

FENDT 800 VARIO

Equipment variants.

Standard and optional equipment
 Standard: ■
 Optional: □

	Power	PowerPlus	Profi	ProfiPlus
Engine				
Reversible fan	□	□	□	□
Fuel pre-filter (heated)	□	□	□	□
Preheater unit (engine, transmission, hydraulic oil)	□	□	□	□
Exhaust brake	□	□	□	□

	Power	PowerPlus	Profi	ProfiPlus
Transmission				
Shuttle function, stop-and-go function	■	■	■	■
Acoustic signal when reversing	□	□	□	□

	Power	PowerPlus	Profi	ProfiPlus
Vario operation				
Speed control lever with cruise control and engine speed memory	■	■		
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			□	■
Machine control basic package (ISOBUS)	□	■	■	■
Variotronic TM - Headland Management System			■	■
Guidance system VarioGuide NovAtel / Trimble		□		□
VarioDoc - documentation system (only with Varioterminal 10.4")			□	■
Agronomy basic package				■
SectionControl (SC)				□
VariableRateControl (VRC)				□
Electronic immobiliser	■	■	■	■
Without immobiliser	□	□	□	□

	Power	PowerPlus	Profi	ProfiPlus
Cab				
Active charcoal filter	□	□	□	□
Mechanical cab suspension	■	■	■	■
Pneumatic cab suspension, 3-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 active DuMo/CA	□	□	□	□
Super Comfort Seat Evolution dynamic DuMo/CA	□	□	□	□
Super Comfort Seat Evolution dynamic DuMo leather / CA		□	□	□
Comfort instructor seat	□	□	□	□
Integrated automatic climate control	■	■	■	■
Front windscreen laminated safety glass, heated	□	□	□	□
Rear window heated	□	□	□	□
Roller shade rear	□	□	□	□
270°-front windscreen wipers (with continuous windscreen)	■	■	■	■
Rear window wash/wipe	□	□	□	□
Radio mounting kit with two stereo speakers	■	■	■	■
Radio CD MP3	□	□	□	□
Radio CD MP3 hands-free speaking system	□	□	□	□
EC tachograph	□	□	□	□
Fendt Reaction steering system	■	■	■	■
Radar sensor	□	□	□	□
Reverse drive control	□	□	□	□
Cool box	□	□	□	□

	Power	PowerPlus	Profi	ProfiPlus
Chassis				
FSC Fendt Stability Control	□	□	□	□
Front axle suspension, +/- 60 mm suspension travel	■	■	■	■
Steering brake	□	□	□	□
Single-circuit braking system 1 pedal	■	■	■	■
Single-circuit braking system, 2 pedals and steering clutch brake	□	□	□	□
Dual-circuit braking system with FSC Fendt Stability Control			□	□
Automatic trailer steering axle lock	□	□	□	□
Compressed air Duomatic coupling	□	□	□	□
VarioGrip tyre pressure regulation system	□	□	□	□

	Power	PowerPlus	Profi	ProfiPlus
4WD / differential locks				
Rear / front differential with 100% disc locking and steering angle sensors	■	■	■	■

	Power	PowerPlus	Profi	ProfiPlus
Power lift				
Sa front power lift, with external control (separate valve)	□	□	□	□
Comfort front power lift da, with position control, external controls			□	□
Comfort front power lift da, with position control and relief control, external controls			□	□
Hydraulic lower link lateral stabiliser	□	□	□	□
Lower link tail arrester cat. 4	□	□	□	□

	Power	PowerPlus	Profi	ProfiPlus
PTO				
Front: 1000 rpm	□	□	□	□
Rear: Flanged PTO 540E/1000 rpm	■	■	■	■
Rear: Flanged PTO 1000/1000E rpm	□	□	□	□

	Power	PowerPlus	Profi	ProfiPlus
Hydraulics				
EHS valve actuation crossgate lever, multi-function joystick			■	■
EHS valve actuation linear module (rocker)	■	■	■	■
External control for hydraulic control unit at rear	■	■	■	■
Load sensing system with axial piston pump (152 l/min)	■	■	■	■
Load sensing system with axial piston pump (205 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	□	□	□	□

	Power	PowerPlus	Profi	ProfiPlus
Additional equipment				
Manual hitch	□	□	□	□
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	□	□	□	□
Pivoting front wheel mudguard	■	■	■	■
ABS trailer sockets	□	□	□	□



FENDT 800 VARIO

Technical specifications.

		822 Vario	824 Vario	826 Vario	828 Vario
Engine					
Rated power ECE R 120	kW/hp	166/226	181/246	195/265	211/287
Maximum power ECE R 120	kW/hp	166/226	181/246	195/265	211/287
No. of cylinders	Number	6	6	6	6
Cylinder bore/stroke	mm	101/ 126	101/ 126	101/ 126	101/ 126
Cubic capacity	cm³	6057	6057	6057	6057
Rated speed	rpm	2100	2100	2100	2100
Max. torque at 1450 rpm	Nm	960	1054	1125	1217
Torque rise	%	32.0	31.0	31.0	30.0
Fuel level	litres	505.0	505.0	505.0	505.0
AdBlue tank	litres	50.0	50.0	50.0	50.0

		822 Vario	824 Vario	826 Vario	828 Vario
Transmission and PTO					
Transmission type		ML 220	ML 220	ML 220	ML 220
Speed range 1	km/h	0,02-35	0,02-35	0,02-35	0,02-35
Speed range 1 - reverse	km/h	0,02-20	0,02-20	0,02-20	0,02-20
Speed range 2	km/h	0,02-60	0,02-60	0,02-60	0,02-60
Speed range 2 - 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		540E/ 1000	540E/ 1000	540E/ 1000	540E/ 1000
Rear PTO option		1000/1000E	1000/1000E	1000/1000E	1000/1000E
Front PTO option		1000	1000	1000	1000

		822 Vario	824 Vario	826 Vario	828 Vario
Power lift and hydraulics					
Variable flow pump	l/min	152	152	152	152
Variable flow pump option 1	l/min	205	205	205	205
Working pressure / control pressure	bar	200+20	200+20	200+20	200+20
Max. valves (front/centre/rear) Power / Power+	Number	0/0/4	0/0/4	0/0/4	0/0/4
Max. valves (front/centre/rear) Profi / Profi+	Number	2/0/6	2/0/6	2/0/6	2/0/6
Max. available hydraulic oil volume	litres	80	80	80	80
Max. lift capacity of rear power lift	daN	11110	11110	11110	11110
Max. lift capacity of front power lift	daN	5040	5040	5040	5040

		822 Vario	824 Vario	826 Vario	828 Vario
Tyres					
Front tyres (standard)		540/65R30	540/65R30	540/65R34	540/65R34
Standard tyres rear		650/65R42	650/65R42	650/85R38	650/85R38
1. Optional front tyres		540/65R34	540/65R34	600/70R30	600/70R30
1. Optional rear tyres		650/85R38	650/85R38	710/70R42	710/70R42

		822 Vario	824 Vario	826 Vario	828 Vario
Dimensions					
Front track width (standard tyres)	mm	2000	2000	2000	2000
Rear track width (standard tyres)	mm	1970	1970	1970	1970
Overall width with standard tyres	mm	2750	2750	2750	2750
Overall length	mm	5667	5667	5667	5667
Overall cab height with standard tyres without VarioGuide	mm	3280	3280	3280	3280
Overall cab height with standard tyres with VarioGuide	mm	3314	3314	3314	3314
Max. ground clearance	mm	575	575	575	575
Wheelbase	mm	2950	2950	2950	2950

		822 Vario	824 Vario	826 Vario	828 Vario
Weights					
Unladen weight (base tractor with cab - full tanks, without driver)	kg	9370.0	9370.0	9520.0	9520.0
Max. permissible overall weight up to 40km/h (2-circuit brake)	kg	16000.0	16000.0	16000.0	16000.0
Max. permissible overall weight up to 50km/h (2-circuit brake)	kg	16000.0	16000.0	16000.0	16000.0
Max. permissible overall weight up to 60km/h	kg	14000.0	14000.0	14000.0	14000.0
Max. trailer hitch load	kg	2000.0	2000.0	2000.0	2000.0