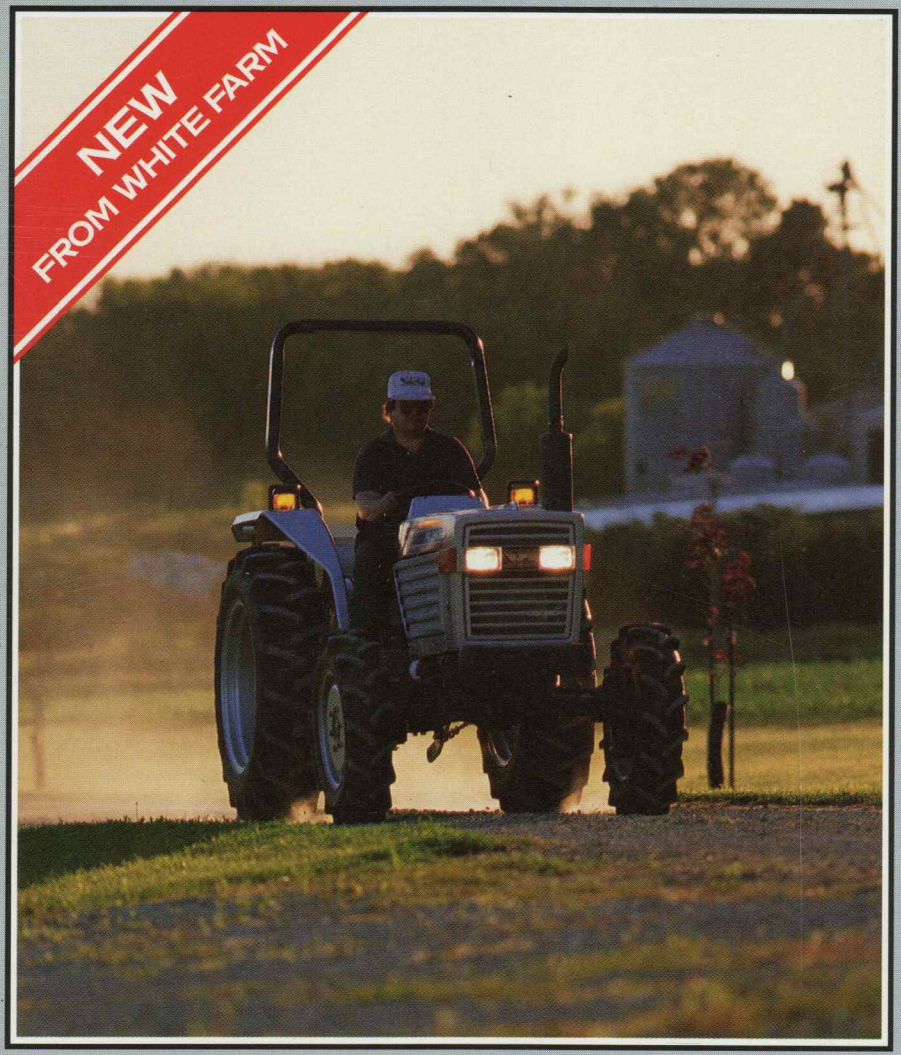
FIELD BOSS 43





The one with a compact price but utility tractor features.

The White Farm Field Boss 43 may look like a compact, but you sure won't know by its performance.

The Field Boss 43, with 45 engine horsepower and 39 pto horsepower, packs features that allow you to use it on jobs you may currently rely on a larger utility tractor for.

For example, the engine is a four cylinder diesel with 144.6 cubic inch displacement. When linked to the synchromesh main gear and two constant mesh range and creeper gears, you have 12 forward and four reverse speeds to match any task. With the exclusive Triple-sync transmission the right mix of power and speed is always available.

If you select a model with unique king-pin four-wheel drive, you can add even greater pulling power. The Field Boss 43 four-wheel drive uses a king-pin drive system. There's no universal joint, so reliability is better and operating costs are lower. And the unique king-pin system gives you a short turning radius—just 9.7 feet with the brake.

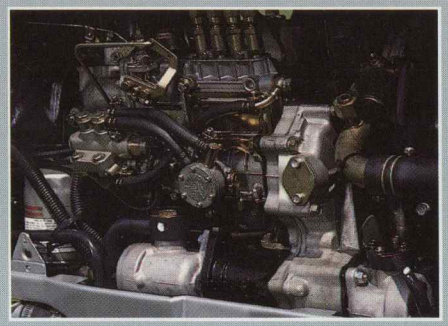
A Field Boss 43 with the king-pin four-wheel drive system can get up to 26% greater performance compared to similar size two-wheel drive tractors.

The Field Boss 43 has beefed-up design features throughout. The independent, rear 540 pto is electronically and hydraulically operated by a wet, multi-disc clutch. There are helical-gear final drives, wet multi-disc brakes and smooth, open center hydraulics that give you better control.

For work with three-point hitch implements, you'll appreciate the special features on this category I three-point hitch. Just turn a knob located below the seat and you can adjust the rate of descent or lock the hitch into transport. The tractor also has position and draft control.

From the high-back and padded seat, operators have a clear view of the full instrumentation on the dash. All hydraulic, transmission and pto levers are easy to reach. And it's easy to get on and off.

Check-out the long list of attachments that can help you turn this efficient tractor into an indispensable farm hand.



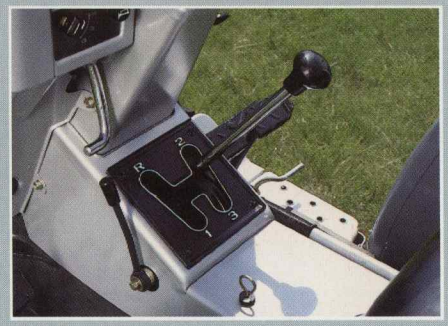
144.6 CID four-cylinder engine



Greater control of 3 pt. hitch with drop speed adjustment



Adjustable front axle and rear wheel tread widths



Shuttle shifting from a synchronized transmission

Field Boss 43 Specifications: Two- and four-wheel drive models

Engine
45* engine horsepower
39* pto horsepower
Four cylinder diesel
Naturally aspirated
3.4 inch (86mm) bore
4.0 inch (102mm) stroke
144.6 cubic inch (2.4) displacement
2600 rpm rated speed
Easy access single element air filter
Clear-view fuel filter
Compression ratio of 20:1
Governed speed range 850-2860 rpm
*Estimated horsepower

Drive Train
Dry, single stage clutch with single disc
Triple-sync fully synchronized main gear with a constant mesh sliding collar range selector and creeper gear
Helical gear final drives
Jaw-type differential lock
Speeds (at rated engine speed and R-1 rear tires):

MPH	KPH	MPH	KPH
1.3	2.1	7.9	12.8
1.7	2.8	10.0	16.2
2.1	3.4	13.4	21.6
2.6	4.3	16.4	26.3
3.5	5.7	1.5R	2.4R
4.3	6.9	3.1R	5.0R
4.9	7.8	5.7R	9.2R
6.5	10.5	11.8R	18.9R

Brakes
Wet, multi-disc
Mechanically actuated

Steering
Power
9.3 ft. turning radius with brake (2.85m)
9.7 ft. (2.94m) turning radius on 4WD models

Power Take-Off
Independent—electrically activated
540 rpm at 2330 engine rpm

Hydraulics
Open center
8.4 gpm capacity at rated speed (319 L/min.)
2277 psi system pressure

Three-Point Hitch
Category I
Draft control
Position control
One or two remotes available
Transport lock-up and drop speed control

Electrical System
12 volt starter
35 amp alternator
Glow plug starting aid
Lighting system
- Two grill mounted headlights
- Two red rear tail lights
- Two amber rear lights with turn/warning signals
- One back-up light

Roll Over Protection Structure
Two-post formed tube

Instrumentation
Combined tach and hour meter
Fuel gauge
Engine oil pressure warning light
Voltage warning light
Coolant temperature gauge

Fuel Tank Capacity
13.2 U.S. gallons (50 L, 10.56 Imp gallons)

Adjustable Wheel Tread
Front 5 settings between
- 2WD 45.3-61.0 in. (115.0-155.0 cm)
- 4WD 48.0, 57.8 in. (122.0, 147.0 cm)

Rear 5 settings between 51.5-63.4 in. (131.0-161.0 cm)

Standard Tires
2WD
- Front 6.00-16 F2, 8-16 Turf
- Rear 13.6-28 R1, 13.6-28 R3 Turf

4WD
- Front 8.00-18 R1, 9.5-16 Turf
- Rear 13.6-28 R1, 13.6-28 R3 Turf

Dimensions

Height to top of R.O.P.S.	88.0 in.	224 cm
Wheelbase	79.3 in.	201 cm
Overall width	66.9 in.	170 cm
Overall length	136.4 in.	346.5 cm
Shipping weight		
2WD	3748 lbs.	1700 kg
4WD	4087 lbs.	1850 kg

Optional Equipment
AM radio—fender mounted
AM/FM radio—fender mounted
Rear work light
Horizontal muffler
Coolant heater
Canopy for R.O.P.S.
1 or 2 remote hydraulic valves
Rear wheel weights
Front satchel weights

Attachments
Mowers
- Rear-mounted—72 in. cutting width
- Flail—60 in. cutting width
- Rotary cutter—60 or 72 in. cutting widths

Loader
- 1165 QA quick-attach loader
- One piece welded main frame
- Twin double-acting cylinders for lift and bucket
- Material bucket

Rear Blades
- 3-pt hitch blade with manual blade angling
- Reversible blade with a hardened scraping blade
- 6 ft. blade

Roto-Tiller
- PTO driven, 3-pt hitch mounted tiller
- 50 or 58 in. tilling widths

Post Hole Digger
- 3-pt hitch mounted, pto driven
- 48 in. max. digging depth

Box Scrapers
- 3-pt hitch mounted
- 5 or 5½ ft. width

Disk Harrow
- 3-pt hitch mounted
- Adjustable gang angle
- 16 in. notched blades
- 7¼ in. blade spacing
- 6½ ft. width of cut

Snow Blower
- 73 in. rear mounted
- Two stage blower

WHITE-NEW IDEA FARM EQUIPMENT COMPANY
Division of **ALLIED *PRODUCTS CORPORATION***

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