

2018 PRODUCT GUIDE

EDITION 2



This second edition of the 2018 Versatile Product Guide includes two brand new products and information on 25 Years of MFWD manufacturing expertise.

In September 1993, the first front-wheel assist tractor was assembled at the Versatile factory. Since its introduction, tens of thousands of these tractors have been distributed around the globe under several brand names. In those 25 years since the first Genesis was built, Versatile has evolved the platform – the modern front-wheel assist tractor still includes the features more requested by farmers with power, simplicity, and ease of operation. To commemorate 25 years of front wheel assist production in at the factory in Winnipeg, Versatile has produced a black Versatile 365 which will travel across North America throughout 2018. See more on Page 14.

The Versatile Fury is a high-speed compact disc (page 44). Available in widths of 25', 30', 35', and 40', this heavy-duty class of machine averages 850 lbs/ft and has excellent transport dimensions under 12' wide and 14' high. Blade options of 20", 22", 24", and 26" are designed to work at 2.5" to 5" working depth at speeds of up to 12 MPH. Radial tires provide an extremely wide footprint for maximum flotation in wet ground and minimize compaction in dry field conditions. Three finishing attachments are available. The Fury will be produced in limited quantities in 2018.

The Versatile RT520 combine (page 26) has several new features including a significantly larger and quieter cab which is 30% larger, with new styling, improved operator comfort and LED lighting that provides more than twice the illumination for better visibility after dark. New side shields and engine access make serviceability easier. The RT520 uses the rotating concave rotary system which has proven to be one of the most efficient rotary designs on the market. Other changes include a clean grain system that is 30% larger and a new feeder chain intake. The RT520 will be available in limited quantities for harvest of 2018.



NEW - 25 YEARS
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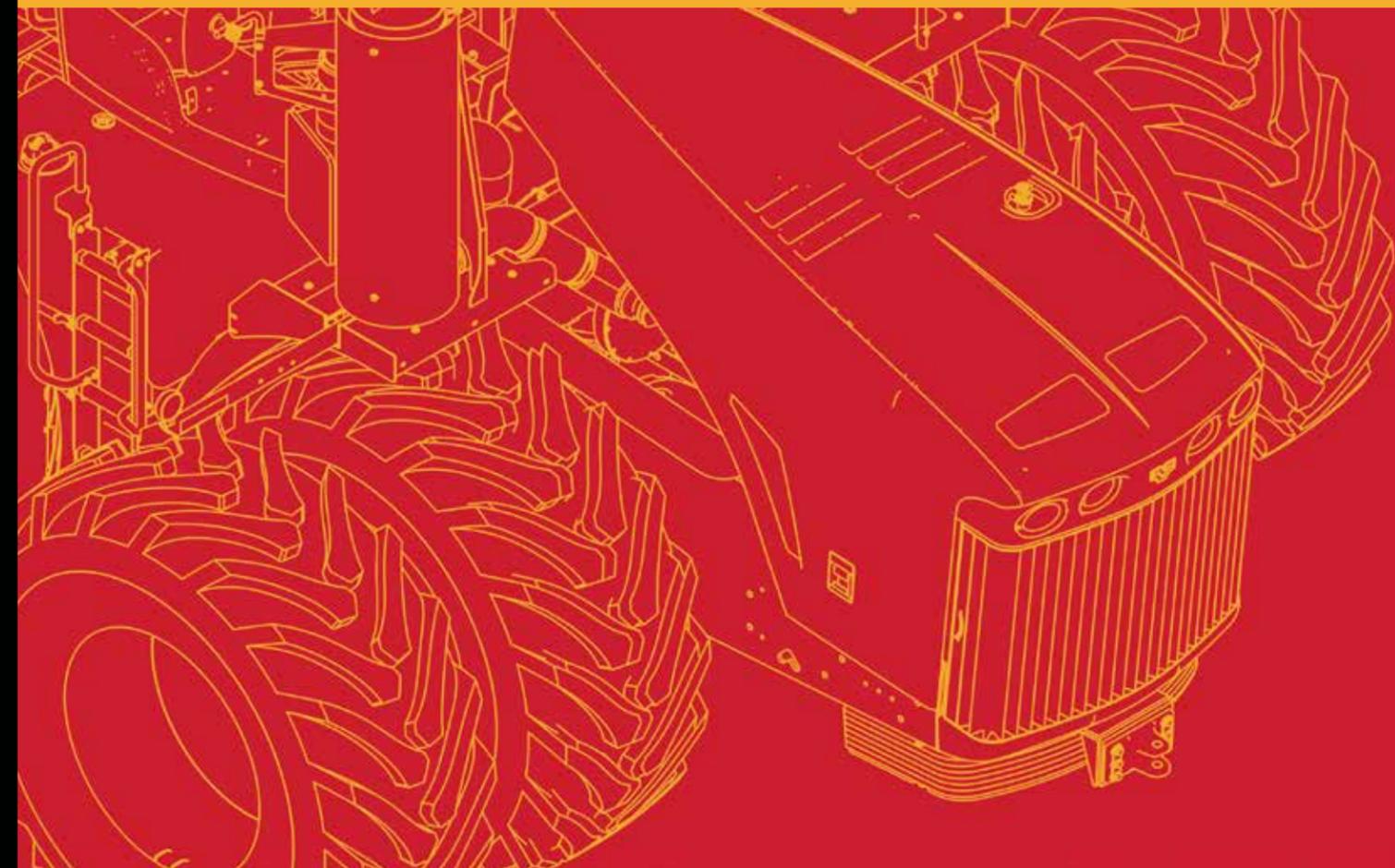
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DELTATRACK TRACTORS

Model: **520DT/570DT/610DT (Large Frame)**

IT'S MORE THAN PAINT!



IT'S A LEGACY!



WHAT ABOUT IT?

Torque optimization. That's one of the keys to success of the 2018 Versatile DeltaTrack. The engineering team at Versatile worked diligently on powertrain enhancements, including the legendary outboard planetary axles, and has delivered a new series of tractors that put more power to drawbar and more power to the ground... up to 15% more!

New models have been added, including the 610, the highest horsepower tractor ever built by Versatile! The new four-post suspended cab (standard on DT models) smooths out long days in the field, creating the best ride of any high horsepower tractor in the industry.

THE REASONS WHY!

- Tier 4 Final emissions technology
- New higher horsepower, the Versatile 610
- Increased weight
- Four-post suspended cab
- Optional engine brake
- Cummins engine, CAT transmission

LEARN MORE.

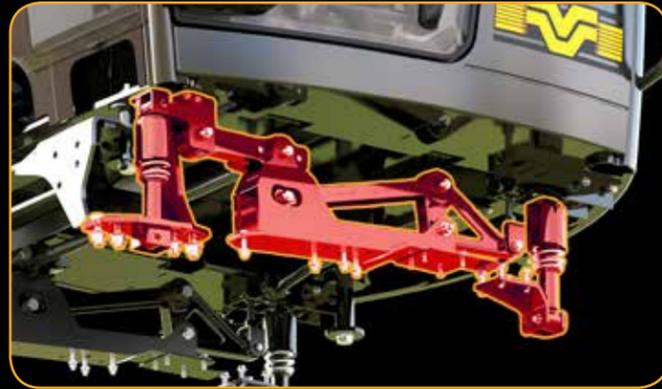


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Model: SUSPENDED CAB AND DELTATRACK SYSTEM

Model: 520DT/570DT/610DT (Large Frame)

THE BENEFITS TO HAVING A SUSPENDED CAB



The suspended cab on the DeltaTrack (optional on the 4WD), combined with the optimization of the undercarriage provides the best ride in the industry.

The suspended cab is mounted onto the four point shock and spring system that works in tandem with the tuned torque arms that reduce or eliminate pitch and roll movement.

Bringing together Versatile's double-axes bogie system (see next column) and the suspended cab gives the DeltaTrack a superior system to any track based agricultural tractor on the market.

DOUBLE AXIS BOGIE



WHY THE DELTATRACK UNDERCARRIAGE IS BETTER



The DeltaTrack uses a positive drive system to reduce friction, heat, and wear. Track slippage is eliminated by interlocking track lugs into the drive wheel. The DeltaTrack keeps 6.5 lugs engaged with the drive wheel at all times to eliminate slippage between the track and drive wheel. The DeltaTrack uses the largest drive lugs available (8-1/2") in the industry to maximize operating life.

Drive Sprocket - A large single piece cast drive sprocket provides a larger wrap angle than competitive track units to increase track life.

Idler Wheels - The large idler wheels used on the DeltaTrack improve the approach angle to reduce the risk of "submarining" in muddy conditions. The large idler wheels and track angle maximise horsepower-to-ground efficiencies.

Midrollers - The large midrollers system are not directly inline with axle or drive system components to improve the ride and service life of the tractor. Polyurethane coating dramatically reduces midroller wear and maintenance requirements compared to competitive rubber midrollers.

Double Axis Bogie - Two way oscillation provides excellent weight transfer and reduces shock loading. The DeltaTrack double axis bogie system also offers a smooth ride over diverse field conditions.

	520DT	570DT	610DT
ENGINE			
Engine type	Cummins QSX15 T4F		
Aspiration	Turbocharged & air-to-air aftercooled		
Displacement	14.9-liter (909 cid)	14.9-liter (909 cid)	14.9-liter (909 cid)
Horsepower	520 hp (387 kW)	570 hp (425 kW)	605 hp (455 kW)
Power bulge	11% @ 1800 RPM	10% @ 1800 RPM	7% @ 1800 RPM
Peak horsepower	572 hp (427 kW)	626 hp (467 kW)	650 hp (485 kW)
Torque rise	51% @ 1400 RPM	48% @ 1400 RPM	49% @ 1400 RPM
Peak torque	1700 lb-ft (2305 N-m)	1850 lb-ft (2508 N-m)	2050 lb-ft (2779 N-m)
FUEL SYSTEM			
Capacity	462 U.S. gal (1749 L)		
Filter	Engine mounted w/water separator		
DEF Tank	91L (24 U.S. gal) - Usable		
TRANSMISSION			
Powershift transmission	CAT 16 x 4 - 20.6 mph (33.9 km/hr) road speed		
AXLES			
Versatile Outboard Planetary Axles	Heavy-duty		
Differential lock	Optional	Standard	
Brakes	Dual Hydraulic Self-Adjusting Disc Brakes Front & Rear Axle		
Wheelbase	154" (3900 mm)		
HYDRAULICS			
Hydraulic type	Closed Center Load Sensing System		
Standard flow	53 GPM (201 L/min)		
Hi-Flow hydraulic system	106 GPM (401 L/min)		
Hydraulic remotes	4 standard, 6 optional		
Maximum system pressure	2900 PSI (197 bar)		
ELECTRICAL SYSTEM			
Alternator	12V - 200 amps		
Batteries	3-12V, 1000 CCA ea.		
LED lighting / Power mirrors	Optional / Optional		
DRAWBAR			
Vertical load rating	9,000 lb (4082 kg)		
Vertical load rating w/heavy-duty drawbar support	12,000 lb (5443 kg)		
CAT V drawbar rating (optional)	15,000 lb (6,804 kg) / 2.75" (70 mm) pin		
Hitch pin diameter (w/auto drop)	2" (51 mm)		
Quick hitch	Optional		
3-point hitch	CAT IV		
PTO	1000 rpm 1.75 shaft		
CAB			
Volume	175.5 cu. ft. (4.97 cu. m)		
Glass	85.9 sq. ft. (8 sq. m)		
Suspended (Passive 4 post)	Cab Pitch:<0.5~ @0.6 G's, Cab Roll:<1~ @0.6 G's, Vertical Suspension Travel:+/-50mm		
TRACKS			
30" and 36" tracks	Camso 6500 Series		
WEIGHTS			
Base tractor weight*	58,850 lb (26,694 kg)		
Recommended operating GVW	61,000 lb (27,669 kg)		
*A standard drawbar, no fuel, no operator, no special added equipment and no ballast.			

4WD TRACTORS

Model: **520/570/610 (Large Frame)**



IT'S MORE THAN PAINT!



IT'S A LEGACY!



WHAT ABOUT IT?

Versatile was the first company to mass produce articulated four-wheel drive tractors, starting back in 1966. With more than five decades of continuous tractor production, Versatile tractors are designed to be simple to operate and easy to maintain and service.

Known around the world for durability and reliability, Versatile four-wheel drives use industry-leading suppliers to ensure the best performance with the least amount of downtime. Cummins is the exclusive engine supplier for Versatile, a successful partnership that has been growing for more than 50 years.

THE REASONS WHY!

- Simple to operate, easy to service and maintain
- Highly efficient and robust drawbar pull
- Cummins engine, CAT transmission
- Largest cab in the industry (suspended cab available)
- Heavy-duty frame
- Commercial components sourced from industry-leading companies

LEARN MORE.



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Model: **ALL MODELS**



1. SIMPLE TO USE



- Proven outboard planetary axles allow for easy service and extended life.
- Tractor control functions are intuitive and important information is understandable at a glance.
- Common controls between tractor models.
- User-friendly design means less training, reduced chance for error resulting in higher profitability.

4. LARGEST CAB IN THE INDUSTRY



- Excellent 360 degree visibility.
- Available heated and ventilated seat.
- Directional heating/cooling vents.
- Easy to read displays.
- Intuitive controls.

2. EFFICIENT DRAWBAR PULL



- Well ballasted tractor design.
- Powertrain designed for efficient engine-to-ground power transfer.
- Available Category V drawbar has a 15000 lbs (6804 kg) vertical load capacity.
- Drawbar pull from the center of the tractor maximizes the transfer of power to the ground.

5. HEAVY-DUTY FRAME



- Designed to excel in all work environments.
- Operator confidence in the toughest jobs.
- Unmatched ground clearance.

3. TRANSMISSION AND ENGINE



Engine

- Industry-leading power bulge and torque rise.
- Variable Geometry Turbo for fast response and power on demand.

Transmission

- 40-80% larger in size and weight than the competition.
- Programmable transmission settings.
- Quick, smooth auto-modulated shifting when needed.

6. COMMON COMPONENTS



- The use of high quality components provide peace of mind that each system is reliable.
- High quality components have been proven to last longer with less risk of failure.
- Individual systems and operations mean the tractor is more serviceable, reducing downtime and repair costs.

HAVE YOU CONSIDERED?

● LOW COMMODITY PRICES

Maximizing profits is not only about yield, it goes all the way through the farming process including operational costs. Versatile tractors maximize pulling power at a lower RPM due to torque rise and power bulge, resulting in more efficient operation and reduced fuel consumption. Versatile offers competitive prices with excellent resale value.

● LIMITED FARM LABOUR AVAILABLE

It can be difficult finding farm labour these days, so when you do, you want to know that they can quickly adapt to the job at hand. Versatile tractors minimize the learning curve for new users with logical, reliable controls that are simple to operate.

It takes less time to train new staff on tractor function and operation. Daily maintenance is easy with accessible service points and sight gauges.

● LARGER FARMS HAVE TO GET MORE WORK DONE IN SHORTER TIME FRAMES

Other than weather and commodity prices, one of the biggest concerns for modern agriculture operations is efficiency. Versatile tractors are known world-wide for durability and reliability due to the use of common components and design simplicity, resulting in less downtime. Daily and regular maintenance can be completed in a fraction of the time because of this design simplicity.

The power and torque from the Cummins engine and enhancements to the Versatile powertrain mean peak performance at lower RPM's, resulting in more efficient operation and a reduction in operating costs.

GET THE SPECS



Model: 380/405/430/460 (Narrow Frame)

Model: 520/570/610 (Large Frame)

	380	405	430	460
ENGINE				
Engine type	Cummins QSG 12			
Aspiration	Turbocharged & air-to-air aftercooled			
Displacement	11.8-liter (720 cid)			
Horsepower	375 hp (280 kW)	400 hp (298 kW)	430 hp (320 kW)	460 hp (343 kW)
Power bulge	11% @ 1800 RPM	13% @ 1800 RPM	11% @ 1800 RPM	11% @ 1800 RPM
Peak horsepower	415 hp (309 kW)	450 hp (336 kW)	475 hp (354 kW)	512 hp (382 kW)
Torque rise	55% @ 1400 RPM	60% @ 1400 RPM	51% @ 1400 RPM	51% @ 1400 RPM
Peak torque	1450 lb-ft (1966 N-m)	1600 lb-ft (2169 N-m)	1693 lb-ft (2296 N-m)	1696 lb-ft (2300 N-m)
FUEL SYSTEM				
Capacity	250 US gal (946 L)			
Filter	Engine mounted w/water separator			
DEF Tank	95 L (25 Gal)			
TRANSMISSION				
Powershift transmission	CAT 16 x 4 - 22 mph (35 km/hr) road speed			
AXLES				
Versatile Outboard Planetary Axles	Heavy-duty			
Differential lock	Optional			
Brakes	Dual Hydraulic Self-Adjusting Disc Brakes Front & Rear Axle			
Wheelbase	135" (3429 mm)			
HYDRAULICS				
Hydraulic type	Closed Center Load Sensing System			
Standard flow	53 GPM (201 L/min)			
Hi-Flow hydraulic system	106 GPM (401 L/min)			
Hydraulic remotes	4 standard, 6 optional			
Maximum system pressure	2900 PSI (197 bar)			
ELECTRICAL SYSTEM				
Alternator	12V - 200 amps			
Batteries	3-12V, 1000 CCA ea.			
LED lighting / Power mirrors	Optional / Optional			
Battery shut-off switch	Standard			
DRAWBAR				
Vertical load rating	6,000 lb (2,722 kg)			
Vertical load rating w/heavy-duty drawbar support	9,000 lb (4,082 kg)			
Hitch pin diameter (w/auto drop)	2" (51 mm)			
Quick hitch	Optional			
3-point hitch	Category IVN / III			
PTO	1000 RPM, 1-3/4 shaft			
CAB				
Volume	175.5 cu. ft. (4.97 cu. m)			
Glass	85.9 sq. ft. (8 sq. m)			
WEIGHTS				
Base tractor weight	31,500 lb (14,288 kg)			
Max. operating weight	38,000 lb (17,236 kg)	40,000 lb (18,144 kg)	43,000 lb (19,504 kg)	46,000 lb (20,865 kg)

	520	570	610
ENGINE			
Engine type	Cummins QSX15 T4F		
Aspiration	Turbocharged & air-to-air aftercooled		
Displacement	14.9-liter (909 cid)		
Horsepower	520 hp (387 kW)	570 hp (425 kW)	605 hp (455 kW)
Power bulge	11% @ 1800 RPM	10% @ 1800 RPM	7% @ 1800 RPM
Peak horsepower	572 hp (427 kW)	626 hp (467 kW)	650 hp (485 kW)
Torque rise	51% @ 1400 RPM	48% @ 1400 RPM	49% @ 1400 RPM
Peak torque	1700 lb-ft (2305 N-m)	1850 lb-ft (2508 N-m)	2050 lb-ft (2779 N-m)
FUEL SYSTEM			
Capacity	343 U.S gal (1298 L)		
Filter	Engine mounted w/water separator		
DEF Tank	35 U.S. gal (132L)		
TRANSMISSION			
Powershift transmission	CAT 16 x 4 - 23.5 mph (40 km/hr) road speed		
AXLES			
Versatile Outboard Planetary Axles	Heavy-duty		
Differential lock	Optional		Standard
Brakes	Dual Hydraulic Self-Adjusting Disc Brakes Front & Rear Axle		
Wheelbase	154" (3900 mm)		
HYDRAULICS			
Hydraulic type	Closed Center Load Sensing System		
Standard flow	53 GPM (201 L/min)		
Hi-Flow hydraulic system	106 GPM (401 L/min)		
Hydraulic remotes	4 standard, 6 optional		
Maximum system pressure	2900 PSI (197 bar)		
ELECTRICAL SYSTEM			
Alternator	12V - 200 amps		
Batteries	3-12V, 1000 CCA ea.		
LED lighting / Power mirrors	Optional / Optional		
Battery shut-off switch	Standard		
DRAWBAR			
Vertical load rating	9,000 lb (4082 kg)		
Vertical load rating w/heavy-duty drawbar support	12,000 lb (5,443 kg)		
CAT V drawbar rating (optional)	15,000 lb (6,804 kg) / 2.75" (70 mm) pin		
Hitch pin diameter (w/auto drop)	2" (51 mm)		
Quick hitch	Optional		
3-point hitch	Category IV		
PTO	1000 RPM, 1-3/4 shaft		
CAB			
Volume	175.5 cu. ft. (4.97 cu. m)		
Glass	85.9 sq. ft. (8 sq. m)		
WEIGHTS			
Base tractor weight	42,000 lb (19,051 kg)		
Max. operating weight	52,000 lb (23,587 kg)	57,000 lb (25,855 kg)	61,000 lb (27,669 kg)

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