

Standard and optional equipment
 Standard: ■
 Optional: □

FENDT 900 VARIO MT

Equipment variants.

Engine	
Reversible fan	<input type="checkbox"/>
Engine pre-heating	<input type="checkbox"/>
Preheater unit (engine, transmission oil)	<input type="checkbox"/>

Transmission	
Vario TMS - Tractor Management System	<input checked="" type="checkbox"/>
Shuttle function, stop-and-go function	<input checked="" type="checkbox"/>
Cruise control	<input checked="" type="checkbox"/>

Guidance system	
Guidance system basic package	<input checked="" type="checkbox"/>
Standard Trimble / NovAtel	<input type="checkbox"/>
Contour Assistant	<input type="checkbox"/>

Agronomy	
Agronomy basic package	<input type="checkbox"/>

Telemetry	
Telemetry basic package	<input checked="" type="checkbox"/>
Smart Connect	<input type="checkbox"/>

Machine control	
Machine control basic package (ISOBUS)	<input checked="" type="checkbox"/>
Section Control (SC)	<input type="checkbox"/>
Variable Rate Control (VRC)	<input type="checkbox"/>

Vario operation	
Speed control lever with cruise control and engine speed memory, automatic modes	<input checked="" type="checkbox"/>
Multi-function joystick with cruise control, engine speed memory, automatic modes, controls for hydraulics	<input type="checkbox"/>
Varioterminal 10.4" with touchscreen and key control	<input checked="" type="checkbox"/>

Cab	
Mechanical cab suspension	<input type="checkbox"/>
Comfort seat, air sprung	<input checked="" type="checkbox"/>
Super Comfort Seat, air sprung	<input type="checkbox"/>
Instructor seat	<input checked="" type="checkbox"/>
Height and tilt-adjustable steering column	<input checked="" type="checkbox"/>
Heating with stepless fans	<input checked="" type="checkbox"/>
Air-conditioning	<input checked="" type="checkbox"/>
Integrated automatic climate control	<input type="checkbox"/>
Roller shade rear	<input type="checkbox"/>
Roller shade right	<input type="checkbox"/>
Parallel wipers front	<input checked="" type="checkbox"/>
Rear window wash/wipe	<input checked="" type="checkbox"/>
Ext. rearview mirror, electrically adjustable, heated	<input checked="" type="checkbox"/>
Radio CD MP3 hands-free speaking system	<input type="checkbox"/>
Radar sensor	<input checked="" type="checkbox"/>

Lighting	
Halogen headlights	<input checked="" type="checkbox"/>
Rear working lights	<input checked="" type="checkbox"/>
Work lights A-pillar	<input checked="" type="checkbox"/>
A-pillar LED work lights	<input type="checkbox"/>
Roof rear LED work lights	<input type="checkbox"/>
Roof front LED work lights	<input type="checkbox"/>
3. Brake lights	<input checked="" type="checkbox"/>
LED rotating beacons	<input checked="" type="checkbox"/>

Chassis	
ContantGrip suspension	<input checked="" type="checkbox"/>
SmartRide suspension system	<input checked="" type="checkbox"/>
Infinite track adjustment	<input checked="" type="checkbox"/>
Conveyor with standard design	<input checked="" type="checkbox"/>
Conveyor with reinforcement	<input type="checkbox"/>
Compressed air system 2-circuit system	<input type="checkbox"/>

Power lift	
Tractive power and stepless mixed control	<input checked="" type="checkbox"/>
Externally controlled rear power lift	<input checked="" type="checkbox"/>

PTO	
Rear: Flanged PTO 1000/1000E rpm	<input checked="" type="checkbox"/>
External controls for rear PTO	<input checked="" type="checkbox"/>

Hydraulics	
EHS valve actuation linear module	<input checked="" type="checkbox"/>
Load sensing system with axial piston pump (220 l/min)	<input checked="" type="checkbox"/>
Load sensing system with 2 axial piston pumps (220+220 l/min)	<input type="checkbox"/>
Up to 6 electr. proportional valves	<input type="checkbox"/>
Hydraulic power beyond connection	<input type="checkbox"/>
Unpressurised rear return flow	<input type="checkbox"/>
FFC flat-gasket rear hydraulic couplings	<input type="checkbox"/>
Double connect-under-pressure lever couplings rear	<input checked="" type="checkbox"/>

Additional equipment	
Automatic trailer hitch without remote control, rear	<input checked="" type="checkbox"/>
Drawbar category 4	<input checked="" type="checkbox"/>
Drawbar category 4 with category 3 adapter	<input type="checkbox"/>
Front weights, various sizes	<input type="checkbox"/>
Wide vehicle marker	<input type="checkbox"/>

FENDT 900 VARIO MT

Technical specifications.



		938 MT	940 MT	943 MT
Engine				
Rated power ECE R 120	kW/hp	279/380	298/405	317/431
Maximum power ECE R 120	kW/hp	279/380	298/405	317/431
No. of cylinders	Number	7	7	7
Cylinder bore/stroke	mm	111/145	111/145	111/145
Cubic capacity	cm³	9800	9800	9800
Rated speed	rpm	1700	1700	1700
Max. torque at 1450 rpm	Nm	1698	1806	1921
Fuel level	litres	681.0	681.0	681.0
AdBlue tank	litres	71.0	71.0	71.0
Constant power range	rpm	1600-1700	1600-1700	1600-1700

Transmission and PTO				
Transmission type		TA 300T	TA 300T	TA 300T
Top speed	km/h	40	40	40
Rear PTO		1000/1000E	1000/1000E	1000/1000E
Engine rpm at rated speed of rear PTO (1000 PTO)	rpm	1650	1650	1650
Engine rpm at rated speed of rear PTO (1000E PTO)	rpm	1255	1255	1255

Power lift and hydraulics				
Variable flow pump	l/min	220	220	220
Variable flow pump option 1	l/min	440	440	440
Working pressure / control pressure	bar	200	200	200
Max. valves (front/centre/rear)	Number	0/0/6	0/0/6	0/0/6
Max. hydraulic oil filling	approx. litres	125	125	125
Max. available hydraulic oil volume	litres	100	100	100
Flow rate of control valves (all valves)	litres	140	140	140
Max. lift capacity of rear power lift	daN	11500	11500	11500

Electrical features				
Max. transferable current ISOBUS socket	A	60	60	60

Caterpillar tracks				
Central carrier suspension		SmartRide	SmartRide	SmartRide
Swing angle of the primary suspension	degrees	11	11	11
Suspension travel of the front guiding wheel	mm	260	260	260
Chassis suspension		ConstantGrip	ConstantGrip	ConstantGrip
Total width of driving wheel	mm	225	225	225
Total width of track roller	mm	224	224	224
Series caterpillar track		25" Standard AG	25" Standard AG	25" Standard AG
1. Optional caterpillar track		25" Extreme AG	25" Extreme AG	25" Extreme AG
2. Optional caterpillar track		25" Extreme APP	25" Extreme APP	25" Extreme APP
3. Optional caterpillar track		30" Extreme AG	30" Extreme AG	30" Extreme AG

Dimensions				
Track width (for series caterpillar track)	mm	2032	2032	2032
Minimum track width (for series caterpillar track)	mm	2032	2032	2032
Maximum track width (for series caterpillar track)	mm	2235	2235	2235
Total width for series caterpillar track	mm	2667	2667	2667
Overall length	mm	5993	5993	5993
Overall height - comfort cab	mm	3515	3515	3515
Max. ground clearance	mm	368	368	368
Wheel base (driving wheel to the front guiding wheel)	mm	2565	2565	2565

Weights				
Unladen weight (base tractor with cab - full tanks, without driver)	kg	15169.0	15169.0	15169.0
Max. permissible overall weight	kg	20900.0	20900.0	20900.0
Max. trailer hitch load	kg	3628.0	3628.0	3628.0