FENDT 1100 VARIO MT GEN2 SERIES

FENDT®



THE 1100 VARIO MT GEN2 SERIES.
THE BIGGEST AND BEST
JUST GOT BETTER.

The new Fendt 1100 Vario MT Gen 2 Series ramps up the power, performance and comfort of the largest, most powerful tracked tractors that have the seamless, intuitive Fendt VarioDrive™. From 521 to 680 HP, they tackle the largest jobs with ease.

- **New cab with FendtONE™ workstation, UltraVision lighting.**
- **Improved implement control.**
- **SmartRide+ suspension and level control.**

FENDT 1100 VARIO MT GEN2 SERIES SPOTLIGHTS

- **From 521 to 680 HP.** Powered by MAN 6-cylinder engines, the four new 1100 Vario MT models deliver power using less fuel, thanks to the Fendt iD™ low engine speed concept.
- **Intelligent VarioDrive Drivetrain.** Seamless, intuitive transmission operation from 65 ft. per hour to 25 mph for unmatched efficiency and comfort. Updated gear ratio to put 45 more HP through on the Model 1167 MT.
- **All-New FendtONE™ Cab.** New cab improves operator comfort and efficiency with familiar, high-class Fendt features and FendtONE™ Workstation Technology. Customize the FendtONE system to fit your operation and way of working with up to two 12-inch in-cab monitors, the multi-function joystick and more.
- **Improved Implement Control.** Optional hydraulically controlled drawbar improves pulling performance with four modes, including new mode linking the drawbar swivel angle to the tractor steering angle.
- **360° LED Lighting with UltraVision.** All-new CAN-based lighting system delivers up to 87,300 lumens in customizable work-light profiles for full visibility during field work, day or night.
- **SmartRide+ Suspension.** Optional load-leveling suspension system uses hydraulic cylinders in the hardbar suspension to raise and lower the front end of the machine for better weight distribution to improve traction, ride and overall performance.
- **Mobil-Trac™ System.** Pivoting midwheels and 11 degrees of track-to-track oscillation provide greater traction, reduced slip, optimum soil conservation and a better ride, no matter the terrain.

SPECIFICATIONS

Engine	1151 Vario	1156 Vario	1162 Vario	1167 Vario
Constant power ECE R 120 at 1,700 RPM (HP / kW)	521 / 383	571 / 420	625 / 460	680 / 500
No. of cylinders/cylinder bore X stroke	6 @ 5.43 in. (138 mm) X 6.69 in. (170 mm)			6 @ 5.59 in. (142 mm) X 6.69 in. (170 mm)
Displacement	931 cu. in. / 15.256 L			986 cu. in. / 16.154 L
Rated engine speed	1,700 rpm			
Max. torque (@ 1,450 RPM)	1,844 ft lb / 2,500 Nm	1,991 ft lb / 2,700 Nm	2,139 ft lb / 2,900 Nm	2,286 ft lb / 3,100 Nm
Torque rise (based on 1,700 RPM)	10%	12%	14%	16%
Tank capacity	Fuel tank: 361.2 gal / 1,370 L • AdBlue tank: 37.2 gal / 141 L			
Oil change interval	500 operating hours			
Transmission / PTO				
Transmission type / model	VarioDrive Drivetrain / TA 400T			
Speed ranges	Forward -- 65 ft./hr. (.012 mph) to 25 mph / 0.02 km/h to 40 km/h Reverse -- 65 ft./hr. (.012 mph) to 9 mph / 0.02 km/h to 14.5 km/h			
Max. speed	25 mph / 40 km/h			
Rear PTO (Optional)	1000 / 1000E			
Engine speed for rear PTO (PTO rpm @ engine rpm)	1,000 @ 1,614 / 1,000E @ 1,255 / 1,300 @ 1,631			
Engine speed at 25 mph / 40 km/h	1,550 rpm			
Hydraulics				
Variable displacement pump	58.1 gpm / 220 L/min			
Variable displacement pump, Option 1	116 gpm / 220 + 220 L/min			
Working pressure/set pressure	2,900 psi / 200 bar			
Max hydraulic valves (front/center/rear)	0 / 0 / 8			
Max. hydraulic oil capacity/Flow rate of all control valves	22 gal / 83 L • 37 gpm / 140 L/min			
3-Point				
Type	Steerable 3-point			
Continuous lifting capacity of the rear power lift according to OECD (24 in / 610 mm behind the coupling point)	20,000 lbs / 9,072 kg			
Electrical Equipment				
Battery capacity	3 x 12 V / 77 Ah			
Three-phase alternator	12 V / 325 A			
Max. current capacity of ISOBUS socket	60 A (ISOBUS relay) + 25 A (terminal)			
Weights/Dimensions				
Empty weight (base tractor with cab, full tanks, no driver)	43,500 lbs / 19,731 kg			
Max. permissible overall weight	59,000 lbs / 26,762 kg			
Overall length	266 in / 6,758 mm			
Overall width at axle	141.8 in / 3,601 mm			
Total height of cab with Fendt Guide	141 in / 3,589 mm			
Max. ground clearance	14.1 in / 359 mm			
Wheelbase (drive wheel to guide wheel)	118 in / 3,000 mm			

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