



2-55/2-65/2-75

# FIELD BOSS<sup>®</sup> TRACTORS



Beautifully styled and finely crafted, these elegant new utilities come with more standard features than nearly any tractor in their class.

# The 2-55 and 2-65. Class comes to utility tractors.



You've never seen utility tractors like this before. Because the new 2-55 (53.32\*) and 2-65 (62.50\*) Field Boss® tractors from White Farm Equipment Company are not only two of the most solid, dependable utility tractors built, they're also the classiest tractors on four wheels.

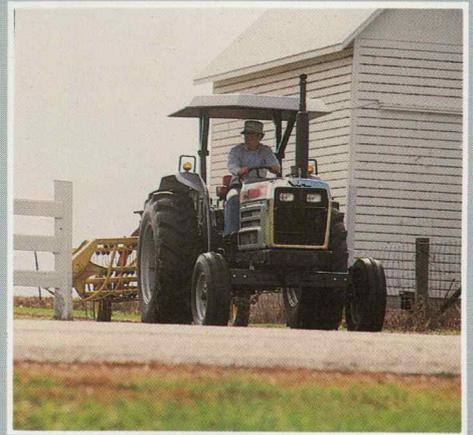
Our 2-55 and 2-65 come with more time and work saving standard features than nearly any other utility tractor. Features you pay extra for as options on most other tractors.

Durability features like our constant mesh transmission with synchromesh shifting, and a big 13-inch single dry-type clutch. Convenience features like both a hand and foot throttle, and tool box complete with service tools.

Before you buy your next tractor, inspect first-hand these classy new utilities. They're something special. And a special value for you.



\*Official PTO horsepower.



The 4-cylinder, direct-fuel-injected diesel engine features cross-flow head design for more power and fuel efficiency. Performance features include a multi-plunger injection pump, engine oil cooler, dual fuel filters, and air precleaner plus dry-type air cleaner. Note the high-quality paint and detailing.

More standard features than nearly any tractor in their class—plus options like our Power Front Axle, loader and R.O.P.S. canopy—make the 2-55/2-65 a perfect choice for grain and livestock operations. They are also available in models especially suited for tobacco and other kinds of farming, where wide adjustability of wheel widths (pictured lower right) is a necessity. The synchromesh transmission features 16 forward speeds.

# The 2-75. More beef for bigger jobs.

For more big-tractor features, plus the convenience of a utility, step up to the new 2-75 Field Boss® tractor. At 75.39 hp,\* it's big enough to handle four bottoms in heavy ground. Yet maneuverable enough to work with a loader in small feedlots.

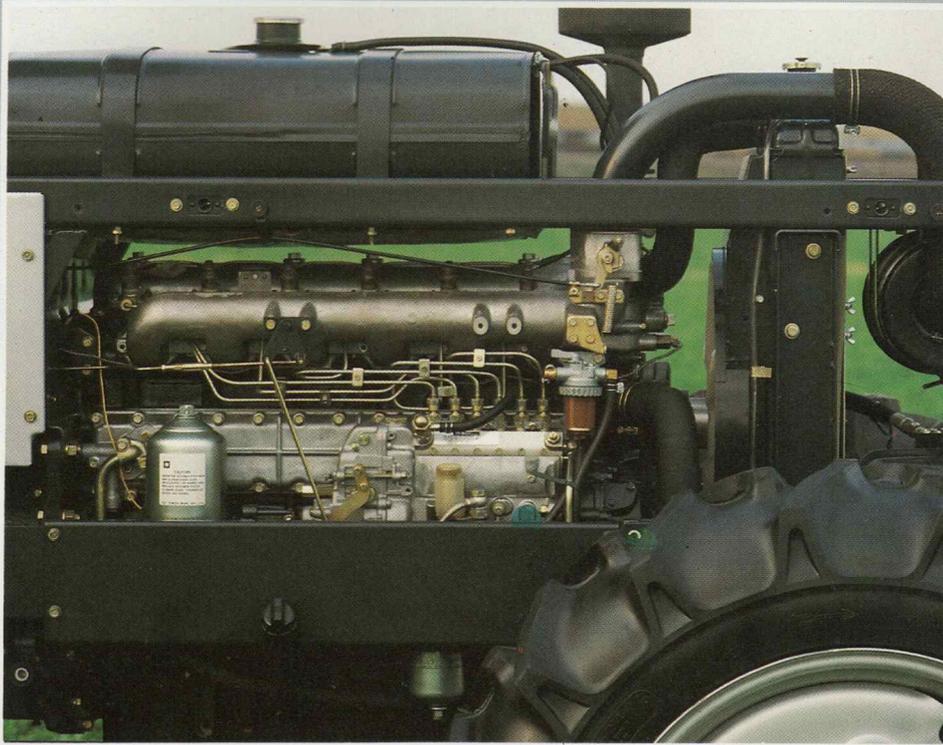
The 2-75 has all the standard features of the 2-55 and 2-65 tractors. And more. Dual 540-1000 rpm PTO. Six-cylinder diesel engine. Bigger 3-pt. hitch lift capacity. More working weight.

It all adds up to a tractor that works hard both around the farmstead and in the field. Add an optional Power Front Axle, and the 2-75 Field Boss gains added performance under tough conditions. Without sacrificing its ability to make tight turns.

If you need utility tractor convenience with more beef for bigger jobs, consider a 2-75 Field Boss. It's a lot of tractor for the money.



\*Official PTO horsepower.



Rated at 75 PTO hp.\* this precision 329 cu. in. 6-cylinder diesel has durability features like direct fuel injection, an integral engine oil cooler, dual fuel filters, dry-type cylinder sleeves, and air precleaner plus dry-type air filter.



Dual speed (540/1000 RPM) PTO is standard on the 2-75.



The unique square-shaped combustion chamber in the piston head means more performance and fuel efficiency.



The Category II 3-pt. hitch lifts a whopping 5,291 lbs. at 24 inches.\*\*



With the six-cylinder engine comes a big 21-gallon fuel tank to keep you on the move.

\*\*Factory-observed lift capacity in lbs., measured 24 inches behind lift points.

# Drive train muscle. 4WD versatility.



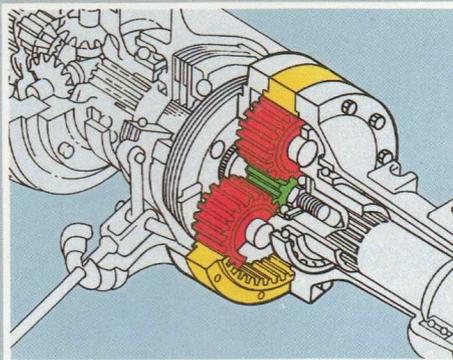
It's doubtful you'll find a better utility tractor drive train than comes standard in the two-wheel-drive 2-55/2-65/2-75 Field Boss® tractors. Heft and durability features are built-in throughout.

Synchromesh transmission with 16 forward speeds. Four reverse speeds. Big 13-inch single dry-type clutch. Hefty planetary final drive gears. Multiple plate wet brakes. Jaw-type differential lock.

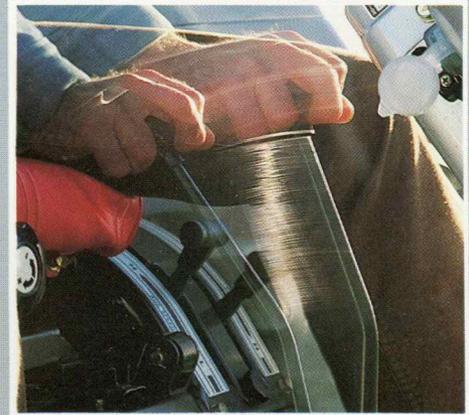
Every heavy-duty drive train component in the 2-55/2-65/2-75 tractors is standard equipment. To give years of high-performance, low-breakdown life.

For more versatility, add our optional Power Front Axle. It puts 4WD performance into any job.

While our Power Front Axle is an option, it's not an add-on. Every 2-55, 2-65 and 2-75 four-wheel-drive tractor is built that way at the factory. So you know it will do the job for you.



Inboard planetary final drive gears mean long life and reliability.

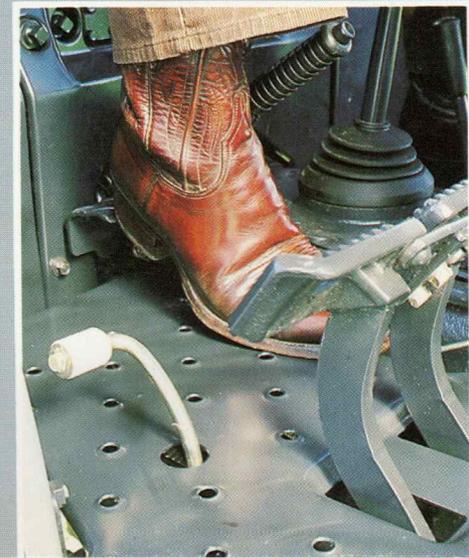


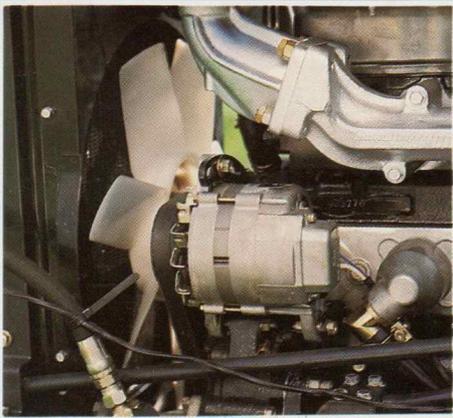
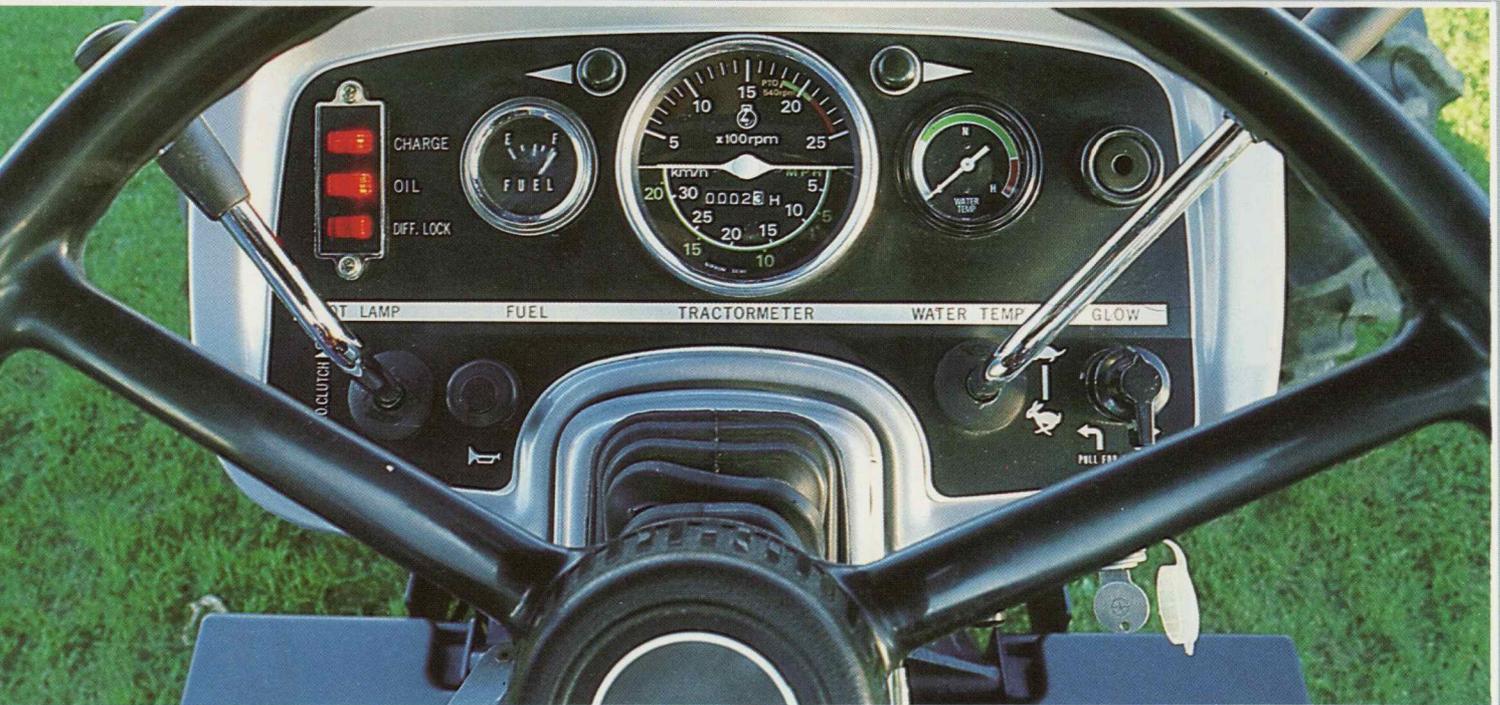
The synchromesh transmission has a normal shift pattern in four forward gears.



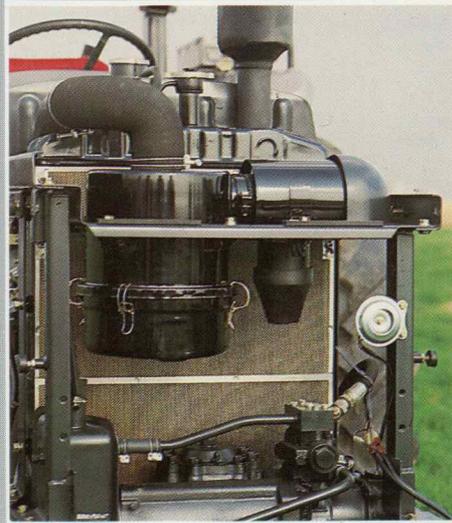
Auxiliary and creeper range levers are located left of the seat, for convenient shifting.

Whenever the going gets tough, engage the diff-lock with a quick motion of your heel.

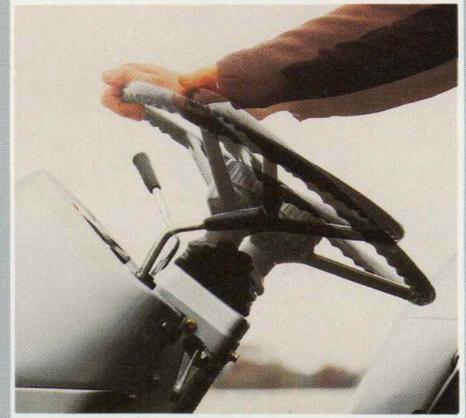




The heavy-duty 12-volt, 35-amp alternator keeps two low maintenance batteries plus the electrical system going strong.

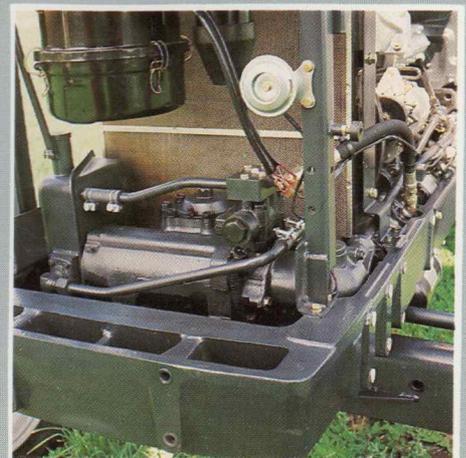


A precleaner plus dry-type replaceable air filter assures clean air for the engine, even in dusty conditions.



Power steering makes working in muddy lots a breeze. The tilt steering wheel adjusts to your height.

The power steering unit's pump, filter and fluid are separate from other tractor hydraulics. So the rest of the system isn't robbed of power.



# Extra features without extra expense.

The 2-55, 2-65 and 2-75 Field Boss® tractors probably come with more standard features than any tractor in their class. Features you'd pay extra for as options on many other tractors. Or can't get at all.

But when we say "features," we're not talking about bells and whistles. We mean heavy-duty, extra-measure-of-protection components that can add both life and performance to the tractors. And value to you.

Engine performance features like an engine oil cooler, multi-plunger fuel injection pump and cross-flow head design.

Drive train durability features like planetary final drive gears, synchromesh transmission and a big 13-inch clutch.

Plus the comfort and working features you see on this page. We could have gotten by with fewer heavy-duty components. A little lighter gauge metal here and there. We could have made more heavy-duty components optional.

But, at White Farm Equipment Company, we think tractors should be built better than that. The 2-55, 2-65 and 2-75 Field Boss tractors are.



Standard convenience and safety features include deluxe flat-top fenders, tool box with service tools, tail and warning lights.

Tight turning, even in 4WD, is another plus of the 2-55/2-65/2-75 design.



Powerful 45/40-watt headlights (bright and dim) light the way in the field or on the road. Other standards include two tail lights and four flashing warning lights.





The 2-55/2-65/2-75 4WD family. The Power Front Axle option adds versatility and traction to handle many jobs better. Plus the 4WD models turn almost as tightly as the 2WD tractors.



The solid steel PFA drive shaft has no universal joints and is sealed against water and corrosion.



Switch from 2WD to 4WD with a flip of the conveniently located lever.



Two gear reductions in the PFA hub allow shocks and jolts to be absorbed in the hub.



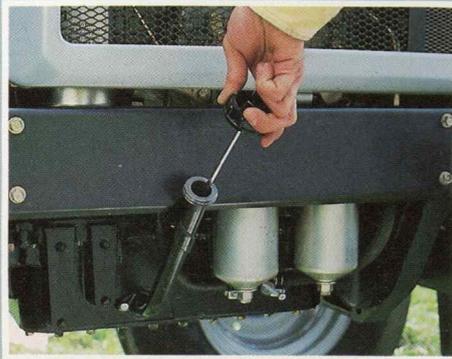
The special offset hub design allows plenty of front axle clearance—20.3 inches on the 2-75 model shown.

# Engineered for easy service.

Time is a premium commodity, so we've designed the 2-55, 2-65 and 2-75 Field Boss® tractors for fast, easy service.

Every dipstick is conveniently placed. Open the sound-muffling engine side panels and you can easily reach the oil filter, fuel strainer and other engine components. Behind the front grille (2 thumbscrews) the air cleaner and power steering unit are easily serviceable.

Whether daily fueling and checking oil levels or changing filters and servicing at regular intervals, the 2-55, 2-65 and 2-75 Field Boss tractors make maintenance a breeze.



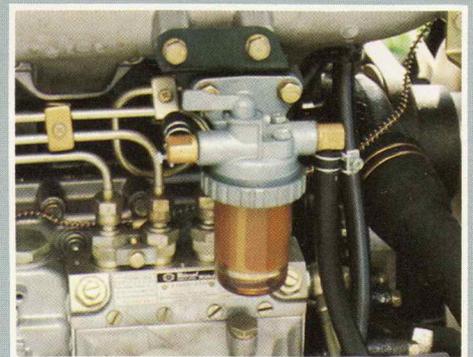
Engine oil dipstick.



Filling fuel tank.



Engine oil filter.



Fuel strainer and shut-off.



Air cleaner service (2-75).



Dual fuel filters.



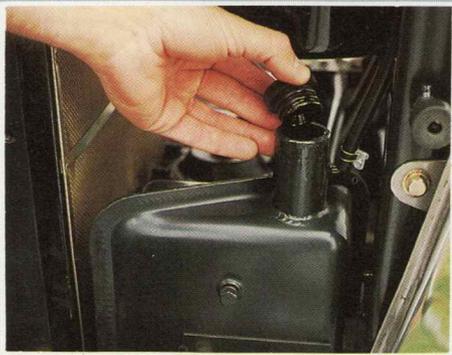
Engine side panel.



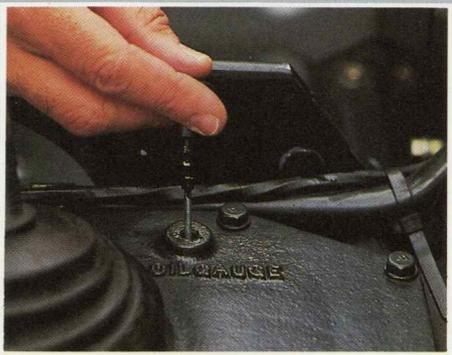
Front lights.



Two low maintenance batteries.



Power steering unit.



Transmission/hydraulics dipstick.



Transmission/hydraulics filter.



This 2-65 features an optional front end loader, R.O.P.S canopy and Power Front Axle, a great combination for many farms.

## Performance options.

You don't need many options with the 2-55, 2-65 and 2-75 Field Boss tractors. But, depending on your operation and weather, you may want to add features for more performance.

**Canopy:** Keeps sun and rain off of you.

**Power Front Axle:** Add 4WD performance.

**Power adjust rear wheels:** If you change wheel widths often, it's a real time saver.

**Front satchel weights:** Add up to 456 lbs. with eight 57-lb. weights.

**Rear wheel weights:** Add up to 352 lbs. to each rear wheel with these 88-lb. bolt-on weights.

**Coolant heater:** Anybody who's spent a winter up North knows about this.

**Front end loader:** Ask your White Farm Equipment Company dealer about the right loader for your model tractor.

**2nd & 3rd detent or float remote valves:** The first remote valve comes standard, but a second and third can come in handy, especially if you normally keep a loader on the tractor year-round.

These options can add even more versatility to your new 2-55, 2-65 or 2-75 Field Boss. Ask your dealer for all the facts.

# 2-55/2-65/2-75 specifications.

The 2-55 (53.32\*), 2-65 (62.50\*) and 2-75 (75.39\*) tractors are available in two- and four-wheel-drive models. All features listed below are standard unless otherwise indicated.

**Engine Features** (2-55, 2-65, 2-75)  
 13-inch (325mm) single dry-type clutch  
 Dry cylinder liners  
 Direct fuel injection  
 Multi-plunger injection pump  
 7-blade fan (2-55, 2-65)  
 6-blade fan (2-75)  
 Engine oil cooler  
 Replaceable element oil filter  
 Air precleaner  
 Dry type air cleaner  
 Dual stage fuel filters  
 Glass bowl water separator  
 Glow plugs

**Drive Train**  
 Synchromesh transmission  
 4 forward gears, 1 reverse  
 Two-range auxiliary, Two-range creeper  
 Total 16 forward speeds, 4 reverse  
 Multiple plate wet brake, foot actuated  
 Planetary gear final drive  
 Jaw-type diff-lock, foot actuated  
 Hand-lever parking brake

**Hydraulics**  
 Open center system, engine driven  
 One remote valve, 3-pt. hitch standard  
 Pump capacity 11.9 gpm (45 ltr./min.)  
 Working pressure (2-55, 2-65) 2415 psi (166.6 bar)  
 Working pressure (2-75) 2560 psi (176.6 bar)

**3-pt. Hitch**  
 Category II, convertible to Cat. I  
 Lift capacity (2-55) 3641 lbs. (1655 kg) at 24 in.\*\*  
 Lift capacity (2-65) 3762 lbs. (1707 kg) at 24 in.\*\*  
 Lift capacity (2-75) 5291 lbs. (2405 kg) at 24 in.\*\*  
 Upper link draft control  
 Position control  
 Lowering speed control  
 Telescoping lower links

\*Official PTO horsepower

\*\*Factory-observed lift capacity in lbs., measured 24 inches behind lift points.

**Power Take Off**  
 (2-55, 2-65) 540 rpm independent (1840 engine rpm)  
 (2-75) 540/1000 rpm dual speed independent (1840/2050 engine rpm)  
 Multiple plate wet clutch  
 Ground speed PTO

**Electrical**  
 Two 12-volt low maintenance batteries  
 35 amp alternator  
 2 headlights (45/40 watts)  
 2 tail lights (8 watts)  
 4 warning lights (23 watts)  
 2.5 kW starting motor

**Instrumentation**  
 Coolant temperature gauge  
 Fuel gauge  
 Oil pressure lamp  
 Charge lamp  
 Glow plug signal  
 Diff-lock engage lamp  
 Tach-speedometer-hour meter

**Other Standard Features**  
 Adjustable armrest seat  
 Integral power steering  
 Tilt steering wheel  
 Foot throttle  
 Tool box with service tools  
 SMV bracket  
 2 rear reflectors  
 Swinging drawbar  
 Deluxe flat-top fenders

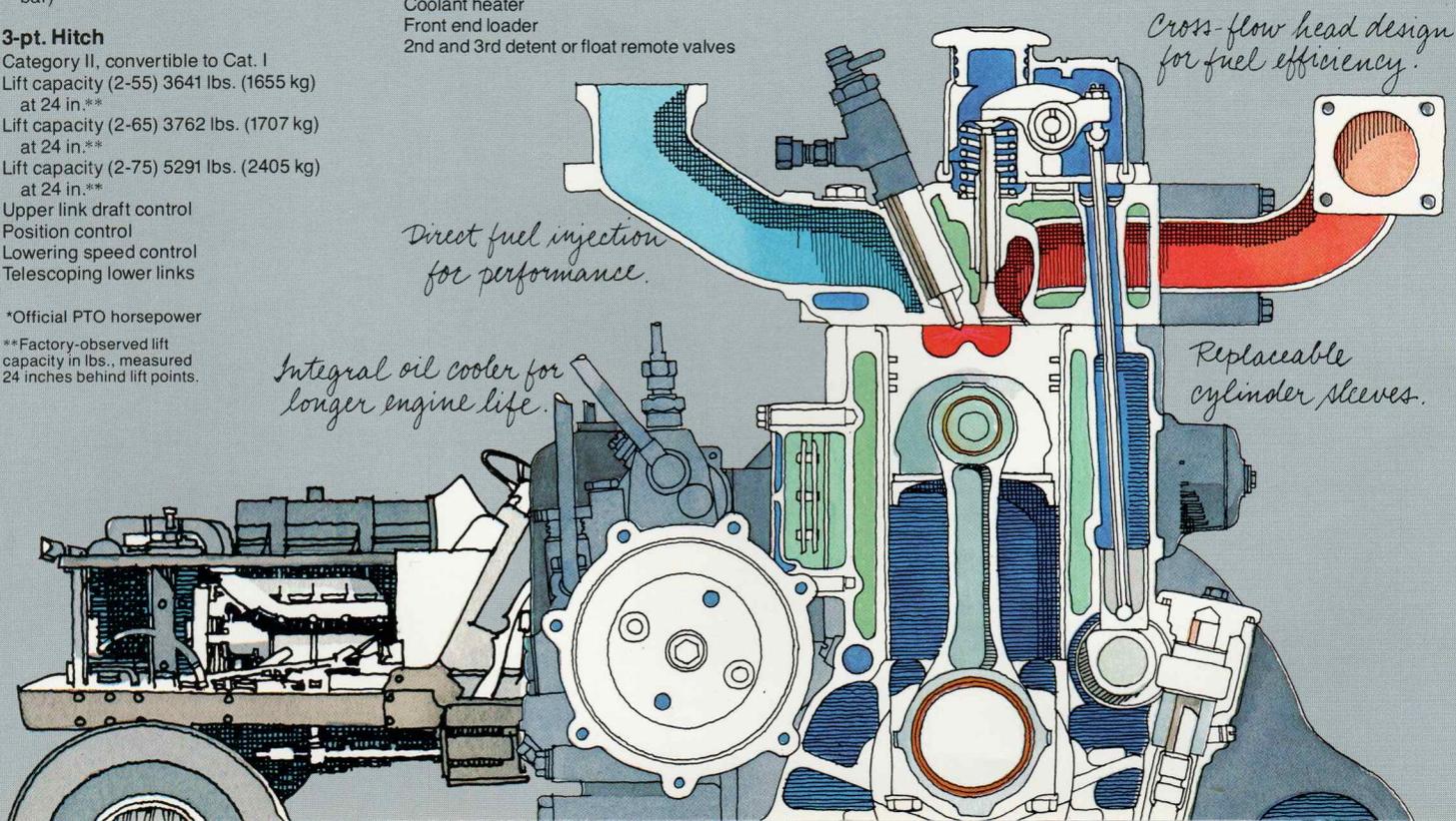
**Optional Equipment**  
 2-post R.O.P.S. with seat belt  
 Canopy  
 Power front axle  
 Power adjust rear wheels  
 8 front satchel weights (57 lb./25 kg)  
 Rear wheel weights (88 lb./40 kg)  
 Coolant heater  
 Front end loader  
 2nd and 3rd detent or float remote valves

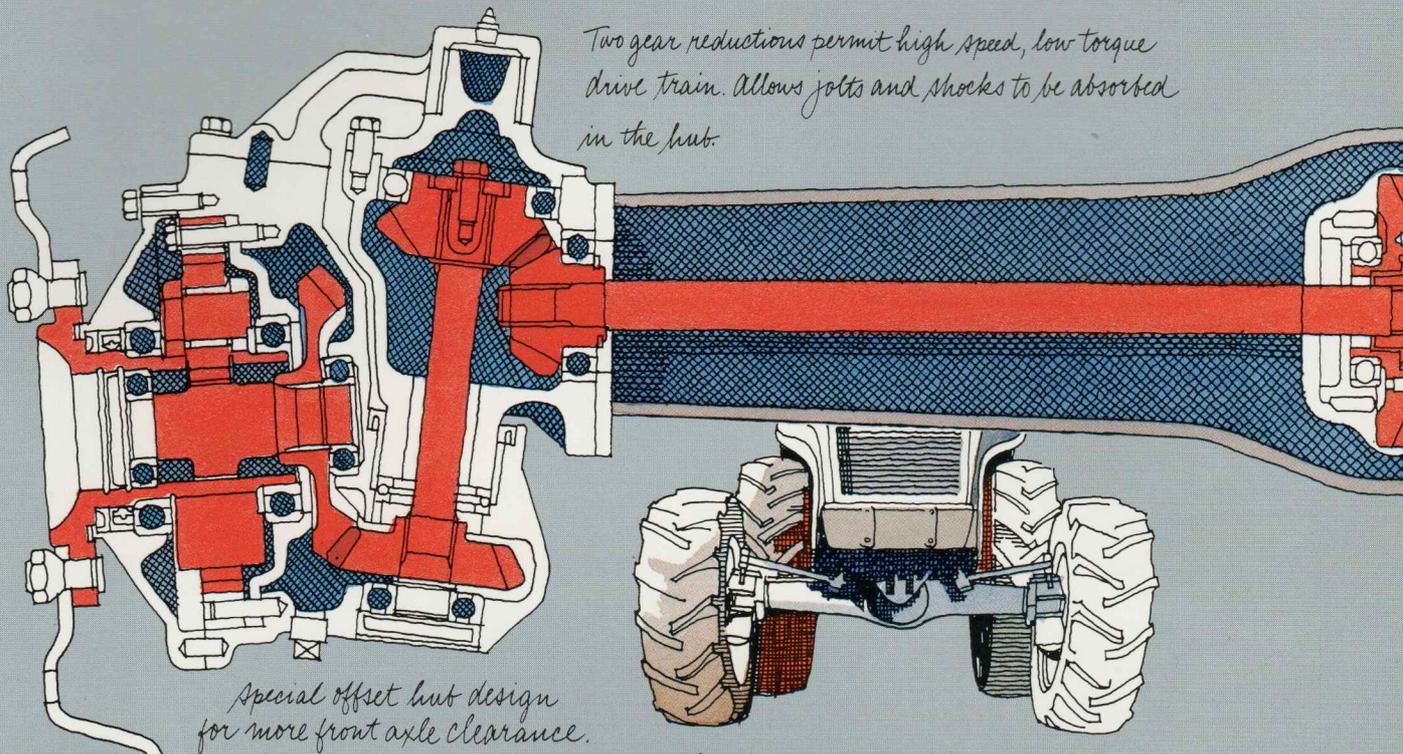
## Engine Specifications

|                          | 2-55         | 2-65         | 2-75         |
|--------------------------|--------------|--------------|--------------|
| 4-cylinder diesel        | ✓            | ✓            | ✓            |
| 6-cylinder diesel        |              |              |              |
| Displacement cu. in (cc) | 199.4 (3268) | 235.3 (3856) | 329.1 (5393) |
| PTO horsepower*          | 53.32        | 62.50        | 75.39        |
| Bore & Stroke (mm)       | 102 x 100    | 102 x 118    | 102 x 110    |
| Rated Speed              | 2200 rpm     | 2200 rpm     | 2200 rpm     |
| Low Idle (no load)       | 675 rpm      | 675 rpm      | 650 rpm      |
| High Idle (no load)      | 2420 rpm     | 2420 rpm     | 2420 rpm     |

## Travel speeds at rated 2200 RPM with standard tires (2WD)

|         | GEAR | CREEPER | MAIN  | 2-55 |       | 2-65 |       | 2-75 |       |
|---------|------|---------|-------|------|-------|------|-------|------|-------|
|         |      |         |       | MPH  | KM/HR | MPH  | KM/HR | MPH  | KM/HR |
| FORWARD | 1    | L       | L     | 0.37 | 0.6   | 0.43 | 0.7   | 0.43 | 0.7   |
|         | 2    | L       | L     | 0.68 | 1.1   | 0.68 | 1.1   | 0.68 | 1.1   |
|         | 3    | L       | L     | 0.81 | 1.3   | 0.87 | 1.4   | 0.81 | 1.3   |
|         | 1    | L       | H     | 0.93 | 1.5   | 0.93 | 1.5   | 0.93 | 1.5   |
|         | 2    | L       | L     | 1.18 | 1.9   | 1.24 | 2.0   | 1.24 | 2.0   |
|         | 4    | L       | H     | 1.55 | 2.5   | 1.62 | 2.6   | 1.62 | 2.6   |
|         | 3    | L       | H     | 1.80 | 2.9   | 1.92 | 3.1   | 1.93 | 3.1   |
|         | 1    | H       | L     | 2.11 | 3.4   | 2.24 | 3.6   | 2.17 | 3.5   |
|         | 4    | L       | H     | 2.73 | 4.4   | 2.86 | 4.6   | 2.80 | 4.5   |
|         | 2    | H       | L     | 3.54 | 5.7   | 3.73 | 6.0   | 3.67 | 5.9   |
|         | 3    | H       | L     | 4.22 | 6.8   | 4.47 | 7.2   | 4.41 | 7.1   |
|         | 1    | H       | H     | 4.78 | 7.7   | 5.03 | 8.1   | 4.97 | 8.0   |
| 4       | H    | L       | 6.27  | 10.1 | 6.65  | 10.7 | 6.52  | 10.5 |       |
| 2       | H    | H       | 8.07  | 13.0 | 8.58  | 13.8 | 8.39  | 13.5 |       |
| 3       | H    | H       | 9.69  | 15.6 | 10.25 | 16.5 | 10.07 | 16.2 |       |
| 4       | H    | H       | 14.35 | 23.1 | 15.22 | 24.5 | 14.91 | 24.0 |       |
| REVERSE | R    | L       | L     | 0.50 | 0.8   | 0.56 | 0.9   | 0.50 | 0.8   |
|         | R    | L       | H     | 1.18 | 1.9   | 1.24 | 2.0   | 1.24 | 2.0   |
|         | R    | H       | L     | 2.73 | 4.4   | 2.92 | 4.7   | 2.61 | 4.2   |
|         | R    | H       | H     | 6.28 | 10.1  | 6.65 | 10.7  | 6.52 | 10.5  |

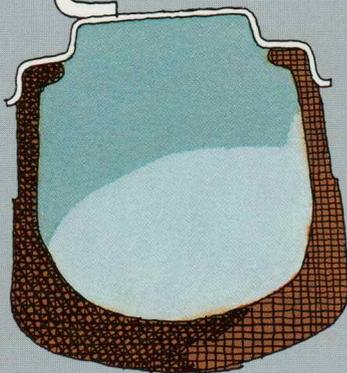




*Two gear reductions permit high speed, low torque drive train. Allows jolts and shocks to be absorbed in the hub.*

*Special offset hub design for more front axle clearance.*

*No front axle universal joints means shorter turns.*



**Tire sizes**

|                | 2-55        |             | 2-65        |             | 2-75        |              |
|----------------|-------------|-------------|-------------|-------------|-------------|--------------|
|                | 2WD         | 4WD         | 2WD         | 4WD         | 2WD         | 4WD          |
| Standard Front | 6.50-16, 6P | 9.50-24, 6P | 7.50-16, 6P | 9.50-24, 6P | 7.50-18, 6P | 11.20-24, 6P |
| Standard Rear  | 14.9-28, 6P | 16.9-30, 6P | 16.9-30, 6P | 16.9-30, 6P | 16.9-34, 6P | 16.9-34, 6P  |

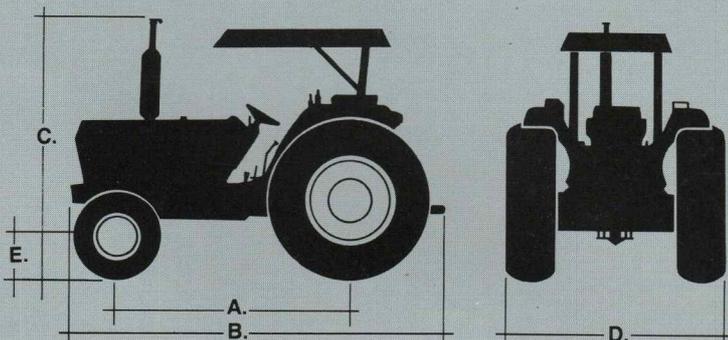
**Wheel Treads** (with standard tires) 60-80 (1420 mm-2020 mm)

**Dimensions using standard tires (2WD)**

|                                    | 2-55                | 2-65                | 2-75                |
|------------------------------------|---------------------|---------------------|---------------------|
| A. Wheelbase                       | 80.3 in. (2040 mm)  | 84.6 in. (2150 mm)  | 90.6 in. (2300 mm)  |
| B. Length w/3-pt. hitch            | 137.4 in. (3490 mm) | 142.1 in. (3609 mm) | 153.5 in. (3899 mm) |
| C. Overall Height (top of muffler) | 94.0 in. (2388 mm)  | 97.0 in. (2464 mm)  | 100.4 in. (2550 mm) |
| D. Overall Width                   | 71.6 in. (1819 mm)  | 73.5 in. (1867 mm)  | 74.0 in. (1880 mm)  |
| E. Ground clearance (front axle)   | 16.9 in. ( 429 mm)  | 19.8 in. ( 503 mm)  | 20.3 in. ( 516 mm)  |
| Turning radius w/brakes (2WD)      | 110 in. (2.9 m)     | 118 in. (3.0 m)     | 134 in. (3.4 m)     |
| Shipping Weight (approx.) 2 WD     | 5072 lbs. (2300 kg) | 5314 lbs. (2410 kg) | 6108 lbs. (2770 kg) |

**Capacities**

|                                    | U.S. Measure | Metric      | Imperial  |
|------------------------------------|--------------|-------------|-----------|
| Fuel (2-55, 2-65)                  | 15.9 gal.    | 60 liters   | 13.2 gal. |
| Fuel (2-75)                        | 21.1 gal.    | 80 liters   | 17.6 gal. |
| Cooling System (2-55)              | 14.9 qts.    | 14.1 liters | 12.4 qts. |
| Cooling System (2-65)              | 15.2 qts.    | 14.4 liters | 12.6 qts. |
| Cooling System (2-75)              | 19.3 qts.    | 18.3 liters | 16.1 qts. |
| Crankcase with filter (2-55, 2-65) | 10.5 qts.    | 9.9 liters  | 8.7 qts.  |
| Crankcase with filter (2-75)       | 16.9 qts.    | 16.0 liters | 14.1 qts. |
| 2-55 Trans./Hydraulics             | 35.3 qts.    | 33.5 liters | 29.4 qts. |
| 2-65 Trans./Hydraulics             | 41.3 qts.    | 38.0 liters | 34.4 qts. |
| 2-75 Trans./Hydraulics             | 35.3 qts.    | 33.5 liters | 29.4 qts. |
| (2-55, 2-65) Final Drive (each)    | 6.3 qts.     | 6.0 liters  | 5.2 qts.  |
| (2-75) Final Drive (each)          | 8.7 qts.     | 8.2 liters  | 7.2 qts.  |



# White Farm compacts put utility-class features to work in 14 to 40 horsepower packages.

Matching horsepower to the task saves time and money. And when you can get big tractor features on compact-class tractors, you've got a winning combination. White Farm's five compact tractors have 'em.

The three-cylinder Field Boss® 31 and the four-cylinder Field Boss® 37 and Field Boss® 43 deliver efficient, high-torquing power from diesel engines that have a reputation for trouble-free service. Select from PTO horsepowers of 25, 30 or 39.

To put that power to work, these compacts give you a productive choice of speeds. With an exclusive Triple-sync transmission, you can shift between main gears while you roll. Just clutch,

shift and go—even between forward and reverse. There are up to 18 forward and six reverse speeds for a precise match to the task.

The tractors are loaded with standard features including live, open-center hydraulics; Category I three-point hitch; differential lock and full instrumentation. The Field Boss 31 even has a front mounted PTO shaft in addition to the independent rear PTO that's standard on all three units.

#### 14 to 19 PTO Tractors

The Field Boss® 16 and Field Boss® 21 also pack more features than you'd expect in a compact. Differential lock, front and rear power take off, open-center hydraulics and a Category I

three-point hitch are just some of the standard features that help you get more work done from these workhorses.

They get their efficient power from a three cylinder diesel that works with a sliding gear transmission to give the right choice of speeds and muscle.

You can select a two or four wheel drive model in each of these five compact tractors. The addition of mechanical front wheel drive gives you up to a 26% boost in performance. And there's a wide selection of attachments that let you master many chores quickly and efficiently.



**WHITE-NEW IDEA FARM EQUIPMENT COMPANY**  
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