

The 2-110 Field Boss® tractor.



WHITE FARM EQUIPMENT

Announcing an improved middleweight with a new, more comfortable cab.

It's hard to improve on a tractor like the 2-105 Field Boss. But the engineers at White Farm Equipment Company have done it!

Announcing the new 107 hp* 2-110 Field Boss tractor. With more horsepower, more operator convenience, triple disc brakes and standard Over/Under transmission. Plus a lot more.

Quiet comfort. Convenient controls.

Our new pod cab makes the 2-110 the quietest Field Boss yet. To reduce noise and vibration, the dash and

steering column are an integral part of the cab. Sound-deadening deluxe upholstery covers nearly all exposed interior metal. And a new high-performance air conditioner keeps things cooler inside.

All hydraulics, shift lever and throttle controls are on a special console on the operator's right. And operator vision—both front and rear—is exceptional.

Improved engine. Triple disc brakes.

The turbocharged six-cylinder diesel features 3-ring pistons, piston

cooling nozzles, improved intake porting and improved gasket seals. Other tractor performance features include triple disc brakes and lever-type hydraulic couplers.

Over/Under transmission comes standard.

One of the best features of the new 2-110 is our famous 3 X 6 Over/Under transmission. This dependable power shift transmission has on-the-go shifting through three ranges—Under Drive, Direct Drive and Over Drive—in each of six gears. Eighteen forward speeds. Six reverse.

All these improvements plus the outstanding built-in in working weight of Field Boss tractors make the new 2-110 a great all-purpose tractor for almost any farming operation.

Comfort, quiet and convenience pretty well describe the new 2-110 Field Boss cab. Note that the gear shift, power shift, throttle and hydraulic levers are within easy reach, just to the right of the seat. Decibel level is a low 80 DBA (manufacturer's estimate).



*Manufacturer's estimated PTO horsepower.



2-110 specifications

Engine Features

Direct fuel injection
 Full pressure lubrication system
 Full flow oil filter
 Pressure cooling system with centrifugal pump, thermostatic control
 Dry-type, dual stage twin element air cleaner with built-in aspirated precleaner
 Three ring pistons
 Coolant heater

Drive Train

13-inch single plate Cerametallic clutch
 3X6 Over/Under transmission (standard)

- Constant-mesh helical gears, pressure lubricated
- Controlled by one shift lever
- Six forward gears, two reverse
- Eighteen forward speeds, six reverse

 Power hydraulic triple disc brakes
 Parking brake

Hydraulics

Closed center system—constant pressure, full-time power
 Two remote detent valves, 3-pt. hitch
 20 gpm capacity @ 2200 rpm (75.7 L/min.)
 System pressure 2200 psi (151.75 kg/cm²)
 Lever couplers

3-pt. hitch

Category II adjustable to Cat. I (standard)
 Category III adjustable to Cat II (optional)

Engine Specifications

6-cylinder turbocharged diesel	✓
Displacement	354 cu. in. (5.8 L)
PTO Horsepower*	107
Compression Ratio	16:1
Bore & Stroke	3.875" x 5.00" (98.43 mm x 127 mm)
Governed Speed Range	775-2420 rpm
Rated Speed	2200 rpm

*Manufacturers' estimate

Power Take Off

Independent 540/1000 rpm
 Engine-speed PTO

Electrical

12-volt starter
 Two 12-volt low maintenance batteries
 61 amp alternator
 Two 50 watt sealed beam headlights w/dimmer
 Four 35 watt flood lights
 Two tail lights
 Two amber 4-way flashing lights w/turn signals

Instrumentation

Combined tach-speed-hour meter
 Oil pressure gauge
 Voltmeter

Engine temperature gauge

Fuel gauge

Warning lights with alarm buzzer:

Engine oil pressure, coolant temperature, air restriction, hydraulic oil temperature, Over/Under clutch pressure, Over/Under temperature, transmission lube pressure, turn indicator.

Optional equipment

Power Front Axle
 Wide-swing drawbar
 Air conditioning
 Platform
 Rollover protective frame
 Canopy
 Additional detent or remote outlets
 Satchel-type weights
 Rear wheel weights
 AM/FM radio**
 AM/FM stereo**
 AM/FM/8-track**
 AM/FM/cassette**

Pod Cab

Integral R.O.P.S. frame
 Air conditioner
 Heater-pressurizer
 Hand and foot throttle
 Deluxe adjustable arm rest seat
 Tilt-telescoping steering wheel
 Hydrostatic power steering

**Field-installed only

Tire Sizes

	Rear	Front
Singles	16.9-38, 8 ply, R1 (standard)	11L-15, 6 ply, F2 (standard)
	18.4-38, 6 ply, R1 & R20	11.00-16, 6 ply, F2
	18.4R-38, 6 ply, R1 Radial	(Recommended for use with 20.8-38 R1 and 23.1-34 R1 & R20 Tires)
	18.4-38, 8 ply, R1 & R20	16.9-24, 6 ply, R1
	18.4-34, 6 ply, R1 & R20	(Four-Wheel Drive)
	18.4-34, 8 ply, R1	16.9-26, 8 ply, R1
	20.8-34, 6 ply, R1	(Four-Wheel Drive)
	23.1-34, 8 ply, R1 & R20	
	20.8-38, 8 ply, R1	
	20.8R-38, 8 ply, R1 Radial	
23.1-30, 8 ply, R1		
Duals	18.4-34, 6 ply, R1 & R20	
	18.4-34, 8 ply, R1	
	18.4-38, 6 ply, R1 & R20	
	18.4-38, 8 ply, R1	
Wheel Treads (with 18.4-38 Tires)		Rear—Singles—61¼"-119½" (144.8 cm-303.5 cm) Front—60"-84" (153.8 cm-215.4 cm)

Travel Speeds (MPH) @ 2200 RPM with 3X6 Over/Under (18.4-38 tires)

Gear	Underdrive	Direct Drive	Overdrive
First	1.6	1.9	2.3
Second	2.9	3.6	4.3
Third	3.8	4.5	5.4
Fourth	5.2	6.3	7.5
Fifth	7.1	8.6	10.3
Sixth	12.5	15.1	15.1
Low Reverse	1.9	2.3	2.7
High Reverse	4.5	5.5	5.1

White Farm Equipment Company
 2625 Butterfield Road
 Oak Brook, Illinois 60521

Capacities

	U.S. Measure	Metric	Imperial
Fuel total	58 gal.	219.55L	48.30 gal.
Main tank	26 gal.	98.42L	21.65 gal.
Side tank	32 gal.	121.13L	26.65 gal.
Cooling system	24 qts.	22.71L	4.98 gal.
Crankcase w/filter	16 qts.	15.14L	3.32 gal.
3X6 Over/Under Transmission	3.5 qts.	3.31L	0.7 gal.
Transmission & Final Drive	43 qts.	40.69L	8.9 gal.
Hydraulic System Reservoir w/o 3-pt. hitch	36 qts.	34.66L	7.5 gal.
	33 qts.	31.23L	6.9 gal.

Dimensions using standard tires*** (2WD)

Wheelbase	109 ⁵ / ₈ in. (278.45 cm)
Length	166 ⁵ / ₈ in. (421.96 cm)
Height (top of cab)	116 in. (2.94.6 cm)
Width (minimum)	80 ⁵ / ₈ in. (204.8 cm)
Ground clearance*** front axle	25 ⁵ / ₈ in. (65.4 cm)
Rear axle	25 ⁵ / ₈ in. (65.1 cm)
Drawbar	13 ¹ / ₂ in. (34.3 cm)
Turning radius w/brakes	155 in. (397.4 cm)
w/o brakes	187 in. (474.9 cm)
Average shipping wt****	11,685 lbs. (5300 kg) approx. with cab and air cond.

***with standard 18.4-38 rear tires

****with 3-pt. hitch and 3X6 Over/Under transmission