

Fendt	309 Vario	310 Vario	311 Vario	312 Vario	313 Vario
Engine					
Rated power (kW/hp) (ECE R24)	59 / 80	66 / 90	74 / 100	81 / 110	88 / 120
Max. power (kW/hp) (ECE R24)	70 / 95	77 / 105	85 / 115	92 / 125	99 / 135
Rated power (kW/hp) (EC 97/68) ⁴⁾	68 / 93	76 / 103	83 / 113	90 / 122	97 / 132
Max. power (kW/hp) (EC 97/68)	74 / 100	80 / 109	88 / 120	95 / 130	103 / 140
No. of cylinders / cooling / aspiration / Injection / engine control / exhaust recirculation	4 cylinders, four-valve technology / water / turbocharger, intercooler common rail / EDC / electronic wastegate				
Bore / stroke (mm) / cubic capacity (cm ³)	101/126/4038				
Rated engine speed (rpm)	2100	2100	2100	2100	2100
Engine speed at max. power (rpm)	1900	1900	1900	1900	1900
Max. torque (Nm/rpm)	410/1450	455/1450	505/1450	550/1450	590/1450
Torque rise (%)	43	43	42	42	41
Opt. fuel consumption (g/kWh)	200	199	199	199	199
Fuel tank (l)	195	195	195	195	195
AdBlue [®]	20	20	20	20	20
Oil change interval (op. hrs.)	500	500	500	500	500

Transmission and PTO					
Type	stepless Vario transmission				
Speed range: (forward / reverse)	0.02 to 40 km/h / 0.02 to 25 km/h				
Maximum speed (km/h)	40	40	40	40	40
Rear PTO (rpm) standard (optional)	540/540E/1000 (540/1000/ground PTO (7.9 rev/driven metre))				
Front PTO ¹⁾	540 or 1000				

Hydraulic system					
Type	constant flow system				
Hydraulic pump capacity (l/min)	83 (53+30)	83 (53+30)	83 (53+30)	83 (53+30)	83 (53+30)
Working pressure (bar)	200	200	200	200	200
Rear linkage control	EPC, lower link control, shock load stabilising				
Max. auxiliary valves, (standard) incl. front controls	4 da ³⁾ (2 da ³⁾) valves / crossgate lever				
Max. lift capacity, rear linkage on the drawbar (kN/kp)	5960	5960	5960	5960	5960
Max. lift capacity, front linkage (daN)	3020	3020	3020	3020	3020
Max. available hydraulic oil (l)	45	45	45	45	45

Brakes					
Rear brakes	wet, integrated ring piston brake				
Front brakes	4WD engagement				

Weights and dimensions					
Unladen weight to DIN 70020 (kg)	4230	4290	4290	4450	4450
Perm. overall weight (kg)	8500	8500	8500	8500	8500
Max. payload (kg)	4270	4210	4210	4050	4050
Max. hitch load (kg)	2000	2000	2000	2000	2000
Overall length (mm)	4150	4150	4150	4150	4150
Overall width (mm)	2165	2275	2275	2385	2385
Overall height (mm)	2755	2760	2760	2800	2800
Max. ground clearance (mm)	510	510	510	510	510
Wheelbase (mm)	2350	2350	2350	2350	2350
Front track ²⁾ (mm)	1685	1685	1685	1820	1820
Rear track ²⁾ (mm)	1660	1660	1660	1800	1800
Min. turning circle (m)	4.2	4.2	4.2	4.4	4.4

Electrical equipment					
Starter (kW)	4.0				
Battery	12V / 90Ah				
Alternator	2002 W / 14V / 150 A				

Tyres 4WD version					
Standard front	380/70 R24	440/65 R24	440/65 R24	480/65 R24	480/65 R24
Standard rear	480/70 R34	540/65 R34	540/65 R34	540/65 R38	540/65 R38
optional front	480/65 R24				
optional rear	600/65 R34				
optional front	425/75 R20	425/75 R20	480/65 R24	480/60 R28	480/60 R28
optional rear	600/65 R30	600/65 R30	540/65 R38	600/60 R38	600/60 R38
optional front	480/65 R24	480/65 R24	480/60 R28	420/70 R24	420/70 R24
optional rear	540/65 R38	540/65 R38	600/60 R38	420/85 R38	420/85 R38
optional front	270/95 R32				
optional rear	270/95 R48				

¹⁾ = optional, ²⁾ = with standard tyres, ³⁾ = can also be operated as single-acting, ⁴⁾ = power specifications for registration
Your Fendt dealer will be pleased to inform you about further tyre options.

Standard and optional equipment	309	310	311	312	313
Cab					
Driver information system with LCD display	●	●	●	●	●
Variostick control	●	●	●	●	●
TMS – Tractor-Management-System	●	●	●	●	●
Height and tilt-adjustable steering column	●	●	●	●	●
Fendt Comfort Seat, air-sprung with backrest extension, lumbar support	●	●	●	●	●
Super comfort seat with seat heater, low frequency suspension and pneumatic lumbar support	□	□	□	□	□
Mechanical cab suspension	□	□	□	□	□
Radio mounting kit with two stereo loudspeakers	●	●	●	●	●
Radio MP3	□	□	□	□	□
Wide-angle mirror	□	□	□	□	□
Roof hatch	●	●	●	●	●
Hot water heating with three-speed blower	●	●	●	●	●
Ventilation system with 3-speed blower in roof ¹⁾	□	□	□	□	□
Ventilation system with inf. adj. blower in roof ¹⁾	□	□	□	□	□
Air-conditioning ¹⁾	□	□	□	□	□
Rear window wash/wipe	□	□	□	□	□
Work lights roof rear ¹⁾	●	●	●	●	●
Work lights A-pillar, roof front ¹⁾ , mudguard	□	□	□	□	□
Work lights Twin-Power, roof front/rear ¹⁾	□	□	□	□	□
Work lights Xenon A-pillar, rear mudguards	□	□	□	□	□
Terminal bracket	□	□	□	□	□
Roof window	□	□	□	□	□

Engine					
Heated fuel prefilter	□	□	□	□	□
Air filter precleaner	□	□	□	□	□
Cold start automatic	●	●	●	●	●
Engine pre-heater	□	□	□	□	□
Exhaust brake	□	□	□	□	□
Tank cap, lockable	□	□	□	□	□

Transmission					
Turboclutch function	●	●	●	●	●
Cruise control, load limit control	●	●	●	●	●
Shuttle function	●	●	●	●	●
Acoustic signal when reversing	□	□	□	□	□

Chassis / driving safety					
Compressed air system	□	□	□	□	□
Shock load stabilising EPC-B	●	●	●	●	●
Self-levelling front axle suspension	□	□	□	□	□

Standard and optional equipment	309	310	311	312	313
4WD/differential locks					
Central four-wheel drive, maintenance-free	●	●	●	●	●
Comfort engagement 4WD / differential lock	●	●	●	●	●

Powershift PTOs					
Rear: 540/540E /1000 rpm	●	●	●	●	●
Rear: 540/ground PTO/1000 rpm	□	□	□	□	□
Front: 540 rpm or 1000 rpm	□	□	□	□	□
PTO engagement control, electrohydr. preselection	●	●	●	●	●
External rear PTO controls	●	●	●	●	●

Hydraulic system					
Tandem pump, hydraulic oil cooler	●	●	●	●	●
Electrohydraulic lift (EPC-B)	●	●	●	●	●
External rear linkage controls	●	●	●	●	●
Crossgate lever	●	●	●	●	●
Front linkage	□	□	□	□	□
Front loader, front loader mounting parts	□	□	□	□	□

Body					
Low roof version	□	□	□	□	□
Hitch rear	●	●	●	●	●
Automatic hitch with	□	□	□	□	□
Remote control, rear	□	□	□	□	□
Ball-type coupling	□	□	□	□	□
Hitch coupling	□	□	□	□	□
Swinging drawbar	□	□	□	□	□
Piton fix	□	□	□	□	□
Rotating beacon	□	□	□	□	□
Wheel ballast weights rear wheels	□	□	□	□	□
Front weights, various sizes	□	□	□	□	□

¹⁾ = not possible for low roof version
The Fendt on-line configurator:
Here you can put together your own custom Fendt according to your wishes. Visit www.fendt.com