

FENDT 900 VARIO

Equipment variants.

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

Transmission				
Shuttle function, stop-and-go function	☒	☒	☒	☒
Acoustic signal when reversing	☐	☐	☐	☐

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	☐	☐	☐	☒
Variotronic implement control for ISOBUS	☐	☒	☒	☒
Variotronic implement control for the front ISOBUS	☐	☐	☐	☐
Variotronic TM - Headland Management System	☒	☒	☒	☒
Ready for automatic steering system	☐	☒	☒	☒
Guidance system VarioGuide NovAtel / Trimble	☐	☐	☐	☐
VarioDoc - documentation system (only with Varioterminal 10.4")	☐	☐	☐	☒
VarioDoc Pro - documentation system	☐	☐	☐	☒
SectionControl	☐	☐	☐	☐
VariableRateControl	☐	☐	☐	☐
AGCO Connectivity Module (ACM) basic telemetry package	☐	☐	☐	☒
VarioGuide Contour Assistant	☐	☐	☐	☐
Electronic immobiliser	☒	☒	☒	☒
Without immobiliser	☐	☐	☐	☐

Cab				
Mechanical cab suspension	☒	☒	☒	☒
Pneumatic Comfort cab suspension	☐	☐	☐	☐
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	☐	☐	☐	☐
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	☒	☒	☒	☒
Electrically adjustable rear view mirror + wide-angle mirror	☒	☒	☒	☒
Comfort mirror + clearance light	☐	☐	☐	☐
Retractable comfort mirror + clearance light	☐	☐	☐	☐
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	☐	☐	☐	☐

Chassis				
FSC Fendt Stability Control	☒	☒	☒	☒
Single wheel suspension front axle	☒	☒	☒	☒
Pneumatic high-speed dual-circuit braking system 1 pedal	☒	☒	☒	☒
Electro-pneumatic handbrake	☒	☒	☒	☒
Electro-pneumatic handbrake (handbrake assist)	☐	☐	☐	☐
Automatic trailer steering axle lock	☐	☐	☐	☐
Compressed air system 2-circuit system	☒	☒	☒	☒
Compressed air Duomatic coupling	☐	☐	☐	☐
VarioGrip tyre pressure regulation system	☐	☐	☐	☐
Grip Assistant	☐	☐	☐	☐

4WD				
Smart 4-wheel drive	☒	☒	☒	☒
Comfort controls for differential lock	☒	☒	☒	☒
Rear / front differential with 100% disc locking and steering angle sensors	☒	☒	☒	☒

Power lift				
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	☐	☐	☐	☐
Electrohydraulic power lift sa (EHR),	☒	☒	☒	☒
Lower link tail arrester cat. 4	☐	☐	☐	☐

PTO				
Front: 1000 rpm	☐	☐	☐	☐
Rear: Flanged PTO 540E/1000 rpm	☒	☒	☒	☒
Rear: Flanged PTO 1000/1000E rpm	☐	☐	☐	☐
External controls for rear PTO	☒	☒	☒	☒

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)	☐	☐	☐	☐
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	☐	☐	☐	☐

Additional equipment				
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	☐	☐	☐	☐
Forced steering (one or two-sided)	☐	☐	☐	☐
ABS trailer sockets	☐	☐	☐	☐
Removable tool box	☒	☒	☒	☒
Retractable metal toolbox	☐	☐	☐	☐
Retractable washing bowl	☐	☐	☐	☐
Security lock system	☒	☒	☒	☒

FENDT 900 VARIO

Technical specifications.



		930 Vario	933 Vario	936 Vario	939 Vario	942 Vario
Engine						
Rated power ECE R 120	kW/hp	217/296	239/326	261/355	283/385	305/415
Maximum power ECE R 120	kW/hp	217/296	239/326	261/355	283/385	305/415
Constant power ECE R 120	kW/hp	217/296	239/326	261/355	283/385	305/415
No. of cylinders	Number	6	6	6	6	6
Cylinder bore/stroke	mm	115/145	115/145	115/145	115/145	115/145
Cubic capacity	cm³	9037	9037	9037	9037	9037
Rated speed	rpm	1700	1700	1700	1700	1700
Max. torque	Nm	1550	1650	1750	1850	1970
Torque rise	%	26.9	22.7	19.4	16.4	15.0
Fuel level	litres	625.0	625.0	625.0	625.0	625.0
AdBlue tank	litres	70.0	70.0	70.0	70.0	70.0
Constant power range	rpm	1350-1700	1450-1700	1450-1700	1550-1700	1600-1700

Transmission and PTO						
Transmission type		TA 300	TA 300	TA 300	TA 300	TA 300
Speed range forward	km/h	0.02-60	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	0.02-33
Top speed	km/h	60	60	60	60	60
Rear PTO		540E/1000	540E/1000	540E/1000	540E/1000	540E/1000
Rear PTO option		1000/1000E	1000/1000E	1000/1000E	1000/1000E	1000/1000E
Front PTO option		1000	1000	1000	1000	1000

Power lift and hydraulics						
Variable flow pump	l/min	165	165	165	165	165
Variable flow pump option 1	l/min	220	220	220	220	220
Variable flow pump option 2	l/min	220+210	220+210	220+210	220+210	220+210
Working pressure / control pressure	bar	200	200	200	200	200
Max. valves (front/centre/rear) Power / Power Plus	Number	0/0/4	0/0/4	0/0/4	0/0/4	0/0/4
Max. valves (front/centre/rear) Profi / Profi Plus	Number	2/0/6	2/0/6	2/0/6	2/0/6	2/0/6
Max. available hydraulic oil volume	litres	90	90	90	90	90
Max. lift capacity of rear power lift	daN	12410	12410	12410	12410	12410
Max. lift capacity of front power lift	daN	5584	5584	5584	5584	5584

Tyres						
Front tyres (standard)		650/65R34	600/65R34	600/70R34	600/70R34	650/60R38
Standard tyres rear		710/70R42	710/70R42	710/75R42	710/75R42	750/70R44

Dimensions						
Front track width (standard tyres)	mm	2100	2100	2100	2100	2100
Rear track width (standard tyres)	mm	2000	2000	2000	2000	2000
Overall width with standard tyres	mm	2710	2710	2710	2710	2750
Overall cab height with standard tyres without VarioGuide	mm	3335	3335	3377	3377	3385
Overall cab height with standard tyres with VarioGuide	mm	3375	3375	3417	3417	3425
Max. ground clearance	mm	553	553	578	578	603
Wheelbase	mm	3150	3150	3150	3150	3150

Weights						
Unladen weight (base tractor with cab - full tanks, without driver)	kg	11300.0	11300.0	11400.0	11400.0	11780.0
Max. permissible overall weight up to 40 km/h country-specific exception approval required	kg	20000.0	20000.0	20000.0	20000.0	20000.0
Max. permissible overall weight up to 50 km/h country-specific exception approval required	kg	19000.0	19000.0	19000.0	19000.0	19000.0
Max. permissible overall weight up to 60km/h	kg	17000.0	17000.0	17000.0	17000.0	17000.0
Max. trailer hitch load	kg	2000.0	2000.0	2000.0	2000.0	2000.0