

Standard and optional equipment
 Standard: ■
 Optional: □

FENDT 1000 VARIO

Equipment variants.

	PowerPlus	Profi	ProfiPlus
Engine			
Reversible fan	□	□	□
Fuel pre-filter (heated)	□	□	□
Preheater unit (engine, transmission, hydraulic oil)	□	□	□
Exhaust brake	□	□	□
Transmission			
VarioDrive with variable torque distribution between the front and rear axle	■	■	■
Shuttle function, stop-and-go function	■	■	■
Acoustic signal when reversing	□	□	□
Guidance system			
Guidance system basic package	■		■
Standard Trimble / NovAtel	□		□
RTK Trimble / NovAtel	□		□
Contour Assistant			□
Agronomy			
Agronomy basic package			■
Telemetry			
Telemetry basic package	□	□	■
Smart Connect			□
Machine control			
Machine control basic package (ISOBUS)	■	■	■
Section Control (SC)			□
Variable Rate Control (VRC)			□
Vario operation			
Speed control lever with cruise control and engine speed memory, automatic modes	■		
Multi-function joystick with cruise control, engine speed memory, automatic modes, controls for hydraulics		■	■
Varioterminal 7" with touchscreen and key control	■	■	
Varioterminal 10.4" with touchscreen and key control		□	■
AGCO Connectivity Module (ACM)	□	□	■
Electronic immobiliser	■	■	■
Without immobiliser	□	□	□
Cab			
Mechanical cab suspension	■	■	■
Pneumatic cab suspension, 4-point with integral self-levelling	□	□	□
Super Comfort Seat, air sprung	■	■	■
Super comfort seat Evolution dynamic / CA	□	□	□
Super Comfort Seat Evolution active DuMo leather/CA	□	□	□
Super Comfort Seat Evolution dynamic DuMo/CA	□	□	□
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	■	■	■
Side window wash/wipe system right	■	■	■
Radio CD MP3	□		
Radio CD MP3 hands-free speaking system	□		
Infotainment package		□	□
Infotainment bundle + 4.1 sound system		□	□
EC tachograph standard	□	□	□
Fendt Reaction steering system	■	■	■
Radar sensor	□	□	□
Reverse drive control	□	□	□
Cool box	□	□	□

Lighting

	PowerPlus	Profi	ProfiPlus
Auxiliary LED lights at front	□	□	□
3. Brake lights	□	□	□

Chassis

	PowerPlus	Profi	ProfiPlus
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	□	□	□
Electro-pneumatic handbrake	■	■	■
Electro-pneumatic handbrake (handbrake assist)	□	□	□
Automatic trailer steering axle lock	□	□	□
VarioGrip tyre pressure regulation system	□	□	□
Grip Assistant	■	■	■

4WD

	PowerPlus	Profi	ProfiPlus
Smart 4-wheel drive	■	■	■
Rear / front differential with 100% disc locking and steering angle sensors	■	■	■

Power lift

	PowerPlus	Profi	ProfiPlus
Tractive power and stepless mixed control	■		■
Single-action Comfort front power lift with position adjustment and external controls	□	□	□
Comfort front power lift da, with position control and relief control, external controls	□	□	□
No rear power lift	■	■	■
Electrohydraulic power lift da (EHR), with external controls	□	□	□
Lower link tail arrester cat. 4	□	□	□

PTO

	PowerPlus	Profi	ProfiPlus
Rear: Flanged PTO 1,000/1.000E/1,300 rpm	□	□	□
External controls for rear PTO	□	□	□

Hydraulics

	PowerPlus	Profi	ProfiPlus
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)	□	□	□
Load sensing system with 2 axial piston pumps (220+210 l/min)		□	□
Hydraulic power beyond connection	□	□	□
Return rear	■	■	■
Unpressurised rear return flow	□	□	□
FFC flat-gasket rear hydraulic couplings	□	□	□
Double connect-under-pressure lever couplings rear	■	■	■
CUP coupling rear	□	□	□
Bio hydraulic oil	□	□	□

Additional equipment

	PowerPlus	Profi	ProfiPlus
Automatic trailer hitch with remote control, rear	■	■	■
Ball coupling, height adjustable	□	□	□
Ball coupling, short, in the bottom hitch	□	□	□
Ball coupling, long, in the bottom hitch	□	□	□
Hitch	□	□	□
Drawbar	■	■	■
Piton-fix	□	□	□
Comfort ballast for front-end weight (not available with front power lift)	■	■	■
Wheel weights, rear wheels	□	□	□
Forced steering (one or two-sided)	□	□	□
Wide vehicle marker	■	■	■
ABS trailer sockets	□	□	□

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	800.0	800.0	800.0	800.0
AdBlue tank	litres	85.0	85.0	85.0	85.0
Constant power range	rpm	1500 - 1700	1500 - 1700	1500 - 1700	1500 - 1700

Transmission and PTO

		TA 400	TA 400	TA 400	TA 400
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

		1038 Vario	1042 Vario	1046 Vario	1050 Vario
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) Power Plus	Number	1/0/6	1/0/6	1/0/6	1/0/6
Max. valves (front/centre/rear) Profi / Profi Plus	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

Tyres

	1038 Vario	1042 Vario	1046 Vario	1050 Vario
Front tyres (standard)	650/65R34	650/65R38	650/65R38	650/65R38
Standard tyres rear	710/75R42	750/75R46	750/75R46	750/75R46
1. Optional front tyres	650/65R38	710/60R38	710/60R38	710/60R38
1. Optional rear tyres	750/75R46	900/65R46	900/65R46	900/65R46

Dimensions

		1038 Vario	1042 Vario	1046 Vario	1050 Vario
Front track width (standard tyres)	mm	2100	2100	2100	2100
Rear track width (standard tyres)	mm	2000	2000	2000	2000
Overall width with standard tyres	mm	2750	2750	2750	2750
Overall length	mm	6350	6350	6350	6350
Overall cab height with standard tyres without VarioGuide	mm	3470	3570	3570	3570
Overall cab height with standard tyres with VarioGuide	mm	3506	3606	3606	3606
Max. ground clearance	mm	600	600	600	600
Wheelbase	mm	3300	3300	3300	3300

Weights

		1038 Vario	1042 Vario	1046 Vario	1050 Vario
Unladen weight (base tractor with cab - full tanks, without driver)	kg	14000.0	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	23000.0
Max. permissible overall weight up to 50 km/h country-specific exception approval required	kg	21000.0	21000.0	21000.0	21000.0
Max. permissible overall weight up to 60km/h	kg	18000.0	18000.0	18000.0	18000.0
Max. trailer hitch load	kg	2000.0	2000.0	2000.0	2000.0