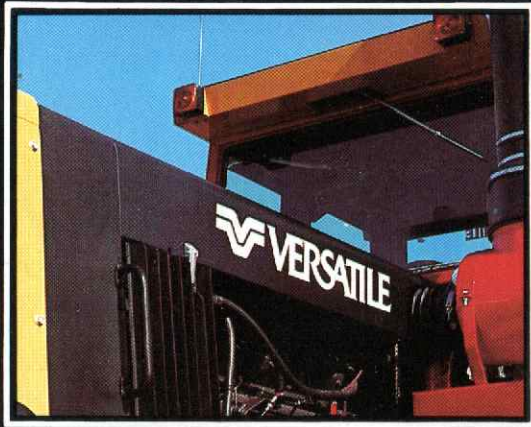


**POWER
FOR
PROFIT**



QUENTIN CURRIE

VERSATILE SERIES 3



**SERIES 3
THE COMPETITIVE EDGE
YOU NEED TO KEEP YOU
IN THE RUNNING.**

YOUR TOUGHEST COMPETITOR in the farm business is yourself. Each year you strive to do better; to find new ways of streamlining your operation; to beat the odds and get ahead.

At Versatile, we've become tougher on ourselves as well. We've taken a hard look at our 4WD line and made new demands on it. In our search, we've found new power. Power that means increased profit for you. The power of Series 3.

A tractor line that meets the energy challenge head on with an engine designed for maximum fuel economy. Special features which address the bottom line by taking control of tractor power and making it work for you in all conditions.

Dependable component design so when you're raring to go, your tractor is up to the job. And a deluxe cab that's so comfortable you'll find yourself working more, feeling it less, and increasing your productivity.

Capture the power of Series 3 and see how much more you can do to ensure your success through every season.

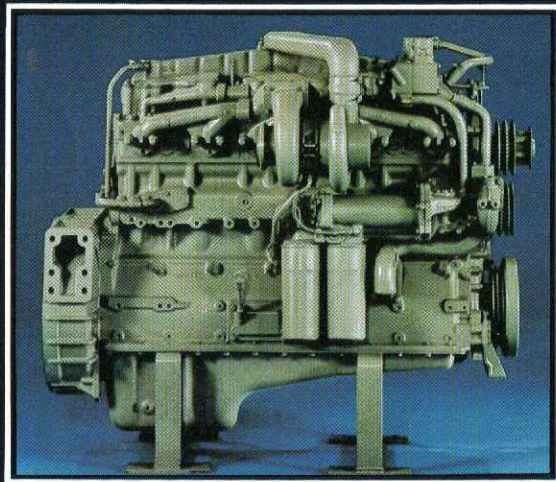


MORE POWER FOR P



PROFIT!

CONSTANT POWER AND BIG CAM III TEAM UP FOR MAXIMUM FUEL EFFICIENCY



INTRODUCE SERIES 3 to your toughest field job, your roughest terrain. Constant Power Plus will pull you through and cut your fuel costs.

First, Constant Power, a proven design feature of the Cummins' engine, allows you to maintain your drawbar pull over a wide range of engine speeds. Pulling through tough spots is a Constant Power specialty but it will take over even when the going is easy. Simply shift up a gear and throttle back to operate at a more fuel efficient, lower RPM range.

The Plus is more good news from Cummins. Their Big Cam III engine combines fuel efficiency, heavy duty construction and maintenance ease in one. Up to a 5% improvement in fuel efficiency over previous engine models separates Big Cam III from all the rest. Fuel efficiency resulting from refinements in engine design.

CONTROLLED OIL FLOW: A Demand Flow and Cooling (DFC) lubrication system maintains proper oil pressure and temperature. By regulating oil flow, and not operating continuously at maximum capacity, the power demand on the pump is reduced for improved fuel economy.

TURBOCHARGER REDESIGN: A chevron designed compressor wheel blade increases the air flow and efficiency of the turbocharger. This produces better engine performance at low speeds, reduces smoke and ensures more efficient combustion.

3 PASS AFTERCOOLER: With Big Cam III, the coolant makes 3 passes through the aftercooler core. This means lower intake air temperature and denser air for complete combustion. Better cooling is provided by more cooling fins. The result is a 15% more efficient aftercooling process.

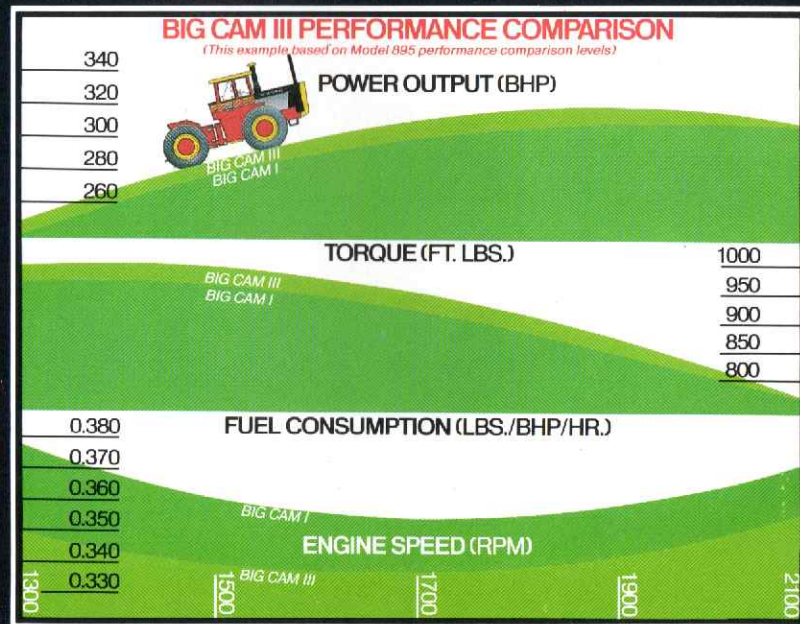
FUEL EFFICIENT NON-CUTBACK PISTONS: A new piston design eliminates dead air space above the piston ring, reducing the volume of the combustion chamber and improving combustion efficiency.

Heavy duty parts design has made Cummins a trusted name in engine manufacturing. All parts and components are made of high strength, long life, corrosion-resistant materials. Great care is taken with every component to

ensure reliability and dependability throughout engine life.

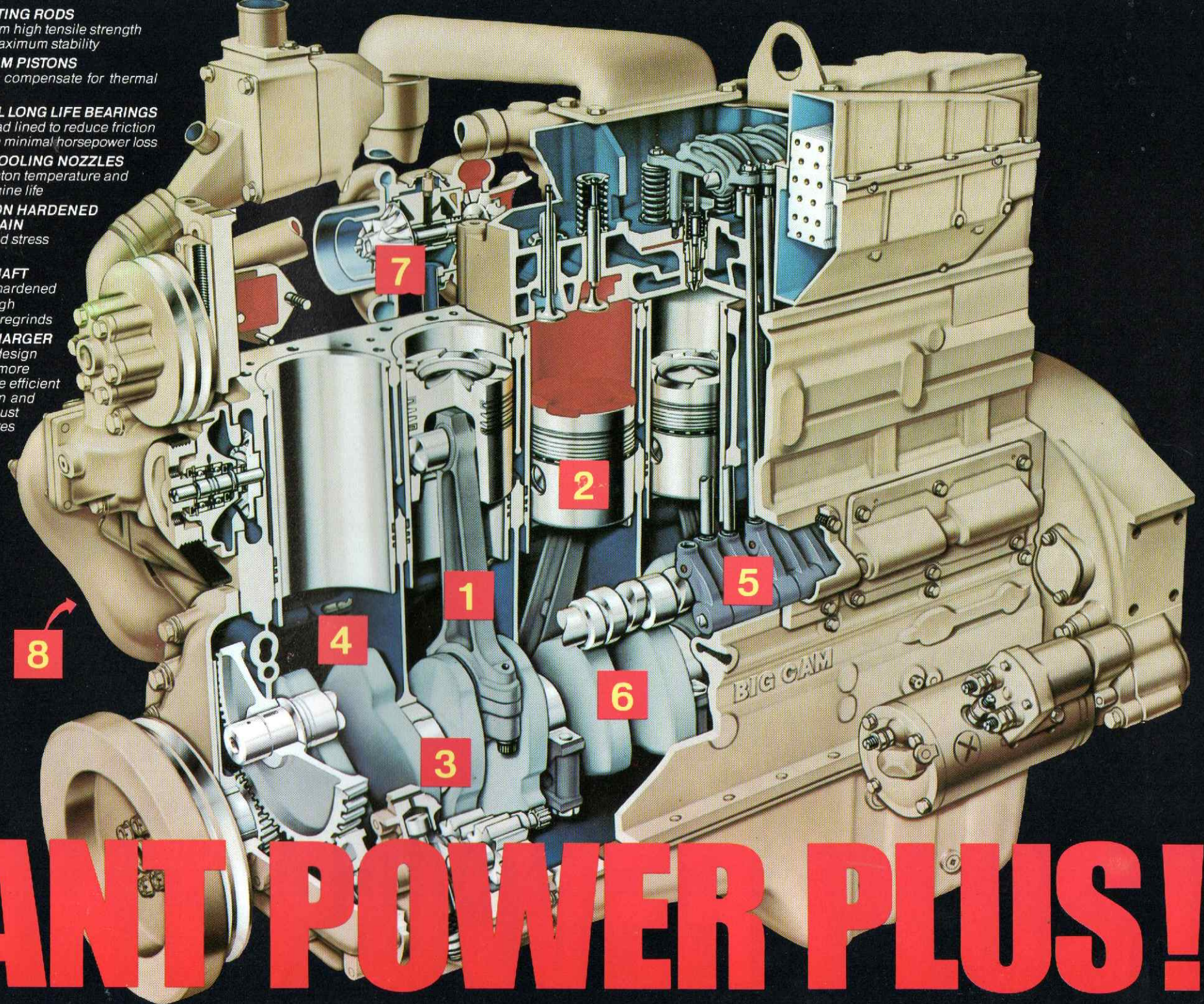
Depend on Cummins Big Cam III to give you thousands of hours of maintenance-free service! And when you need any work done, the engine's modular design makes removal, maintenance and replacement of most parts a minor task. 60% of all engine parts are interchangeable with other engines in the N series so parts availability isn't a problem. Most tubes, hoses and threaded connections have been eliminated by drilled passages in the cylinder head and block. And specially designed filters provide optimum filtration with minimum maintenance costs.

Constant Power and Big Cam III. A combination you can rely on to save you fuel and maintenance costs.



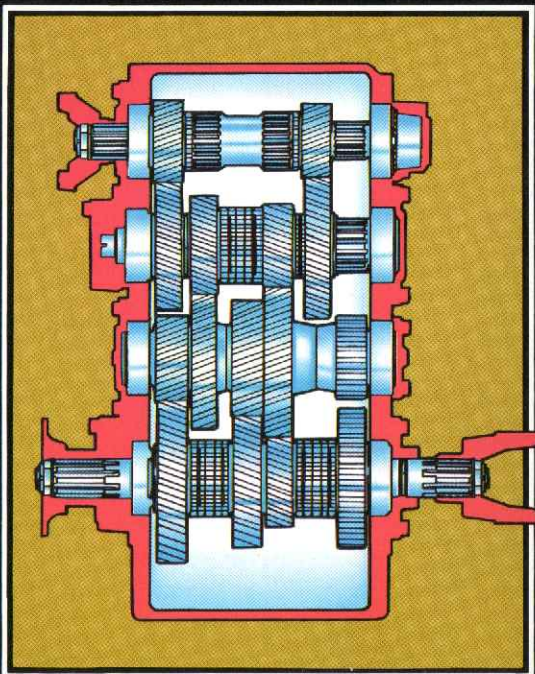
PROFIT FROM CONS

- 1 CONNECTING RODS**
Forged from high tensile strength steel for maximum stability
- 2 ALUMINUM PISTONS**
Shaped to compensate for thermal expansion
- 3 TRI-METAL LONG LIFE BEARINGS**
Copper-lead lined to reduce friction resulting in minimal horsepower loss
- 4 PISTON COOLING NOZZLES**
Control piston temperature and extend engine life
- 5 INDUCTION HARDENED VALVE TRAIN**
For reduced stress and wear
- 6 CRANKSHAFT**
Induction hardened deep enough for several regrinds
- 7 TURBOCHARGER**
Improved design to provide more power, more efficient combustion and lower exhaust temperatures
- 8 SPIN-ON FILTERS**
For easy servicing



TANT POWER PLUS!

**TWO TYPES OF TRANSMISSIONS
TAKE YOU OVER THE HILL,
AROUND THE BEND
AND THROUGH
THE TOUGHEST TERRAIN.**



Gear transmission:
Direct power transfer for efficient
and reliable power delivery.

RELIABLE GEAR TRANSMISSION

SIMPLY DESIGNED FOR easy operation and servicing, our four shaft GEAR TRANSMISSION is ready to harness all the power your tractor has to give. This field proven transmission has built a reputation for reliability and efficiency.

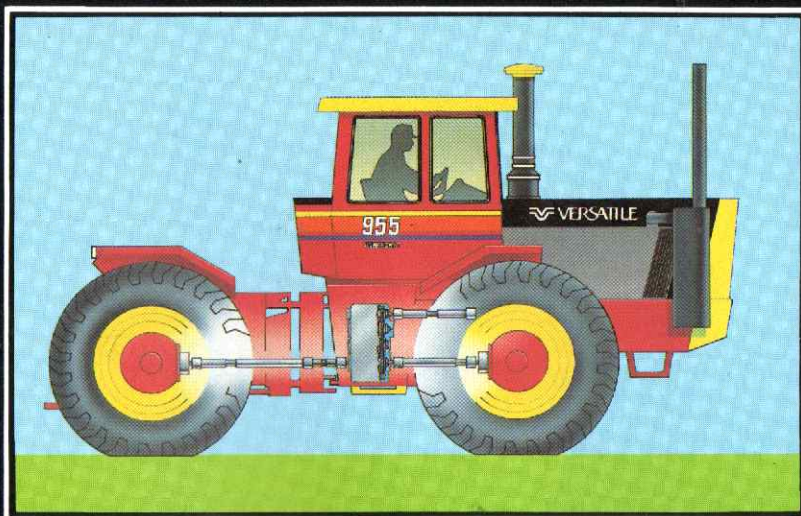
With gear and range speeds all in one unit, there's more muscle at the drawbar for increased pulling power. Combined with Constant Power, which allows you to maintain your drawbar power over a wide range of engine speeds, you'll enjoy less shifting. For added efficiency the output shaft delivers power directly to the axles, so there's no need for a transfer case.

Choose from 12 forward speeds to match your implement load and field conditions. The helical cut, constant mesh design of our gears means more tooth contact for reliable power transmission, less noise, and longer gear life.

For minimum wear and maximum dependability, the transmission has an independent oil lubrication and cooling system.

Versatile's tradition of design simplicity is reflected in the modular assembly of this drive train. You won't have to split the tractor to repair or maintain major parts of the drive train.

Rely on this field proven transmission to cut back on your down time and give you more time for the job at hand.



12 SPEED POWERSHIFT

IF YOUR OPERATION INVOLVES special applications and field conditions, Versatile Powershift is ready to take it on. Combining all the control of standard and all the convenience of automatic, the Powershift gives you complete command of your tractor's power and more! A simple touch of the Powershift lever sends out an electronic signal which engages the correct combination of clutches required for the speed you need. An easy-to-read digital display indicates your transmission range selection. Hydraulic clutches are designed to provide smooth shifting through a full 12 forward, 2 reverse speeds.

You'll appreciate how easy it is to shift and the fact that you can match the gear ratio to any ground or load condition. Clutch modulation in first, forward and reverse gear gives you 'inching' capabilities

for easier implement hook-up, this allows you to start tractor motion with heavy drawbar loads.

Grab hold of increased productivity! The Powershift allows you to match gear ratios to load conditions and get through tough spots without stopping or lifting your implement.

Take it easy! There's no clutching between shifts so there's less wear on you and your tractor's gear train. In jobs where you normally require constant clutching, such as laser planing, you can increase your productivity by up to 25%.

Save on operating costs! The Powershift is designed to operate without a torque converter so you save on fuel. Once you've experienced the ease of Powershift control, give your hired help a turn. It's the perfect transmission for first time operators.

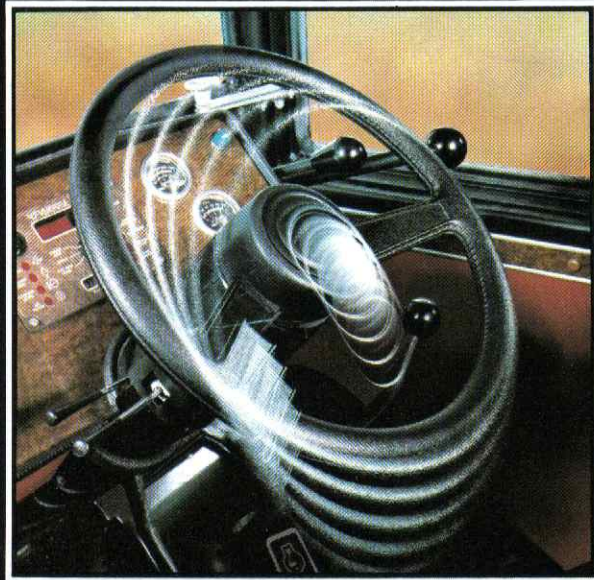
Easy to operate and maintain, let Powershift make the most of your tractor's power for increased productivity through every season.

FAST EFFICIENT PULL



...LING POWER!

STEP INTO OUR ALL DAY CLIMATE CONTROLLED CAB



Tilt-telescopic steering column tilts up or down in seven different positions and telescopes to bring the absorbite grip steering wheel within easy reach for your operating comfort and convenience.

ATRACTOR CAB BECOMES your home away from home when you have a long day in the field ahead of you. That's why we've taken special care in the design of our comfortable deluxe cab.

Enjoy a quiet ride. Our cab is completely rubber isolator mounted, pressurized, and insulated against engine, transmission and hydraulic operation noise.

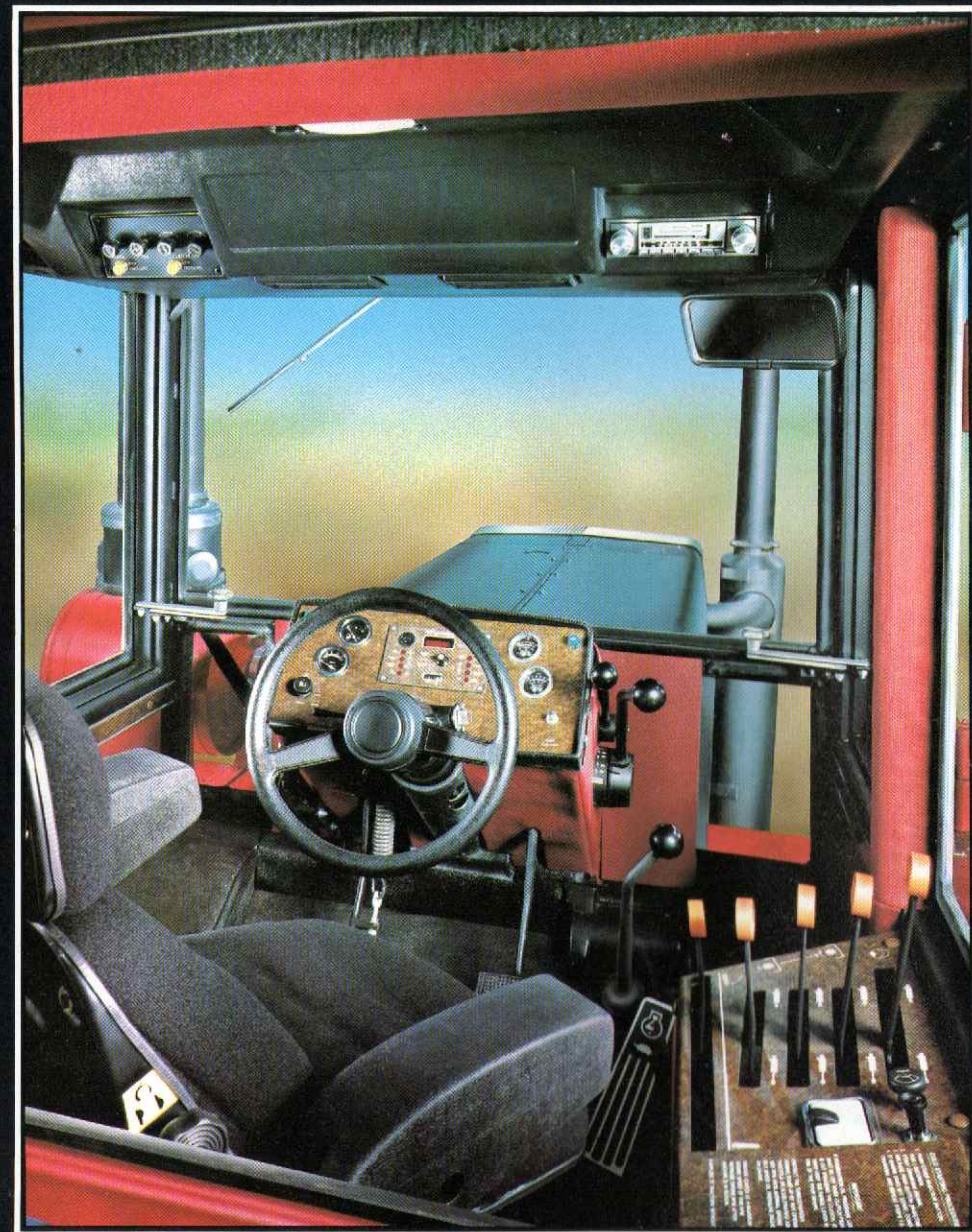
Beat the heat or the bitter cold with our standard heater/air conditioner featuring fast working air intake control.

Easy-to-reach controls and column-mounted turn signals and key start switch add to your operating convenience. Along the way, a digital readout will give you your engine, PTO, and ground speed. All gauges are easy-to-read and an audio alarm and light system is built in to monitor engine coolant level/temperature and oil pressure.

The press of a button on the control panel will measure a precise shot of starting fluid for quick, reliable starts in cold weather. This Electronic Cold Start System has a Thermoguard feature to prevent starting fluid injection at engine temperatures above 81°F (27°C).

Safety has always been a key consideration in our cab design. Our standard 6 post cab with 4 isolator mounts provides heavy duty roll-over protection.

You'll come out clean and so will your cab interior with the operation of a top rear-mounted self-cleaning cab filter.

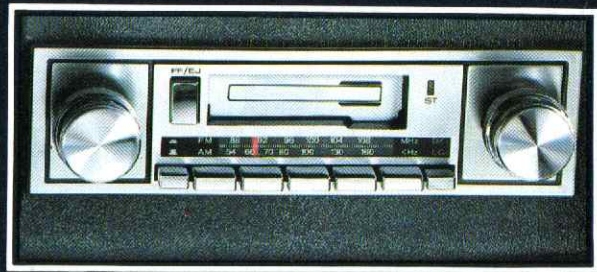


MORE COMFORT = M



Sit back, relax and enjoy the ride in our plush, new, 7-way adjustable operator's seat. The two stage suspension system ensures optimum comfort as well as height adjustability. Adjustments can be made to the seat height (air activated), fore and aft positioning, and swivel locking base. The seat features air-ride suspension which automatically compensates for your weight. A high-powered air compressor, built right into the seat suspension system, will activate the right amount of compressed air energy to adjust the seat height. The backrest is mounted on rubber isolators to reduce back-slap. A horizontal attenuator alleviates side-to-side jars in rough field conditions. (The attenuator can be easily locked out with the touch of a lever). An infinitely variable backrest and seat cushion angle adjustment add to your complete driving comfort.

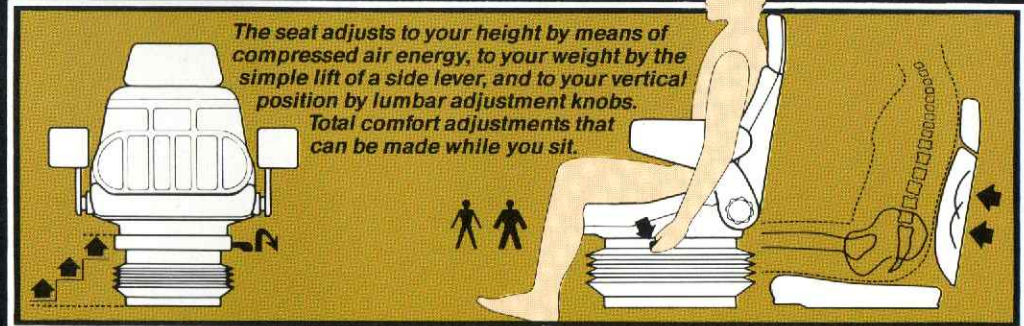
These deluxe cab features combine to provide you with hours of comfort and productivity. In fact, when you come in from the field, the only way anyone will know how hard you've worked...is if you tell them!



All new push button, AM/FM cassette radio with dual stereo speakers makes station selection easier and puts more pleasure into your working day.

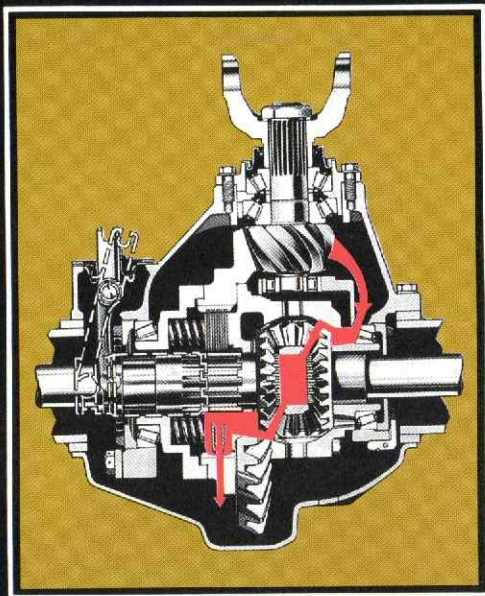


Narrow designed instrument panel for high knee clearance. Conventional gauge and warning lamp system provides you with accurate, on-the-go information and warns you of potential trouble. Rotary knob on the panel allows you to select engine, ground and PTO speed.



ORE PRODUCTIVITY

PTO, 3 POINT HITCH AND OPEN CENTER HYDRAULICS COMPLETE THE SERIES 3 POWER PICTURE



Driver controlled traction differential helps overcome adverse field conditions. Increases productivity and reduces fuel consumption.

OUTBOARD PLANETARY AXLES:

The final drives are mounted where you want them—on the outer end of the axle tube for effective transfer of torque. Outboard planetaries can easily be worked on by removing the planet covers. There is no need to split the tractor into a number of sections or use jacks.

NO-SPIN OR OPERATOR CONTROLLED DIFFERENTIALS:

Versatile gives you a choice!

Increase your wheel grip on marginal traction surfaces with No-Spin Differentials. They're designed to give you positive wheel drive to eliminate individual wheel spin-out. You'll enjoy easier operation on steep hills and through wet, slippery, soft soil conditions.

A driver Controlled Traction Differential (CTD) can help you overcome adverse field conditions on-the-go. The simple turn of the CTD rotary switch to the front, rear or front and rear position, will give you the traction you need to avoid wheel spin-outs. In any select position, the differentials transfer power from the slipping wheel to the wheel with traction. Since you only engage the CTD when you need it, you can increase your productivity and reduce your fuel use. Your tire tread and drive train will also benefit from less wear.

OPEN CENTER HYDRAULICS:

Smooth, quick and powerful hydraulic action is yours with Versatile's exclusive Open Center Hydraulic System. It provides reliable hydraulic flow of 49.7 G.P.M.

for your 3 Point Hitch, implement control and steering. This is a double pump system with one pump providing oil flow for the steering and the other to the implement control valve. With no competition between steering and implement circuits for oil, this system is more efficient and responsive than other hydraulic systems.

The entire system operates at a maximum pressure of 2,250 psi (15,513 kPa) for powerful hydraulic action. Flow control adjustments can be made from the driver's seat and all couplers conform to ISO and SAE standards.

With only one suction line and no extra filters to complicate matters, you'll find this system easy to service.

PTO:

Independent, live 1,000 r/min PTO available on 835 and 875 models.

3 POINT HITCH:

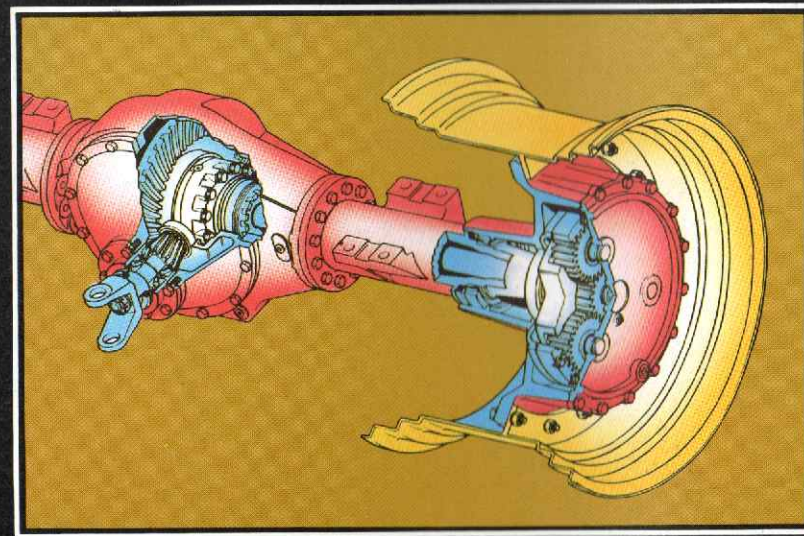
Increase your productivity with a

Outboard Planetaries:

Mounted where you want them for easy servicing.

Category IVN 3 Point Hitch which allows you to pull a wide variety of large mounted and semi-mounted implements. This hitch features implement position control for maintaining the position of your implement in a set relationship to your tractor. It has a lift force of 21,000 lbs. (9,525 kg) of implement weight and 2 position lift links for rigid or float positioning. An optional quick hitch means you can simply back up, place the hooks under the implement, raise the hitch and couple the implement. This hitch is convertible to Category IIW for a wider choice of implement hook-up.

All of these special features have proved their performance in previous Versatile tractor models. Now you can depend on their design when you choose a tractor from the Series 3 line.



PROFIT PRODUCING



WARNING
TO PREVENT OVERSIGHT
UNLOADING OF IMPLEMENT
WHEN TRAVELLING PUBLIC
ROADS, MOVE SAFETY PIN
TO BOTTOM POSITION.
FAILURE TO DO
SO MAY RESULT
IN SERIOUS
INJURY OR
DEATH.

TO UNLOAD
IMPLEMENT
LIFT HANDLE

CAUTION
DANGER
↓

←
DANGER
& BURNING
→

FEATURES



Versatile Farm Equipment Company
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 55447

Versatile Farm Equipment Corporation
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 Kansas City, Missouri, U.S.A.
 64120

Versatile Farm Equipment Pty. Ltd.
 Box 401, 292 Douglas Mawson Road,
 East Dubbo, N.S.W. 2830
 Australia



VERSATILE® is a registered trademark of Versatile Corporation.

ENGINE

Type: Cummins' Big Cam III inline 6 cylinder diesel

Model	Number	Rated Engine Horsepower
835	NT-855-A230 (turbocharged)	230 HP (172 kW)
875	NT-855-A280 (turbocharged)	280 HP (209 kW)
895	NA-855-A310 (turbocharged and aftercooled)	310 HP (231 kW)
945	NTA-855-A335 (turbocharged and aftercooled)	335 HP (250 kW)
975	NTA-855-A360 (turbocharged and aftercooled)	360 HP (268 kW)
955PS	NTA-855-A350 (turbocharged and aftercooled)	350 HP (261 kW)

Oil capacity: 10.5 US gal (39.7 L)
 Coolant capacity:
 835: 46 US qt (43.5 L)
 875: 47 US qt (44.5 L)
 895, 945, 955, 975: 61 US qt (58 L)
 Maximum fuel capacity: 185 US gal (700 L)
 Air cleaner: Dual element, dry type with pre-cleaner

DRIVE TRAIN

Transmission
 Gear*: Versatile designed, mechanical transmission with 12 forward and 4 reverse speeds, constant mesh, independent lubrication system
 Oil capacity: 21.5 US qt (20.3 L)
 *excluding 955
 Powershift: (955) 12 forward and 2 reverse speed full powershift
 Oil capacity: 50 US qt (47.3 L)
 Axles
 Type: outboard planetary

CLUTCH

Type*: Two plate dry type, wear compensating, mechanically activated. Safety start switch located on clutch pedal.
 *excluding 955

BRAKES

Single disc and dual caliper, self-adjusting, driveline mounted, hydraulically activated

HYDRAULICS

Type: Open centre
 System pressure: 2,250/2,300 psi (15.51/15.86 MPa)
 Pump capacity: Steering pump: 26.1 US GPM (1.65 L/s) at 2,100 engine r/min.
 Implement pump: 23.6 US GPM (1.49 L/s) at 2,100 engine r/min.
 Fluid capacity: 84 US qt (79.5 L)
 Remotes: 4 standard (takes SAE and ISO male ends)

ELECTRICAL SYSTEM

90 amp alternator (12 volt, negative ground)
 Lamps: Two 60W headlights, six 50W halogen work lamps

CAB

Rollover protective structure, suspended pedals, tinted safety glass, side windows open for emergency exit, tilt/telescopic steering column.
 Push button AM/FM stereo cassette radio, dual speakers
 Heater and thermostatically controlled air conditioner
 Air suspension seat

TIRES

18.4 x 38 R1 duals
 18.4 x 38 R2 duals
 18.4 x 38 R1 duals-radials
 20.8 x 38 R1 singles
 20.8 x 38 R1 duals
 20.8 x 38 R2 duals
 20.8 x 38 R1 duals-radials
 24.5 x 32 R1 singles
 24.5 x 32 R2 singles (895, 945, 955, 975)
 24.5 x 32 R1 duals (895, 945, 955, 975)
 24.5 x 32 R2 duals (895, 945, 955, 975)
 24.5 x 32 R1 duals-radials (895, 945, 955, 975)
 30.5 x 32 R1 singles
 30.5 x 32 R2 singles

DIMENSIONS

Wheelbase: 130 in. (3,300 mm)
 Overall length: 253 in. (6,430 mm)
 Maximum operating weight:
 835: 28,000 lbs. (12,700 kg)
 875: 29,500 lbs. (13,380 kg)
 895, 945: 32,500 lbs. (14,742 kg)
 955, 975: 36,000 lbs. (16,329 kg)

MODEL—835, 875

TIRES—20.8 x 38 R1 Duals
 HEIGHT TO TOP OF CAB—126.75 in. (3,200 mm)
 WIDTH TO OUTSIDE OF TIRES—142.7 in. (3,625 mm)

MODEL—895, 945, 955, 975

TIRES—24.5 x 32 R1s Duals
 HEIGHT TO TOP OF CAB—126.75 in. (3,200 mm)
 WIDTH TO OUTSIDE OF TIRES—152 in. (3,860 mm)

Nominal turning radius to centreline of 72 in. (1,830 mm), tread: 169 in. (4,300 mm)
 Nominal turning radius to outside of 20.8 x 38 R1 duals: 835, 875: 238 in. (6,070 mm)
 Nominal turning radius to outside of 24.5 x 38 R1 singles: 895, 945, 955, 975: 216 in. (5,490 mm)

OPTIONS

835, 875: 1,000 r/min, PTO independent live
 Front no-spin differential
 All Models: Operator controlled traction differential lock
 Cat IVN convertible to Cat IIIV three-point hitch
 Quick hitch
 Cold Start aid
 Clutch decelerator (excluding 955)
 875: 16 bolt axle for extra heavy draft loads eg. laser planing

SPECIFICATIONS REFER TO ALL MODEL NUMBERS UNLESS OTHERWISE STATED.

GROUND SPEED At 2,100 r/min (24.5 x 32 R1 tires)

Forward Gears	Speed (835, 875)	Speed (895)	Speed (945, 975)	Speed (955)
1	2.6 mph (4.2 km/h)	2.6 mph (4.2 km/h)	2.7 mph (4.3 km/h)	2.3 mph (3.7 km/h)
2	3.0 mph (4.8 km/h)	3.2 mph (5.1 km/h)	3.2 mph (5.1 km/h)	2.8 mph (4.5 km/h)
3	3.5 mph (5.7 km/h)	3.7 mph (5.9 km/h)	3.7 mph (5.9 km/h)	3.3 mph (5.3 km/h)
4	4.1 mph (6.6 km/h)	4.3 mph (6.9 km/h)	4.3 mph (6.9 km/h)	4 mph (6.4 km/h)
5	4.7 mph (7.6 km/h)	5 mph (8 km/h)	5 mph (8 km/h)	4.8 mph (7.7 km/h)
6	5.5 mph (8.9 km/h)	5.8 mph (9.3 km/h)	5.8 mph (9.3 km/h)	5.7 mph (9.1 km/h)
7	6.3 mph (10 km/h)	6.7 mph (10.7 km/h)	6.7 mph (10.7 km/h)	6.7 mph (10.8 km/h)
8	7.3 mph (11.7 km/h)	7.7 mph (12.3 km/h)	7.7 mph (12.3 km/h)	8 mph (12.9 km/h)
9	9.2 mph (14.8 km/h)	9.8 mph (15.7 km/h)	9.8 mph (15.7 km/h)	9.5 mph (15.3 km/h)
10	10.7 mph (17.2 km/h)	11.3 mph (18.1 km/h)	11.3 mph (18.2 km/h)	11.4 mph (18.3 km/h)
11	12.3 mph (19.8 km/h)	13 mph (21 km/h)	13 mph (21 km/h)	13.7 mph (22 km/h)
12	14.3 mph (23 km/h)	15.2 mph (24.5 km/h)	15.2 mph (24.5 km/h)	16.2 mph (26 km/h)
Reverse				
1	3.4 mph (5.5 km/h)	3.6 mph (5.8 km/h)	3.6 mph (5.8 km/h)	2.9 mph (4.7 km/h)
2	3.9 mph (6.2 km/h)	4.1 mph (6.6 km/h)	4.1 mph (6.6 km/h)	5.9 mph (8 km/h)
3	4.5 mph (7.2 km/h)	4.8 mph (7.7 km/h)	4.8 mph (7.7 km/h)	
4	5.2 mph (8.4 km/h)	5.5 mph (8.8 km/h)	5.5 mph (8.8 km/h)	

SPECIFICATIONS