Standard and optional equipment
Standard: ■
Optional: □

FENDT 700 VARIO

Equipment variants.

	Profi+
Engine	
Fuel pre-filter (heated)	□
Preheater unit (engine, transmission, hydraulic oil)	□
Exhaust brake	□
Transmission	
Shuttle function, stop-and-go function	■
Acoustic signal when reversing	□
Guidance system	
Guidance system basic package	■
Standard Trimble / NovAtel	□
RTK Trimble / NovAtel	□
TI Auto	□
Contour Assistant	□
Agronomy	
Agronomy basic package	■
Telemetry	
Telemetry basic package	■
Machine control	
Machine control basic package (ISOBUS)	■
Front implement control (ISOBUS)	□
Section Control (SC)	□
Variable Rate Control (VRC)	□
Vario operation	
Multi-function joystick with cruise control, engine speed memory, automatic modes, controls for hydraulics	■
3L joystick	□
Individual Operation Manager – flexible key assignment	■
Digital Dashboard	■
12" terminal with touchscreen and key control	■
Second 12" terminal in roof	□
Fendt Active steering	■
Electronic immobiliser	■
Without immobiliser	□
Cab	
Active charcoal filter	□
Pneumatic cab suspension	■
Pneumatic cab suspension, 3-point with integral self-levelling	□
Super comfort seat 3-point belt	□
Comfort seat, air sprung	■
Super comfort seat Evolution dynamic / CA	□
Super Comfort Seat Evolution dynamic DuMo/CA	□
Super Comfort Seat Evolution dynamic DuMo leather / CA	□
Comfort instructor seat	■
Air-conditioning	■
Integrated automatic climate control	□
Split windscreen and door on right	□
Continuous windscreen	■
Rear window heated	□
Segment wipers front	□
300°-front windscreen wipers (with continuous windscreen)	■
Rear window wash/wipe	□
Rear view mirror and wide-angle mirror electrically adjustable, heated	□
Auxiliary device holder	□
Universal mobile phone holder	□
Universal tablet holder	□
Radio mounting kit with two stereo speakers	■
Infotainment package	□
Infotainment bundle + 4.1 sound system	□
4 camera connections (digital/analogue)	□
4 USB ports	□
Radar sensor	□

	Profi+
Chassis	
Front axle suspension self-levelling, lockable	■
Steering brake	□
Automatic trailer steering axle lock	□
Compressed air system 2-circuit system	■
Compressed air Duomatic coupling	□
4WD	
Rear / front differential with 100% disc locking and steering angle sensors	■
Power lift	
Da 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	□
Electrohydraulic power lift da (EHR), with external controls	□
Hydraulic lower link lateral stabiliser	□
PTO	
Front: 1000 rpm	□
Hydraulics	
External control for hydraulic control unit at rear	□
Load sensing system with axial piston pump (109 l/min)	
Load sensing system with axial piston pump (152 l/min)	■
Load sensing system with axial piston pump (193 l/min)	□
Hydraulic power beyond connection	□
Return rear	□
Unpressurised rear return flow	□
Double connect-under-pressure lever couplings rear	□
CUP coupling rear	■
Bio hydraulic oil	□
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)	□
Pivoting front wheel mudguard	■
ABS trailer sockets	□
Front loader	
Front loader attachment parts	□
Front loader Cargo 4X/85	□
Front loader Cargo 5X/85	□
Front loader Cargo 5X/85 da - third valve	□
Front loader Cargo Profi 5X/85	□
Front loader Cargo Profi 5X/85 - third valve	□
Front loader Cargo 5X/90	□
Front loader Cargo 5X/90 da - third valve	□
Front loader Cargo Profi 5X/90	□
Front loader Cargo Profi 5X/90 - third valve	□

FENDT 700 VARIO

Technical specifications.

		714 Vario	716 Vario	718 Vario	720 Vario	722 Vario	724 Vario
Engine							
Rated power ECE R 120	kW/hp	106/144	120/163	133/181	148/201	163/222	174/237
Maximum power ECE R 120	kW/hp	110/150	126/171	138/188	154/209	168/228	181/246
No. of cylinders	Number	6	6	6	6	6	6
Cylinder bore/stroke	mm	101/ 126	101/ 126	101/ 126	101/ 126	101/ 126	101/ 126
Cubic capacity	cm³	6056	6056	6056	6056	6056	6056
Rated speed	rpm	2100	2100	2100	2100	2100	2100
Max. torque at 1450 rpm	Nm	650	725	804	911	988	1072
Torque rise	%	43.0	40.0	39.0	39.0	39.0	38.0
Fuel level	litres	400.0	400.0	400.0	400.0	400.0	400.0
AdBlue tank	litres	38.0	38.0	38.0	38.0	38.0	38.0
Transmission and PTO							
Transmission type		ML 140	ML 140	ML 180	ML 180	ML 180	ML 180
Speed range 1	km/h	0,02-28	0,02-28	0,02-28	0,02-28	0,02-28	0,02-28
Speed range 1 - reverse	km/h	0,02-17	0,02-17	0,02-17	0,02-17	0,02-17	0,02-17
Speed range 2	km/h	0,02-50	0,02-50	0,02-50	0,02-50	0,02-50	0,02-50
Speed range 2 - reverse	km/h	0,02-33	0,02-33	0,02-33	0,02-33	0,02-33	0,02-33
Top speed	km/h	50	50	50	50	50	50
Rear PTO		540/ 540E / 1000/ 1000E	540/ 540E / 1000/ 1000E	540/ 540E / 1000/ 1000E	540/ 540E / 1000/ 1000E	540 / 540E / 1000/ 1000E	540 / 540E / 1000/ 1000E
Front PTO option		1000	1000	1000	1000	1000	1000
Power lift and hydraulics							
Variable flow pump	l/min	109	109	109	109	109	109
Variable flow pump option 1	l/min	152	152	152	152	152	152
Variable flow pump option 2	l/min	193	193	193	193	193	193
Working pressure / control pressure	bar	200+20	200+20	200+20	200+20	200+20	200+20
Max. valves (front/centre/rear) Power / Power Plus	Number	1/0/4	1/0/4	1/0/4	1/0/4	1/0/4	1/0/4
Max. valves (front/centre/rear) Profi / Profi Plus	Number	2/0/5	2/0/5	2/0/5	2/0/5	2/0/5	2/0/5
Max. available hydraulic oil volume	litres	64	64	64	64	64	64
Max. lift capacity of rear power lift	daN	10360	10360	10360	10360	10360	10360
Max. lift capacity of front power lift	daN	4418	4418	4418	4418	4418	4418
Tyres							
Front tyres (standard)		480/70R28	540/65R28	540/65R28	540/65R30	540/65R30	540/65R30
Standard tyres rear		580/70R38	650/65R38	650/65R38	650/65R42	650/65R42	650/65R42
1. Optional front tyres		540/65R30	540/65R30	540/65R30	600/65R28	600/65R28	600/65R28
1. Optional rear tyres		580/70R42	580/70R42	650/65R42	710/70R38	710/70R38	710/70R38
Dimensions							
Front track width (standard tyres)	mm	1950	1950	1950	1950	1950	1950
Rear track width (standard tyres)	mm	1920	1920	1920	1920	1920	1920
Overall width with standard tyres	mm	2550	2550	2550	2550	2550	2550
Overall length	mm	5240	5240	5240	5240	5240	5240
Overall cab height with standard tyres without VarioGuide	mm	2946	2946	3050	3050	3050	3050
Overall cab height with standard tyres with VarioGuide	mm	2980	2980	3099	3099	3099	3099
Max. ground clearance	mm	506	506	506	506	506	506
Wheelbase	mm	2783	2783	2783	2783	2783	2783
Weights							
Unladen weight (base tractor with cab - full tanks, without driver)	kg	7735.0	7735.0	7790.0	7980.0	7980.0	7980.0
Max. permissible overall weight up to 40 km/h country-specific exception approval required	kg	12500.0	12500.0	14000.0	14000.0	14000.0	14000.0
Max. permissible overall weight up to 50 km/h country-specific exception approval required	kg	12500.0	12500.0	14000.0	14000.0	14000.0	14000.0
Max. trailer hitch load	kg	2000.0	2000.0	2000.0	2000.0	2000.0	2000.0