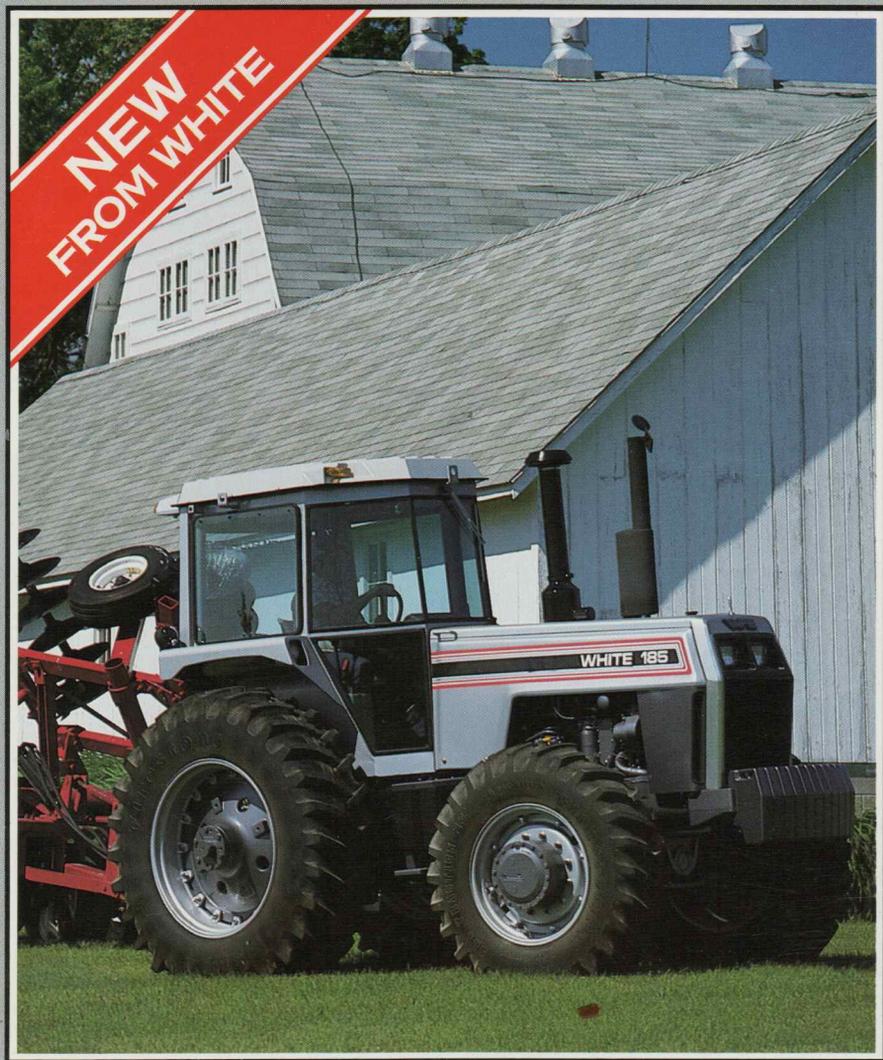


WHITE 185



The optimum match between balance, engine power and power train mass.

We often compare tractors component to component but forget that the key to efficiency and long life is coordination of all components.

Review the specifications of the new 185 pto horsepower* White 185. It's easy to be impressed by the engine's lugging ability, or by the massive drive train, or by the exclusive front-to-back cast frame. But you can't appreciate these individual features until you put the tractor to work in the field.

It's a power-packed package. It starts in the new Cummins in-line, six-cylinder engine. It delivers almost constant power under load even as rpm drop—it has a whopping 31 percent torque rise. And this lugging power comes *without* sacrifice of fuel economy.

Heavy duty final drives and a weighty frame put the efficient stream of engine horsepower to work. The 185's final drives are planetary—spreading the load over three points for efficient power transfer and extended life. And because White's exclusive cast frame provides better weight distribution, proper ballasting is easier.

Compared to some other four-wheel drive systems, you can improve tractive power up to nine percent with White's new PosiTrac Full Power Front Axle (FPFA). This axle has a limited slip differential and no torque limiter. So the axle can pull with full power with max-

imum tractive force over all four wheels. The new axle also has a tight turning radius and high stepping crop clearance of almost two feet.

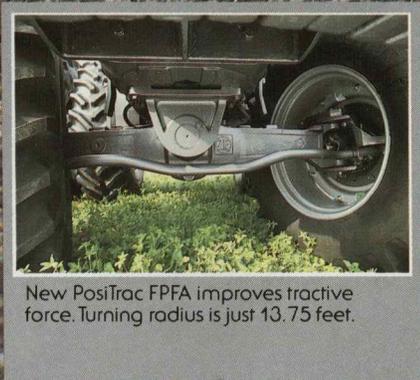
Other new features like the exclusive FieldFacts on board

computer, a systems warning monitor, and the new optional AeroForm air cushion seat with rocker action improve operator efficiency. Climb in and put it to the test.

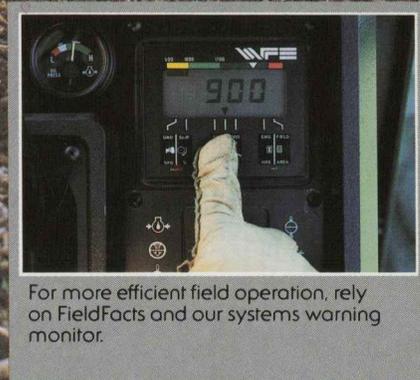
*Manufacturer's rating



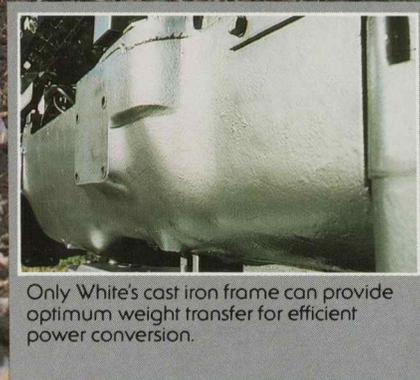
Torque rise of 31 percent and record fuel economy are benefits of a new Cummins diesel.



New PosiTrac FPFA improves tractive force. Turning radius is just 13.75 feet.



For more efficient field operation, rely on FieldFacts and our systems warning monitor.



Only White's cast iron frame can provide optimum weight transfer for efficient power conversion.

White 185 Specifications

Two- and four-wheel drive models

Engine

All-new Cummins diesel
In-line six cylinder
Turbocharged and aftercooled
Direct fuel injection
185 pto horsepower*
504.5 cubic inch displacement (8.27L)
4.49 in. bore x 5.32 in. stroke
16.5:1 compression ratio
2200 rpm rated speed
Full flow oil filter
Full pressure lubrication system with gerotor pump
Aspirated precleaner with two stage, replaceable
twin element air cleaner
Pressure cooling system with centrifugal pump and
thermostatic control
Cooler conditioning element reduces coolant corrosion
to protect cylinder liners

Drive Train

14 in. cerametallic button, dual plate clutch
3x6 transmission with 18 forward and six reverse
speeds
Main Transmission
• Constant-mesh helical gears
• Pressure lubricated
• One shift lever, gated pattern
• Six forward speeds, two reverse
Powershift Transmission
• Three range shift-on-the-go
• Single lever, three position control

Hydraulically controlled differential lock that can be
engaged under load
Planetary final drives
Large, 3⁷/₈-in. diameter axle

Brakes

Power hydraulic wet disc brakes
Positive inter-lock parking lock

Power Take-Off

Independent 1000 rpm
Hydraulically actuated
Modulated wet, multi-disc clutch

Hydraulics

Pressure compensated, charged closed center system
Constant pressure, full-time power
2250 psi operating pressure
22 gpm main pump with 30 gpm charge pump
Cab adjustable flow of one remote, others optional
Two combination float/detent remote valves with
lever couplers

Three-Point Hitch

Category III or II
Draft and position control
Adjustable lowering speed

Electrical

12-volt starter system
Two 12-volt low maintenance batteries
62 amp alternator
Two sealed beam halogen headlights with dimmer
Two front halogen flood lights
Two rear halogen flood lights
Two tail lights
Four amber flashing lights with turn signals

Instrumentation

Voltmeter
Fuel gauge
Coolant temp gauge
Engine oil pressure gauge
FieldFacts information center gives constant LCD
analog display of engine rpm plus digital readout of:
Engine rpm
Pto rpm
Hour meter
Ground speed**
Wheel slip***
Field area***

Warning lights with alarm buzzer:
Engine oil pressure, Engine Coolant temp,
Transmission lube pressure

Warning lights:

Engine air restriction, Powershift temp, Powershift
clutch pressure, Hydraulic fluid temp

Modular Cab

Castle gray interior
Integral R.O.P.S. frame
Air conditioner
Heater
Pressurized with self-cleaning filter
Hand and foot throttle controls
Adjustable suspension arm rest seat
Tilt, telescoping steering wheel
Non-glare dash
Tinted windows
Single windshield wiper
Deluxe sound deadened interior, padded upholstery

Capacities

Main fuel tank—35 gallons (133L, 28 Imp gallons)
Side fuel tank—39 gallons (148.2L, 32 Imp gallons)
Cooling system—26.6qt (25.3L)
Crankcase with filter—23.5qt (23.3L)
3x6 O/U transmission—6qt (5.7L)
Transmission, final drive and hydraulics—23 gallons
(81.7L, 19.2 Imp gallons)

Options

AeroForm air cushion seat with rocker action
Radar for FieldFacts info system
PosiTrac Full Power Front Axle (FPFA)
Heavy duty wide-swinging drawbar
Dual rear wheels and tires
Radial rear tires
One additional remote valve
Satchel type front weights
Rear wheel weights
Ash tray with lighter

Dimensions

	Standard In. (M)	FPFA In. (M)
Ground Clearance		
Under Front Axle	23 (.58)	23 (.58)
Under Rear Axle		
Carrier	30 (.76)	30 (.76)
Overall Height		
Highest Point	120 (3.05)	122 (3.10)
Overall Width (Minimum)		
Short Axle	96 (2.44)	96 (2.44)
Long Axle	115 (2.92)	115 (2.92)
Overall Length	180 (4.57)	173 (4.39)
Wheelbase	112 (2.84)	90 (2.29)
Wheel Treads		
Front	60-80 (1.52-2.03)	61-87 (1.55-2.21)
Rear		
Short Axles	65-106 (1.65-2.69)	65-106 (1.65-2.69)
Long Axles	65-126 (1.65-3.20)	65-126 (1.65-3.20)
Turning Radius (with Brakes)		
FPFA Disengaged	156 (3.96)	177 (4.49)
FPFA Engaged		166 (4.21)
Shipping Weight (Approximate) (w/Three-Point Hitch, pto, Cab and Air Conditioning)	13600 lbs. (6120 kg)	15100 lbs. (6795 kg)

Travel Speeds

At rated rpm and with standard 20.8-38
tires

Gear	Under Drive		Direct Drive		Over Drive	
	MPH	K/H	MPH	K/H	MPH	K/H
1	1.8	2.9	2.2	3.4	2.5	4.0
2	2.3	3.7	2.8	4.5	3.3	5.3
3	3.8	6.1	4.6	7.4	5.5	8.8
4	5.0	7.9	6.0	9.6	7.1	11.4
5	5.9	9.5	7.1	11.4	8.5	13.7
6	12.7	20.3	15.4	24.3	18.3	29.3
R1	2.0	3.2	2.5	4.0	3.0	4.8
R2	4.4	7.1	5.4	8.7	6.4	10.1

*Manufacturer's rating
**true ground speed with optional radar
***with optional radar

Manufacturer reserves the right to change design
and/or specifications without notice or obligation.

WHITE-NEW IDEA FARM EQUIPMENT COMPANY

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Division of **ALLIED PRODUCTS CORPORATION**

