

Model versions

Technical Specifications

Fendt 700 Vario Power version



Fendt 700 Vario Profi and ProfiPlus version



Photos show optional equipment

Fendt	714	716	718	720	722	724
Engine						
Rated power (kW/hp) (ECE R24)	94 / 128	108 / 148	121 / 165	136 / 185	151 / 205	162 / 220
Max. power (kW/hp) (ECE R24)	107 / 145	121 / 165	132 / 180	147 / 200	162 / 220	176 / 240
Rated power (kW/hp) (EC 97/68) ⁴⁾	106 / 144	120 / 163	133 / 181	148 / 201	163 / 222	174 / 237
Max. power (kW/hp) (EC 97/68)	110 / 150	125 / 170	139 / 188	153 / 208	168 / 229	181 / 246
No. of cylinders / cooling	6/water	6/water	6/water	6/water	6/water	6/water
Cylinder bore / stroke (mm)	101 / 126	101 / 126	101 / 126	101 / 126	101 / 126	101 / 126
Cubic capacity (cm ³)	6056	6056	6056	6056	6056	6056
Rated engine speed (rpm)	2100	2100	2100	2100	2100	2100
Speed at max. power (rpm)	1800	1800	1800	1800	1800	1800
Max. torque (1450 rpm)	650	725	804	897	988	1058
Torque rise (%)	43	40	39	39	39	38
Fuel tank capacity (l)	400	400	400	400	400	400
AdBlue® (l)	38	38	38	38	38	38
Oil change interval (operating hrs)	500	500	500	500	500	500

Transmission/PTO						
Type: Continuously variable Vario transmission	ML 140	ML 140	ML 180	ML 180	ML 180	ML 180
Speed range:						
Range I - field (forward / reverse)	0.02 to 28 km/h / 0.02 to 17 km/h					
Range II - road (forward / reverse)	0.02 to 50 km/h / 0.02 to 33 km/h					
Maximum speed (km/h)	50	50	50	50	50	50
Rear PTO (rpm)	540/540E/1000/1000E					
Front PTO (rpm) ¹⁾	1000					

Linkage						
Displacement pump pressure (200 bar) (l/min) (options)	109 (152/193)	109 (152/193)	109 (152/193)	109 (152/193)	109 (152/193)	109 (152/193)
Rear linkage control	EPC	EPC	EPC	EPC	EPC	EPC
Additional valves max. (standard)	7 da ³⁾ (2 da ³⁾ electr. valves / crossgate lever					
Max. lift capacity, rear linkage on the draw-bar (daN)	10360	10360	10360	10360	10360	10360
Max. lift capacity, front linkage (daN)	4418	4418	4418	4418	4418	4418
Implement weight / front linkage up to (kg)	3180	3180	3180	3180	3180	3180

Weights and dimensions						
Unladen weight	7735	7735	7980	7980	7980	7980
Perm. overall weight (kg)	12500	12500	14000	14000	14000	14000
Max. vertical hitch load with standard tyres and 50 km/h (kg)	2000	2000	2000	2000	2000	2000
Overall length (mm)	5240	5240	5240	5240	5240	5240
Overall width (mm)	2550	2550	2550	2550	2550	2550
Overall height (mm)	3050	3050	3050	3050	3050	3050
Ground clearance (mm) ²⁾	506	506	506	506	506	506
Wheelbase (mm)	2783	2783	2783	2783	2783	2783
Track width front (mm) ²⁾	1950	1950	1950	1950	1950	1950
Track width rear (mm) ²⁾	1920	1920	1920	1920	1920	1920
Min. turning circle (m)	5.5	5.5	5.5	5.5	5.5	5.5

Electrical equipment						
Starter (kW)	4.0	4.0	4.0	4.0	4.0	4.0
Battery (V/Ah)	12 / 180	12 / 180	12 / 180	12 / 180	12 / 180	12 / 180
Alternator (V/A)	14 / 200	14 / 200	14 / 200	14 / 200	14 / 200	14 / 200

Tyres						
Standard front	480/70 R28	540/65 R28	540/65 R28	540/65 R30	540/65 R30	540/65 R30
Standard rear	580/70 R38	650/65 R38	650/65 R38	650/65 R42	650/65 R42	650/65 R42
Optional front	540/65 R30	540/65 R30	540/65 R30	600/65 R28	600/65 R28	600/65 R28
Optional rear	580/70 R42	580/70 R42	650/65 R42	710/70 R38	710/70 R38	710/70 R38
Optional front	16.9 R28	16.9 R28	600/65 R28	600/65 R28	600/65 R28	600/65 R28
Optional rear	20.8 R38	20.8 R38	710/70 R38	650/75 R38	650/75 R38	650/75 R38
Optional front	600/60 R28	600/60 R28	600/60 R30	600/60 R30	600/60 R30	600/60 R30
Optional rear	710/60 R38	710/60 R38	710/60 R42	710/60 R42	710/60 R42	710/60 R42
Optional front				320/85 R38 ⁵⁾	320/85 R38 ⁵⁾	320/85 R38 ⁵⁾
Optional rear				320/90 R54 ⁴⁾	320/90 R54 ⁴⁾	320/90 R54 ⁴⁾

¹⁾ = optional, ²⁾ = with 710/70R38 tyres, ³⁾ = can also be used as single-acting, ⁴⁾ = power specifications for registration

⁵⁾ = Recommended for row crop tyres, not offered by Fendt

Your Fendt dealer will be pleased to inform you about further tyre options.

Standard and Optional Equipment | ● = standard | □ = optional

Equipment levels	Power	Profi	ProfiPlus
Vario operation			
Multi-function joystick	●	●	●
Varioterminal 7" with touchscreen and key control	●	●	●
Varioterminal 10.4-B with touchscreen and key control		□	●
Variotronic implement control ISOBUS		●	●
SectionControl			□
Variotronic ¹⁾ – headland management system	●	●	●
Vario TMS – engine-transmission management system	●	●	●
VarioDoc documentation system		□	●
VarioDoc Pro - documentation system / AgCommand™		□	□
Preparation for automated steering			● ¹⁾
VarioGuide automated steering system			□
VarioGuide light automated steering system		□	
VarioActive steering			●
Electronic immobiliser	●	●	●
Without immobiliser	□	□	□
Variotronic ¹⁾ automatic			□

Cab	Power	Profi	ProfiPlus
Split windscreen and door on right	□	□	□
Continuous windscreen	●	●	●
Pneumatic cab suspension	●	●	●
Pneumatic comfort cab suspension		□	□
Height and tilt-adjustable steering column	●	●	●
Comfort Seat, air-sprung with backrest	●	●	●
Super comfort seat with seat heater, lumbar support	□	□	□
Super comfort seat Evol. dynamic DuMo / DL	□	□	□
Super comfort seat 3-point belt	□	□	□
Passenger seat with automatic seat belt	●		
Comfort passenger seat with automatic seat belt		●	●
Floor mat	□	□	□
Radio mounting kit with two speakers	●	●	●
Radio CD MP3 Blaupunkt	□	□	□
Radio with hands-free speaking system	□	□	□
Two additional coaxial speakers		□	□
Tachograph	□	□	□
Air-conditioning	●	●	●
Automatic climate control		□	□
Pollutant filter (aerosol)	□	□	□
Segment wipers front	●	□	□
Parallel wipers front	□	□	□
300-degree wiper front		● ²⁾	● ²⁾
Rear window heated	□	□	□
Rear window wash/wipe	□	□	□
Ext. rearview mirror, mechanically adjustable	●	●	●
Ext. rearview mirror, electrically adjustable, heated		□	□
Wide-angle mirror	□	□	□
Interior rearview mirror		●	●
Corner light / chrome trim turn signal indicator light		●	●
LED corner light		□	□
Work lights roof, 4 rear, 2 front	●	●	●
Work lights A-pillar, roof front, mudguard rear	□	□	□
Work lights LED A-pillar, rear mudguards, 4 roof rear, 4 roof front	□	□	□
LED headlamps with headlamp levelling		□	□
LED rear light	□	□	□
Ambient lighting	●	●	●
Auxiliary device holder (choice of 2)	□	□	□
Cooling compartment	●	●	●
Battery disconnect	□	□	□
Add. storage space, 12 Volt left, light in roof liner left		●	●

Engine	Power	Profi	ProfiPlus
Fuel pre-filter	●	●	●
Fuel pre-filter (heated)	□	□	□
Preheater package (engine, transmission, hydraulic oil)	□	□	□
Exhaust brake	□	□	□

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

Equipment levels	Power	Profi	ProfiPlus
Chassis / safety features			
Compressed air system	●	●	●
Automatic trailer steering axle lock		□	□
Compressed air Duomatic coupling	□	□	□
Dual-circuit braking system 1 pedal	●	●	●
Dual-circuit braking syst., 2 pedals + steering clutch brake		□	□

4WD / differential locks	Power	Profi	ProfiPlus
Comfort engagement controls for 4WD / differential locks	●	●	●
Rear / front differential with 100% disc locking	●	●	●
Power shift PTOs	●	●	●
Rear: Flanged PTO 540/540E/1000/1000E rpm	●	●	●
Front: 1000 rpm	□	□	□
External controls for rear PTO	●	●	●

Hydraulics	Power	Profi	ProfiPlus
Load sensing system with axial piston pump (109 l/min)	●		
152 l/min delivery capacity	□	●	●
193 l/min delivery capacity		□	□
Electrohydraulic rear linkage sa (EPC)	●	●	●
Electrohydraulic rear linkage da (EPC), with external controls		□	□
Control with linear elements		●	●
1st and 2nd hydraulic valve at rear	●	●	●
3rd hydraulic valve at rear	□	●	●
4th hydraulic valve at rear or 3rd hydraulic valve at rear and 1st hydraulic valve in front	□		
4th to 5th hydraulic valve at rear		□	□
1st to 2nd hydraulic valve in front		□	□
Hydraulic lower link lateral stabiliser		□	□
Radar sensor		□	□
Top link rear hydraulic	□	□	□
External hydraulic connection (load sensing)	□	□	□
Hydraulic valve actuation crossgate lever, connect-under-pressure couplings rear	●	●	●
Double connect-under-pressure lever couplings rear	□	□	□
Easy ballast weight pick-up without front linkage	□	□	□
Front linkage da with external controls	□	□	□
Comfort front linkage da with position control, ext. controls	□	□	□
Comfort front linkage DA, with position control and relief control, external controls	□	□	□

Body	Power	Profi	ProfiPlus
Auto. hitch with remote control, rear	●	●	●
Ball-type coupling, height adjustable	□	□	□
Ball-type coupling normal in the bottom hitch	□	□	□
Ball-type coupling long in the bottom hitch	□	□	□
Forced steering (single or double-sided)	□	□	□
Hitch	□	□	□
Swinging drawbar	□	□	□
Piton-fix	□	□	□
Rotating beacon left and right	□	□	□
Wide vehicle marker	□	□	□
Pivoting front wheel mudguard	●	●	●
Front weights, various sizes	□	□	□
Ballast weights for rear wheels	□	□	□
Design Line		□	□
Paint body Nature Green, rims Terra Red	□	□	□

Front loader	Power	Profi	ProfiPlus
Front loader attachment parts	□	□	□
Front loader Cargo 4X/85	□	□	□
Front loader Cargo Profi 4X/85	□	□	□
Front loader Cargo 5X/85	□	□	□
Front loader Cargo Profi 5X/85	□	□	□
Front loader Cargo 5X/90	□	□	□
Front loader Cargo Profi 5X/90	□	□	□

¹⁾ = including VarioGuide roof hatch
²⁾ = with one-piece windscreen