, torque amplifier.

Specifications subject to change without notice.

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