



FENDT

Fendt 700 Vario Gen7



Equipment variants.*

	Power	Power+	Profi	Profit
Engine				
Low-speed concept Fendt iD	■	■	■	■
Reversible fan	□	□	□	□
Preheater unit (engine, transmission, hydraulic oil)	□	□	□	□
Transmission				
VarioDrive with variable torque distribution between the front and rear axle	■	■	■	■
Guidance system				
Guidance system basic package		■		■
TI Headland (TI Auto & TI Turn Assistant)				□
Contour Assistant		□		□
Agronomy				
Agronomy basic package		□		■
Telemetry				
Telemetry basic package		□	□	■
Smart Connect				□
Machine control				
Machine control basic package		■	■	■
Section Control		□		□
Variable Rate Control		□		□
Fendt Implement Management (TIM)				□
Fendt Implement Management (TIM-Steering)		□		□
Vario operation				
Multi-function joystick with cruise control, engine speed memory, automatic modes, controls for hydraulics	■	■	■	■
3L joystick		□	□	□
Digital Dashboard	■	■	■	■
12" terminal with touchscreen and key control	■	■	■	■
Second 12" terminal in roof			□	□
Fendt Active steering		■		■
Electronic immobiliser	■	■	■	■
Cab				
Pneumatic cab suspension, 3-point with integral self-levelling			□	□
Super Comfort Seat, air sprung	□	□	□	□
SuperComfort Seat Titanium Leather/DL Electric			□	□
SuperComfort Seat Titanium / DL	□	□	□	□
SuperComfort Seat EvolutionUp DuMo / DL	□	□	□	□
Comfort instructor seat	■	■	■	■
Height and tilt-adjustable steering column	■	■	■	■
Cooler and thermal box	□	□	□	□
Roller shade rear			□	□
Segment wipers front	■	■	□	□
Segment windscreen wiper / 2 wiper fields - 180/300 degrees (continuous windscreen)	□	□	■	■
Comfort mirror + clearance light	□	□	□	□
Retractable comfort mirror + clearance light			□	□
Ext. rearview mirror, mechanically adjustable	■	■	■	■
Roof mounted rear camera			□	□
Hood mounted front camera			□	□
Universal mobile phone holder	□	□	□	□
Infotainment bundle + 4.1 sound system			□	□
4 camera connections	□	□	□	□
4 USB ports			□	□
Electric battery disconnect switch	□	□	□	□
Low beam and high beam	■	■	■	■
Low beam and high beam LED	□	□	□	□

	Power	Power+	Profi	Profit
Lighting				
Auxiliary lights front	□	□	□	□
Work lights A-pillar	□	□	□	□
Work lights A-pillar, rear mudguard	□	□	□	□
Roof rear work lights / 2 pairs	■	■	■	■
Working lights roof front LED / 2 pair	□	□	□	□
Roof front working lights / 2 pair	□	□	□	□
Working lights in the bonnet			□	□
Working lights bonnet top LED			□	□
Chrome package			□	□
Chassis				
Fendt Stability Control	□	□	□	□
Front axle suspension self-levelling, lockable	■	■	■	■
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	□	□	□	□
4WD / differential locks				
Smart 4-wheel drive	■	■	■	■
Power lift				
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	□	□	□	□
Electrohydraulic power lift sa (EHR), with external controls	■	■	■	■
EHR power lift double acting with external actuation, relief control			□	□
Hydraulic lower link lateral stabiliser			□	□
PTO				
Front: 1000 rpm	□	□	□	□
Rear: Flanged PTO 540/540E/1000/1000E rpm	■	■	■	■
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)			□	□
Hydraulic power beyond connection	□	□	□	□
Hydraulic connection Power-Beyond FFC	□	□	□	□
Return Front	□	□	□	□
Flat-face hydraulic couplings (FFC)	□	□	□	□
Double connect-under-pressure lever couplings rear	□	□	□	□
Additional equipment				
Automatic trailer hitch with remote control, rear	■	■	■	■
Ball coupling, height adjustable	□	□	□	□
Hitch	□	□	□	□
Drawbar	□	□	□	□
Piton-fix	□	□	□	□
Comfort ballast for front-end weight (not available with front power lift)	□	□	□	□
Front weights, various sizes	□	□	□	□
Wheel weights, rear wheels	□	□	□	□
Forced steering (one or two-sided)	□	□	□	□
Additional toolbox	□	□	□	□
Front loader				
Fendt Cargo 6,100	□	□	□	□
Fendt Cargo Profi 6,100			□	□
Fendt Cargo 6,100 - 3rd valve		□	□	□
Fendt Cargo Profi 6,100 - 3rd valve			□	□
Working lights front loader LED			□	□
FL - Multiple coupler/tool 3rd circuit + 3rd valve for FL	□	□	□	□
FL - Multiple coupler/trailer 3rd valve for FL	□	□	□	□

Technical specifications.

		720 Vario	722 Vario	724 Vario	726 Vario	728 Vario
Engine						
Rated power ECE R 120	kW/hp	149/203	164/223	179/243	193 / 262	208/283
Maximum power ECE R 120	kW/hp	149/203	164/223	179/243	193 / 262	208/283
Maximum power with DP ECE R 120	kW/hp					223/303
No. of cylinders	number	6	6	6	6	6
Cylinder bore/stroke	mm	110/ 132	110/ 132	110/ 132	110/ 132	110/ 132
Cubic capacity	cm³	7527	7527	7527	7527	7527
Rated speed	rpm	1700	1700	1700	1700	1700
Max. Torque at 1300 rpm	Nm	1090	1150	1220	1318	1450
Fuel level	litres	450.0	450.0	450.0	450.0	450.0
AdBlue tank	litres	48.0	48.0	48.0	48.0	48.0
Oil change interval	working hours	500	500	500	500	500
Exhaust gas after-treatment		DOC/DPF/SCR	DOC/DPF/SCR	DOC/DPF/SCR	DOC/DPF/SCR	DOC/DPF/SCR
Transmission and PTO						
Transmission type		TA 190	TA 190	TA 190	TA 190	TA 190
Speed range forward	km/h	0,02 - 50	0,02-50	0,02-50	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
Rear PTO		540/ 540 E/ 1000/ 1000 E	540/ 540 E/ 1000/ 1000 E	540/ 540 E/ 1000/ 1000 E	540/ 540 E/ 1000/ 1000 E	540/ 540 E/ 1000/ 1000 E
Front PTO option		1000	1000	1000	1000	1000
Engine rpm at rated speed of rear PTO (540 PTO)	rpm	1618	1618	1618	1618	1618
Engine rpm at rated speed of rear PTO (540E PTO)	rpm	1283	1283	1283	1283	1283
Engine rpm at rated speed of rear PTO (1000 PTO)	rpm	1649	1649	1649	1649	1649
Engine rpm at rated speed of rear PTO (1000E PTO)	rpm	1308	1308	1308	1308	1308
Engine rpm at rated speed of front PTO (1000 PTO)	rpm	1647	1647	1647	1647	1647
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
Working pressure / control pressure	bar	200+10	200+10	200+10	200+10	200+10
Max. available hydraulic oil volume	litres	80	80	80	80	80
Flow rate of control valves (valve 3)	l/min	120 (UDK) 140 - 170 (DUDK)	120 (UDK) 140 - 170 (DUDK)	120 (UDK) 140 - 170 (DUDK)	120 (UDK) 140 - 170 (DUDK)	120 (UDK) 140 - 170 (DUDK)
Flow rate of control valves (valve 4)	l/min	120 (UDK) 140 - 170 (DUDK)	120 (UDK) 140 - 170 (DUDK)	120 (UDK) 140 - 170 (DUDK)	120 (UDK) 140 - 170 (DUDK)	120 (UDK) 140 - 170 (DUDK)
Max. lift capacity of rear power lift	daN	11050	11050	11050	11050	11050
Max. lift capacity of front power lift	daN	5300	5300	5300	5300	5300
Electrical features						
Batteries	number	1	1	1	1	1
Battery power	Ah/V	180 / 12	180 / 12	180 / 12	180 / 12	180 / 12
Alternator	V/A	14 / 240	14 / 240	14 / 240	14 / 240	14 / 240
Max. transferable current ISOBUS socket	A	60+25	60+25	60+25	60+25	60+25
Tyres						
Front tyres (standard)		540/65R30	540/65R30	540/65R30	540/65R34	540/65R34
Standard tyres rear		650/65R42	650/65R42	650/65R42	650/85R38	650/85R38
1st option for front tyres		600/65R28	600/65R28	600/65R28	600/70R30	600/70R30
1st option for rear tyres		710/70R38	710/70R38	710/70R38	710/70R42	710/70R42
Dimensions						
Front track width (standard tyres)	mm	2000	2000	2000	2000	2000
Rear track width (standard tyres)	mm	1920	1920	1920	2000	2000
Overall width with standard tyres	mm	2570	2570	2570	2650	2650
Overall length	mm	5516	5516	5516	5516	5516
Total height of driver's cab with standard tyres without Fendt Guide	mm	3142	3142	3142	3280	3280
Total height of driver's cab with standard tyres with Fendt Guide	mm	3192	3192	3192	3332	3332
Max. ground clearance	mm	570	570	570	570	570
Wheelbase	mm	2900	2900	2900	2900	2900
Weights						
Operating weight (incl. common accessories - +/- 5%)	kg	8800 - 9250	8800 - 9250	8800 - 9250	9200 - 9650	9200 - 9650
Max. trailer hitch load	kg	2000.0	2000.0	2000.0	2000.0	2000.0
Max. permissible front axle load	kg	6900.0	6900.0	6900.0	6900.0	6900.0
Max. permissible front axle load up to 8 km/h	kg	9980.0	9980.0	9980.0	9980.0	9980.0
Max. permissible rear axle load (country-specific)	kg	11500.0	11500.0	11500.0	11500.0	11500.0

* Please refer to the Settings for equipment variants