

## Technical Specifications

Fendt	822	824	826	828
<b>Engine</b>				
Rated power (kW/hp) (ECE R24)	162 / 220	176 / 240	191 / 260	206 / 280
Max. power (kW/hp) (ECE R24)	162 / 220	176 / 240	191 / 260	206 / 280
Rated power (kW/hp) (EC 97/68) <sup>4)</sup>	166 / 226	182 / 248	195 / 265	211 / 287
Max. power (kW/hp) (EC 97/68)	166 / 226	182 / 248	195 / 265	211 / 287
No. of cylinders / cooling	6/water	6/water	6/water	6/water
Cylinder bore / stroke (mm)	101 / 126	101 / 126	101 / 126	101 / 126
Cubic capacity (cm <sup>3</sup> )	6057	6057	6057	6057
Rated engine speed (rpm)	2100	2100	2100	2100
Max. torque (1450 rpm)	960	1054	1125	1217
Torque rise (%)	32	31	31	30
Optim. fuel consumption (g/kWh)	192	192	192	192
Fuel tank capacity (l)	505	505	505	505
AdBlue® (l)	50	50	50	50
Oil change interval (operating hrs)	500	500	500	500

<b>Transmission and PTO</b>				
Type	Continuously variable Vario transmission ML 220			
Speed range: Range I - field (forward / reverse)	0.02 to 35 km/h / 0.02 to 20 km/h			
Range II - road (forward / reverse)	0.02 to 60 km/h / 0.02 to 33 km/h			
Max. speed (km/h)	60	60	60	60
Rear PTO (rpm)	540E / 1000 or 1000 / 1000E			
Front PTO (rpm) <sup>1)</sup>	1000			

<b>Hydraulics and linkage</b>				
Displacement pump (200 bar) (l/min)	152	152	152	152
Displacement pump pressure (200 bar) (l/min) option	205	205	205	205
Rear power lift control	EPC	EPC	EPC	EPC
Max. auxiliary valves, (standard)	4 da <sup>3)</sup> (3 da <sup>3)</sup> electr. valves			
Power version:	8 da <sup>3)</sup> (4 da <sup>3)</sup> electr. valves / crossgate lever			
Profi version:	8 da <sup>3)</sup> (4 da <sup>3)</sup> electr. valves / crossgate lever			
Profi Plus version:	8 da <sup>3)</sup> (4 da <sup>3)</sup> electr. valves / crossgate lever			
Max. lift capacity, rear linkage on the drawbar (daN)	11110	11110	11110	11110
Max. lift capacity, front linkage (daN)	5040	5040	5040	5040
Implement weight / front linkage up to (kg)	3755	3755	3755	3755
Hydraulic oil tank (available oil volume) (l)	80	80	80	80

<b>Weights and dimensions</b>				
Unladen weight	9370	9370	9520	9520
Perm. overall weight (kg)				
for 40 km/h / 50 km/h (single-circuit brake)	16000	16000	16000	16000
for 40 km/h / 50 km/h (dual-circuit brake)	16000	16000	16000	16000
at 60 km/h (dual-circuit brake)	14000	14000	14000	14000
Max. vertical hitch load with standard tyres and 60 km/h (kg)	2000	2000	2000	2000
Overall length (mm)	5275	5275	5275	5275
Overall width (mm)	2750	2750	2750	2750
Overall height (mm)	3280	3280	3280	3280
Ground clearance with 650/85R38 (mm) <sup>2)</sup>	575	575	575	575
Wheelbase (mm)	2950	2950	2950	2950
Track width front (mm) <sup>2)</sup>	2000	2000	2000	2000
Track width rear (mm) <sup>2)</sup>	1970	1970	1970	1970
Min. turning circle (m) <sup>5)</sup>	5.5	5.5	5.5	5.5

<b>Electrical equipment</b>				
Starter (kW)	4.0	4.0	4.0	4.0
Battery (V/Ah)	12 / 180	12 / 180	12 / 180	12 / 180
Alternator (V/A)	14 / 2x160	14 / 2x160	14 / 2x160	14 / 2x160

<sup>1)</sup> = optional, <sup>2)</sup> = with standard tyres, <sup>3)</sup> = can also be operated as single-acting, <sup>4)</sup> = power specifications for registration, <sup>5)</sup> = w/o steering clutch brake, with 540/65R30

Fendt	822	824	826	828
<b>Tyres</b>				
Standard front	540/65 R 30	540/65 R 30	540/65 R 34	540/65 R 34
Standard rear	650/65 R 42	650/65 R 42	650/85 R 38	650/85 R 38
Optional front	540/65 R 34	540/65 R 34	600/70 R 30	600/70 R 30
Optional rear	650/85 R 38	650/85 R 38	710/70 R 42	710/70 R 42
Optional front	600/70 R 30	600/70 R 30	710/60 R 30	710/60 R 30
Optional rear	710/70 R 42	710/70 R 42	900/60 R 38	900/60 R 38

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

Equipment levels	Power	PowerPlus	Profi	ProfiPlus
<b>Vario controls</b>				
Joystick with cruise control and engine speed memory	●	●		
Multi-function joystick with cruise control, engine speed memory, automatic modes, controls for hydraulics			●	●
Varioterminal 7" with touchscreen and key control	●	●	●	
Varioterminal 10.4-B with touchscreen and key control			□	●
ISOBUS implement control	●	□	●	●
SectionControl				□
Variotronic™ - Headland Management System			●	●
Vario TMS Tractor Management System	●	●	●	●
VarioDoc - documentation system			□	●
VarioDoc Pro - documentation system / AgCommand™			□	□
Guidance system VarioGuide Novutel / Trimble	□	●		□
Electronic immobiliser	●	●	●	●
Without immobiliser	□	□	□	□
VarioActive steering				●
VariableRateControl				□

<b>Cab</b>				
Mechanical cab suspension, 3-point	●	●	●	●
Pneumatic cab suspension, 3-point with integral self-levelling	□	□	□	□
Fendt Reaction steering system	●	●	●	●
Reversing driver station for 2-way operation	□	□	□	□
Height and tilt-adjustable steering column	●	●	●	●
Super comfort seat, air sprung, low frequency suspension	●	●	●	●
Super comfort seat Evolution dynamic with climate control	□	□	□	□
Super comfort seat Evol. dynamic DuMo / DL	□	□	□	□
Dual motion comfort seat Evolution active/DL	□	□	□	□
Passenger seat with automatic seat belt	●	●	●	●
Comfort passenger seat	□	□	□	□
Radio mounting kit with two stereo speakers	●	●	●	●
Dual radio slot with four loudspeakers	□	□	□	□
Radio CD MP3 Blaupunkt with sound system	□	□	□	□
Radio with hands-free speaking system	□	□	□	□
Tachograph	□	□	□	□
Integrated automatic climate control	●	●	●	●
Pollutant filter (aerosol)	□	□	□	□
Front windscreen laminated safety glass, heated	□	□	□	□
300° windscreen wiper front	●	●	●	●
Rear window wash/wipe	□	□	□	□
Ext. rearview mirror, electrically adjustable, heated	●	●	●	●
Ext. rearview mirror, mechanically adjustable	□	□	□	□
Wide-angle mirror	□	□	□	□
Interior rearview mirror	□	□	●	●
Roof work lights, 2 at rear, 1 in front	●	●	●	●
Roof work lights, 2 at rear LED, 1 in front	□	□	□	□
Work lights Xenon, roof front	□	□	□	□
Work lights A-pillar, rear mudguard	□	□	□	□
Work light LED A-pillar, mudguard rear	□	□	□	□
LED headlamps with headlamp levelling	□	□	□	□
LED rear lights	□	□	□	□
Bracket for auxiliary devices	□	□	□	□
Air-conditioned cool box	□	□	□	□

<b>Engine</b>				
Automatic maximum output control	●	●	●	●
Reversible fan	□	□	□	□
Fuel pre-filter	●	●	●	●
Heated fuel prefilter	□	□	□	□
Preheater package (engine, transmission, hydraulic oil)	□	□	□	□
Exhaust brake	□	□	□	□

<b>Transmission</b>				
Shuttle function, stop-and-go function	●	●	●	●
Acoustic signal when reversing	□	□	□	□

<b>Equipment Variants</b>				
<b>Chassis</b>				
Front axle suspension, +/- 60 mm suspension travel	●	●	●	●
Dual-circuit braking system with FSC Fendt Stability Control			□	□
Single-circuit braking system 1 pedal	●	●	●	●
Single-circuit braking system, 2 pedals and steering clutch brake	□	□	□	□
Compressed air system	●	●	●	●
Automatic trailer steering axle lock	□	□	□	□
VarioGrip tyre pressure regulation system	□	□	□	□

<b>4WD</b>				
Comfort engagement controls for 4WD / differential locks	●	●	●	●
Rear / front differential with 100 % disc locking	●	●	●	●

<b>Power shift PTOs</b>				
Rear: flanged PTO 540E/1000 rpm	●	●	●	●
Rear: flanged PTO 1000/1000E rpm	□	□	□	□
Front: 1000 rpm	□	□	□	□
External controls for rear PTO	●	●	●	●

<b>Hydraulics</b>				
Load sensing system with axial piston pump (152 l/min)	●	●	●	●
Axial piston displacement pump 205 l/min delivery capacity	□	□	□	□
Electrohydraulic linkage DA (EHR), with external controls			□	□
Electrohydraulic linkage SA (EHR), with external controls	●	●		
Hydraulic lower link lateral stabiliser	□	□	□	□
Radar-activated wheel slip control	□	□	□	□
Upper link QC hydraulic	□	□	□	□
Lower link hooks Cat. 4	□	□	□	□
External hydraulic connection (load sensing)	□	□	□	□
Hydraulic valve actuation crossgate lever, multi-function joystick			●	●
External control for hydraulic control unit at rear	●	●	●	●
Double connect-under-pressure lever couplings rear	□	□	□	□
CUP coupling rear	●	●	●	●
Easy ballast mounting for front weights <sup>2)</sup>	●	●	●	●
Front linkage sa with external controls	□	□	□	□
Comfort front linkage da, with position control, external controls			□	□
Load relief control for the comfort front linkage			□	□

<b>Body</b>				
Manual hitch	□	□	□	□
Auto. hitch with remote control, rear	●	●	●	●
Ball-type coupling, height adjustable	□	□	□	□
Ball coupling incl. frame	□	□	□	□
Forced steering (one or two-sided)	□	□	□	□
Hitch	□	□	□	□
Swinging drawbar	□	□	□	□
Piton-fix	□	□	□	□
Compressed air Duomatic coupling	□	□	□	□
Rotating beacon	□	□	□	□
Wide vehicle marker	□	□	□	□
Pivoting front wheel mudguard	●	●	●	●
Twin tyres rear	□	□	□	□
Twin tyres front	□	□	□	□
Front weights, various sizes	□	□	□	□
Wheel weights, rear wheels	□	□	□	□
Design Line	□	□	□	□
Paint body Nature Green, rims Terra Red	□	□	□	□
Removable toolbox	□	□	□	□

<sup>1)</sup> = Operation with Varioterminal <sup>2)</sup> = not possible with front lift

The Fendt on-line configurator: Here you can put together your own custom Fendt according to your wishes. Visit [www.fendt.com](http://www.fendt.com).