

Standard and optional equipment

Standard: ■

Optional: □

FENDT 1000 VARIO

Equipment variants.*

	Power+	Profi	Profi+
Engine			
Reversible fan	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Fuel pre-filter (heated)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Preheater unit (engine, transmission, hydraulic oil)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Exhaust brake	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Transmission			
VarioDrive with variable torque distribution between the front and rear axle	■	■	■
Shuttle function, stop-and-go function	■	■	■
Acoustic signal when reversing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Guidance system			
Guidance system basic package	■		■
Standard Trimble / NovAtel	<input type="checkbox"/>		<input type="checkbox"/>
RTK Trimble / NovAtel	<input type="checkbox"/>		<input type="checkbox"/>
TI Headland (TI Auto & TI Turn)			<input type="checkbox"/>
Contour Assistant	<input type="checkbox"/>		<input type="checkbox"/>
Agronomy			
Agronomy basic package	<input type="checkbox"/>		■
Telemetry			
Telemetry basic package	<input type="checkbox"/>	<input type="checkbox"/>	■
Smart Connect			<input type="checkbox"/>
Machine control			
Machine control basic package (ISOBUS)	■	■	■
Section Control (SC)	<input type="checkbox"/>		<input type="checkbox"/>
Variable Rate Control (VRC)	<input type="checkbox"/>		<input type="checkbox"/>
Vario operation			
Multi-function joystick with cruise control, engine speed memory, automatic modes, controls for hydraulics	■	■	■
3L joystick	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Individual Operation Manager – flexible key assignment	■	■	■
Digital Dashboard	■	■	■
12" terminal with touchscreen and key control	■	■	■
Second 12" terminal in roof		<input type="checkbox"/>	<input type="checkbox"/>
Electronic immobiliser	■	■	■
Without immobiliser	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

	Power+	Profi	Profi+
Cab			
Mechanical cab suspension	■	■	■
Pneumatic cab suspension, 4-point with integral self-levelling	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Super Comfort Seat, air sprung	■	■	■
Super comfort seat Evolution dynamic / CA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Super Comfort Seat Evolution active DuMo leather/CA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Super Comfort Seat Evolution dynamic DuMo/CA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Comfort instructor seat	■	■	■
Integrated automatic climate control	■	■	■
Front windscreen laminated safety glass, heated	■	■	■
Rear window heated	■	■	■
300°-front windscreen wipers (with continuous windscreen)	■	■	■
Rear window wash/wipe	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Side window wash/wipe system right	■	■	■
Infotainment package	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Infotainment bundle + 4.1 sound system		<input type="checkbox"/>	<input type="checkbox"/>
EC tachograph standard	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Fendt Reaction steering system	■	■	■
Radar sensor	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Reverse drive control	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cool box	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

	Power+	Profi	Profi+
Lighting			
Auxiliary LED lights at front	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3rd brake light	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
LED rotating beacons	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

	Power+	Profi	Profi+
Chassis			
FSC Fendt Stability Control	■	■	■
Single wheel suspension front axle	■	■	■
Pneumatic high-speed dual-circuit braking system 1 pedal	■	■	■
Pneumatic high-speed dual-circuit braking system 2 pedal	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Electro-pneumatic handbrake	■	■	■
Electro-pneumatic handbrake (handbrake assist)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Automatic trailer steering axle lock	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
VarioGrip tyre pressure regulation system	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

	Power+	Profi	Profi+
4WD / differential locks			
Smart 4-wheel drive	■	■	■
Rear / front differential with 100% disc locking and steering angle sensors	■	■	■

	Power+	Profi	Profi+
Power lift			
Tractive power and stepless mixed control	■		■
Single-action Comfort front power lift with position adjustment and external controls	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Comfort front power lift da, with position control and relief control, external controls	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
No rear power lift	■	■	■
Electrohydraulic power lift da (EHR), with external controls	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Lower link tail arrester cat. 4	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

	Power+	Profi	Profi+
PTO			
Rear: Flanged PTO 1000/1000E/1300 rpm	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
External controls for rear PTO	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

	Power+	Profi	Profi+
Hydraulics			
External control for hydraulic control unit at rear	■	■	■
Load sensing system with axial piston pump (165 l/min)	■	■	■
Load sensing system with axial piston pump (220 l/min)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Load sensing system with 2 axial piston pumps (220+210 l/min)		<input type="checkbox"/>	<input type="checkbox"/>
Hydraulic power beyond connection	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Return rear	■	■	■
Unpressurised rear return flow	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
FFC flat-gasket rear hydraulic couplings	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Double connect-under-pressure lever couplings rear	■	■	■
CUP coupling rear	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Bio hydraulic oil	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

	Power+	Profi	Profi+
Additional equipment			
Automatic trailer hitch with remote control, rear	■	■	■
Ball coupling, height adjustable	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Ball coupling, short, in the bottom hitch	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Ball coupling, long, in the bottom hitch	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Hitch	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Drawbar	■	■	■
Piton-fix	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Comfort ballast for front-end weight (not available with front power lift)	■	■	■
Wheel weights, rear wheels	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Forced steering (one or two-sided)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Wide vehicle marker	■	■	■

FENDT 1000 VARIO

Technical specifications.

		1038 Vario	1042 Vario	1046 Vario	1050 Vario
Engine					
Rated power ECE R 120	kW/hp	291/396	320/435	350/476	380/517
Maximum power ECE R 120	kW/hp	291/396	320/435	350/476	380/517
Constant power ECE R 120 from 1500 rpm to 1700 rpm	kW/hp	291/396	320/435	350/476	380/517
No. of cylinders	number	6	6	6	6
Cylinder bore/stroke	mm	126/166	126/166	126/166	126/166
Cubic capacity	cm³	12419	12419	12419	12419
Rated speed	rpm	1700	1700	1700	1700
Max. torque at 1100-1500 rpm	Nm	1910	2108	2305	2420
Torque rise	%	17.0	17.0	17.0	13.0
Fuel level	litres	740.0	740.0	740.0	740.0
AdBlue tank	litres	84.0	84.0	84.0	84.0
Constant power range	rpm	1500 - 1700	1500 - 1700	1500 - 1700	1500 - 1700
Transmission and PTO					
Transmission type		TA 400	TA 400	TA 400	TA 400
Speed range forward	km/h	0,02-60	0,02-60	0,02-60	0,02-60
Speed range reverse	km/h	0,02-33	0,02-33	0,02-33	0,02-33
Top speed	km/h	60	60	60	60
Rear PTO option		1000/1000E/1300	1000/1000E/1300	1000/1000E/1300	1000/1000E/1300
Power lift and hydraulics					
Variable flow pump	l/min	165	165	165	165
Variable flow pump option 1	l/min	220	220	220	220
Variable flow pump option 2	l/min	220+210	220+210	220+210	220+210
Working pressure / control pressure	bar	200	200	200	200
Max. valves (front/centre/rear) Profi / Profi+	Number	1/0/6	1/0/6	1/0/6	1/0/6
Max. available hydraulic oil volume	litres	100	100	100	100
Max. lift capacity of rear power lift	daN	12920	12920	12920	12920
Max. lift capacity of front power lift	daN	5584	5584	5584	5584

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Tyres				
Front tyres (standard)	650/60R38	650/65R38	650/65R38	650/65R38
Standard tyres rear	750/70R44	750/75R46	750/75R46	750/75R46
1st option for front tyres	650/65R38	710/60R38	710/60R38	710/60R38
1st option for rear tyres	750/75R46	900/65R46	900/65R46	900/65R46

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Dimensions				
Front track width (standard tyres)	mm	2100	2100	2100
Rear track width (standard tyres)	mm	2000	2000	2000
Overall width with standard tyres	mm	2750	2750	2750
Overall length	mm	6350	6350	6350
Total height of driver's cab with standard tyres with Fendt Guide	mm	3506	3606	3606
Max. ground clearance	mm	600	600	600
Wheelbase	mm	3300	3300	3300

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Weights				
Unladen weight (base tractor with cab - full tanks, without driver)	kg	14000.0	14000.0	14000.0
Max. permissible overall weight up to 40 km/h country-specific exception approval required	kg	23000.0	23000.0	23000.0
Max. permissible overall weight up to 50 km/h country-specific exception approval required	kg	21000.0	21000.0	21000.0
Max. permissible overall weight up to 60km/h	kg	18000.0	18000.0	18000.0
Max. trailer hitch load	kg	2000.0	2000.0	2000.0

* Please refer to the Settings for equipment variants