

VERSATILE



www.versatiletractors.co.nz

MFWD TRACTORS » 320-400 HP



The Versatile family of front-wheel assist tractors is designed to provide a new level of comfort, power and visibility. For over 50 years Versatile tractors have been built for reliability, durability and serviceability and the new era of tractor models continues to uphold these standards while increasing functionality and operator convenience.

MFWD OVERVIEW

- » Sloped hood increases forward visibility
- » Roomy cab with 4.22 cu. m (149 cu. ft.) of volume and improved features
- » Improved control comfort with armrest control
- » Cummins engine technology
- » Headland Management System

ENGINE

Engine Features

The QSC 8.3 and QSL 9.0 litre combine productivity and power with fuel efficiency. Using Cummins advanced in-cylinder technology, the QSC and QSL maintains performance, dependability and durability while operating cleanly and efficiently. Advanced electronics enhance engine performance, with better torque and faster throttle response. The Cummins has a history of reliability and durability in the agriculture industry, known for its cold start ability and smooth operation, including less engine noise and vibration which means less operator fatigue.

NO ADBLUE | NO DPF | NO EGR



TRANSMISSION

Upshifting and downshifting is as easy as the push of a button. Models are equipped with an Univance 16 x 9 full powershift transmission that has been refined for smooth shifting, particularly when under load. An innovative design that features large helical cut case hardened gears on roller bearings ensures the operation is durable, smooth and quiet.

HYDRAULICS

The closed center load sensing hydraulic system provides ample capacity for implements that demand high hydraulic flow by providing pressure and flow on demand. When no hydraulic power is required, the system goes into low-pressure standby to conserve energy, providing more power at the drawbar.

Electro-hydraulics are standard and are ergonomically designed for both comfort and convenience. Finger-tip controls manage the hydraulic functions and hydraulic flow is increased or decreased using the on-screen display.



COMMON COMPONENTS

- Assembled using commercially available components from industry-leading companies.
- The use of quality components limits the risk of down time.
- Individual systems and operations mean the tractor is more serviceable, reducing downtime and repair costs.



SERVICEABILITY

- The Versatile MFWD is highly serviceable which reduces downtime and ongoing costs.
- Simplified daily maintenance allows the operator to get into the field faster and reduces opportunity for component failure.



CAB

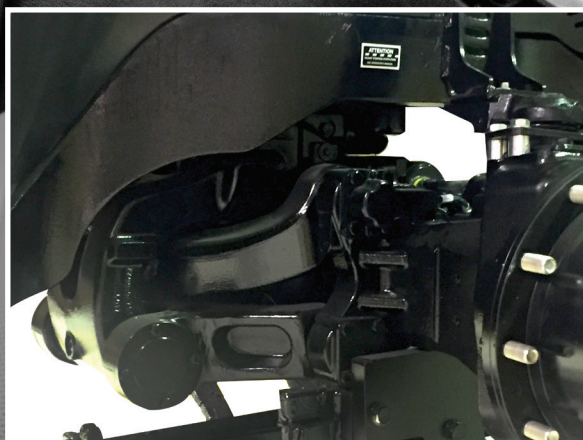
The Versatile MFWD tractors offer the largest cab in its class.

The cab interior is 26% larger than previous models with a total volume of 4.22 cu. m (149 cu. ft.). The total area of usable window glass is 6.83 sq. m (73.5 sq. ft.) offering an expansive view.

The cab and hood design also increase forward visibility over the previous generation of Versatile MFWD tractors. New eyeball air vents and floor venting have been added to increase operator comfort and reduce window fogging.

Not only is the new cab more spacious, it is also more functional. A new right-hand console provides fingertip control of all the tractors working functions.

A 17.8 cm (7") display screen, four cup holders, six 12-volt outlets, 110v AC/5-volt USB ports, and a top of the line training seat further enhance the functionality and comfort on all Versatile MFWD tractors.



FRONT AXLE SUSPENSION

- Dana Front Axle 770 / 640
- Increased front wheel traction
- Smoother ride, less driver fatigue
- Better controlled steering especially on rough ground

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	320	400
ENGINE		
Engine type	Cummins QSC	Cummins QSL
Aspiration	Turbocharged and air to air aftercooled	Turbocharged and air to air aftercooled
Displacement	8.3 litres	9.0 litres
FUEL SYSTEM		
Fuel capacity	659 L	659 L
Filter	Two stage filtration w/water separator on first stage	Two stage filtration w/water separator on first stage
ENGINE PERFORMANCE		
Peak Horsepower	322 hp	400 hp
Torque rise	35% @ 1500 RPM	33% @ 1500 RPM
Peak torque	1383 N•m	1626 N•m
TRANSMISSION		
Powershift transmission	16 forward speeds, 9 reverse	16 forward speeds, 9 reverse
Maximum speed	40 kph	40 kph
AXLES		
Front axle w/limited slip	Standard	Standard
Front axle suspension	Optional	Standard
Front axle track setting	1524 to 2235 mm	1524 to 2235 mm
Rear axle diameter	109 mm	120 mm
Rear axle track setting (w/120" axle)	1524 to 3353 mm	1524 to 3353 mm
HYDRAULICS		
Hydraulic type	Closed Center Load Sensing System	Closed Center Load Sensing System
Standard flow	208 L/min	208 L/min
Hi-Flow hydraulic system	284 L/min	273 L/min
Hydraulic remotes - Standard Flow	4 standard	4 standard
Hydraulic remotes - Hi-Flow Option	6 standard	6 standard
Maximum system pressure	197 bar	197 bar
ELECTRICAL SYSTEM		
Alternator	12V - 200 amps	12V - 200 amps
Batteries	2-12V, 950 CCA ea.	2-12V, 950 CCA ea.
Standard lights	Halogen - 2 headlights, 9 worklights, 2 front roof mounted	
DRAWBAR / 3-POINT HITCH / PTO		
3-point hitch	Category IV / N	Category IV / N
Lift capacity (800mm from ball end)	7829 kg	7829 kg
PTO	540 /1000 RPM	1000 RPM
CAB		
Volume	4.22 cu. m	4.22 cu. m
Glass	6.83 sq. m	6.83 sq. m
WEIGHTS & DIMENSIONS		
Weight, unballasted*	10,861 kg	10,984 kg
Max. operating weight	13,918 kg	16,057 kg
Wheelbase	3165 mm	3340 mm
Overall length, w/front weights	6350 mm	6375 mm
Height, top of cab*	3335 mm	3335 mm
Tyres - Standard	600/70R30 480/80R50 Duals	600/70R30 480/80R50 Duals
- Option	600/65R28 710/70R38 Duals	600/65R30 710/70R42 Duals

*w/420/90R30 & 480/80R46 - Singles