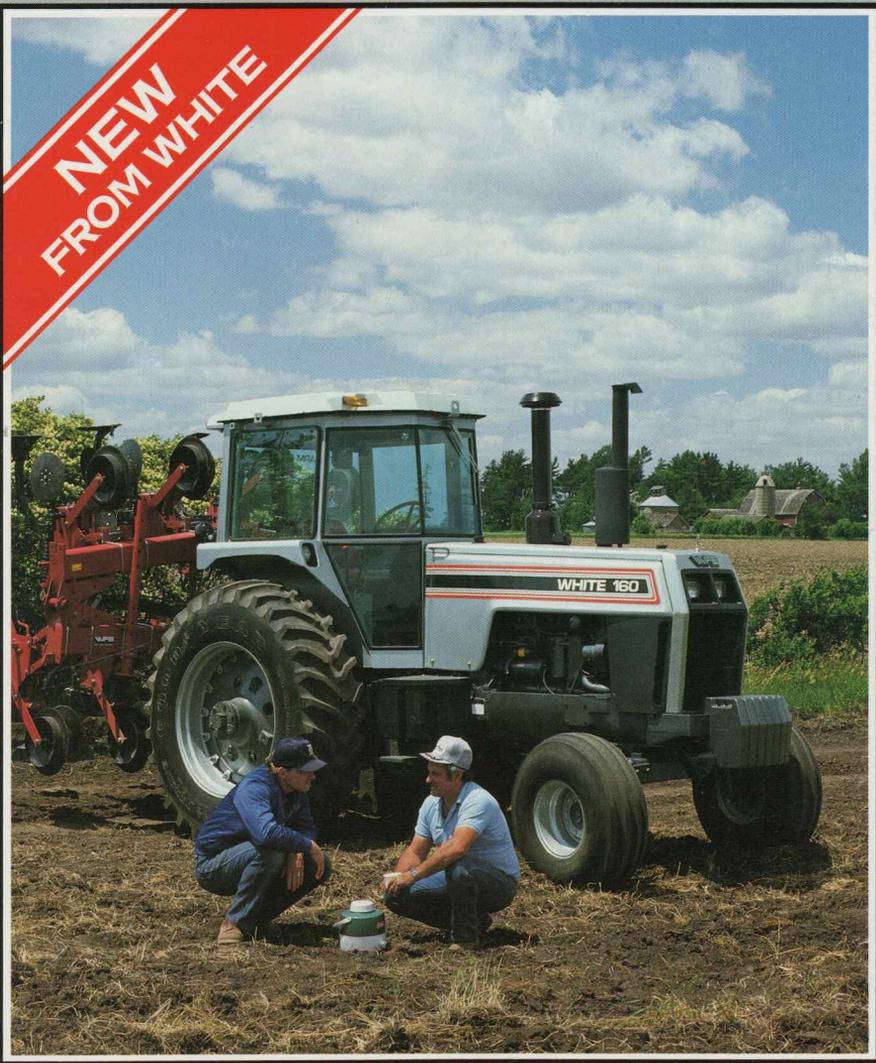


# WHITE 160

NEW  
FROM WHITE



# Unequaled torque rise provides constant power output.

The true measure of performance comes when you hit the tough spots—like a clay hillside. As rpm's drop, how does your engine respond? Climb into a White 160 and watch as the big Cummins engine lugs ahead with almost constant engine power. At the rated speed of 2200 rpm, the 504 cubic inch engine turns out 160 pto horsepower.\* As rpm's drop under load, torque increases a record 30%.

And high torquing power comes without a sacrifice in fuel economy. In fact, the combination of the fuel efficient engine and White's 3X6

transmission is the key to increased field economy.

For even more field efficiency, White offers the PosiTrac Full Power Front Axle. In addition to a tighter turning radius and better crop clearance, these new axles have a limited slip differential that can increase tractive force up to nine percent compared to 4WD tractors without this feature. And unlike some other front assist systems, the White FPFA has no torque limiter, or slip clutch, that restricts productive use of full engine power.

Like previous White tractors, the new White 160 gets extra weight, balance and support from its exclusive cast frame.

The FieldFacts information system gives a digital readout of engine and pto rpm and hours. It can also provide a report of ground speed, wheel slip\*\* and field area covered.\*\* An additional systems monitor gives an audible and/or visual warning of potential problems in seven critical areas. Cab creature comforts like an optional AeroForm air

cushion seat with rocker action makes a long day easier on your back.

Step into a new White 160. Feel the power of the new Cummins engine. Test the smooth transmission. You'll see why this should be your next tractor.

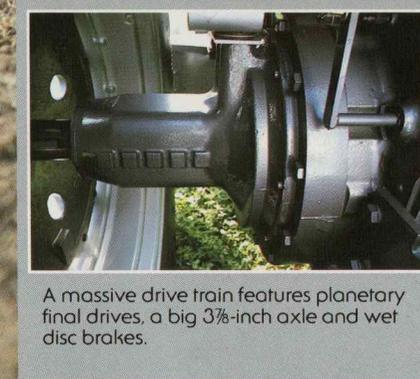
\*Manufacturer's rating  
\*\*Optional radar unit required



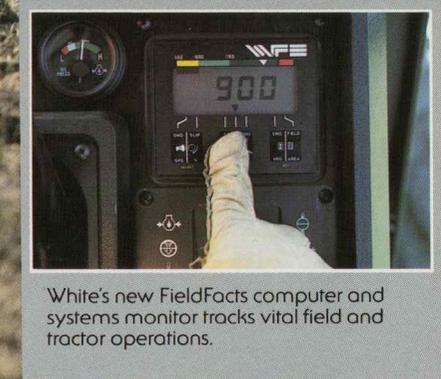
New Turbocharged Cummins diesel gives maximum torque rise and fuel economy.



A limited-slip differential increases FPFA tractive force and boosts field efficiency up to nine percent over conventional 4WD tractors.



A massive drive train features planetary final drives, a big 3 7/8-inch axle and wet disc brakes.



White's new FieldFacts computer and systems monitor tracks vital field and tractor operations.

# White 160 Specifications

## Two- and four-wheel drive models

### Engine

All-new Cummins diesel  
In-line six cylinder  
Turbocharged  
Direct fuel injection  
160 pto horsepower\*  
504.3 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 gerator 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

13 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, 3 7/8-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 (22.3L)  
3x6 O/U transmission—6qt (5.7L)  
Transmission, final drive and hydraulics—23 gallons  
(87.7L, 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	30 (76)	30 (76)
Overall Height	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)	156 (3.96)	
FPFA Disengaged		177 (4.49)
FPFA Engaged		166 (4.21)
Shipping Weight (Approximate)	13300 lbs. (5985 kg)	14800 lbs. (6660 kg)

### Travel Speeds

At rated rpm and with standard 18.4-38 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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