

Model versions

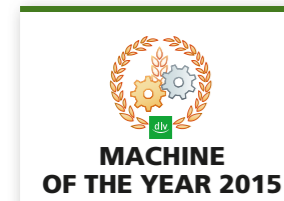
Technical Specifications

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

Fendt 300 Vario Power version



Fendt 300 Vario Profi version



Fendt	310	311	312	313
Engine				
Rated power ECE R 24 (kW/hp)	69 / 93	78 / 107	85 / 116	92 / 126
Maximum power ECE R 24 (kW/hp)	81 / 110	88 / 119	95 / 129	102 / 138
Rated power EC 97 / 68 ¹⁾ (kW/hp)	74 / 100	83 / 113	90 / 123	97 / 133
Maximum power EC 97 / 68 ¹⁾ (kW/hp)	83 / 113	91 / 123	98 / 133	105 / 142
No. of cylinders/cooling	4/water	4/water	4/water	4/water
Cylinder bore/stroke (mm)	108 / 120	108 / 120	108 / 120	108 / 120
Cubic capacity (cm ³)	4400	4400	4400	4400
Rated engine speed (rpm)	2100	2100	2100	2100
Engine speed at max. power (rpm)	1750	1750	1750	1750
Optim. fuel consumption (g/kWh)	199	199	199	199
Max. torque 1550 rpm (Nm)	485	524	559	596
Torque rise (%)	55	47	44	42
Fuel tank (l)	210	210	210	210
AdBlue® (l)	23	23	23	23
Oil change interval operating hrs	500	500	500	500

Transmission/PTO				
Continuously variable Vario transmission ML 75	40 km/h	40 km/h	40 km/h	40 km/h
Speed range: (forward / reverse)	0.02 to 40 km/h / 0.02 to 25 km/h			
Front PTO (rpm)	1000			
Rear PTO (rpm) standard	540 / 540E / 1000			
Rear PTO (rpm) option	540 / 1000 / ground PTO (4.5 rev/driven metre 540/65R34)			

Hydraulics				
Type	Electrohydraulic power lift control with shock load stabilising			
Control	Free floating, position, draft and inf. adj. mix control			
Hydraulic pump capacity (l/min)	Tandem pump (46+38 l) total 84 l/min or load sensing system with control pump 110 l/min			
Working pressure (bar)	200	200	200	200
Auxiliary control valves standard / max.	2 / 4	2 / 4	2 / 4	2 / 4
Max. available oil volume (l)	43	43	43	43
Flow volume, spool valves (Power)	1st valve: 15-65 litres, 2nd and 4th valves: up to 80 litres, 3rd valve with 15-70 litres			
Max. lift capacity, rear linkage (daN)	5960	5960	5960	5960
Max. lift capacity, front linkage (daN)	3130	3130	3130	3130

Brakes				
Rear brakes	Wet ring piston brake			
Four-wheel brake	Automatic 4WD engagement			

Weights and dimensions				
Unladen weight with cab (kg)	4810	4810	4970	4970
Max. perm. overall weight (kg)	8500	8500	8500	8500
Max. perm. front axle load (kg)	4500 (at 8 km/h: 7500)			
Max. perm. rear axle load (kg)	7000	7000	7000	7000
Max. hitch load (kg)	2000	2000	2000	2000
Overall length (mm)	4336	4336	4336	4336
Overall width (mm)	2220	2220	2320	2320
Wheelbase (mm)	2420	2420	2420	2420
Overall height comfort cab (mm)	2820	2820	2860	2860
Distance from centre of axle to upper edge of cab (mm)	2058	2058	2058	2058
Ground clearance with max. tyres (mm)	510	510	510	510
Standard track front (mm)	1685	1685	1820	1820
Standard track rear (mm)	1660	1660	1800	1800

Electrical equipment				
Alternator	14 V / 150 A			
Battery	100 Ah / 12 V			

Tyres				
Standard front	440/65R24	440/65R24	480/65R24	480/65R24
Standard rear	540/65R34	540/65R34	540/65R38	540/65R38
Optional front	480/65R24	480/65R24	16.9R24	16.9R24
Optional rear	540/65R38	540/65R38	18.4R38	18.4R38
Optional front	540/65R24	540/65R24	540/65R24	540/65R24
Optional rear	600/65R38	600/65R38	600/65R38	600/65R38

Equipment levels	Power	Profi
Vario controls		
Vario joystick with 2x cruise control, 1x engine speed memory, automated functions rear	●	
Multi-function joystick with 2x cruise control, 2x engine speed memory, automatic functions, controls for hydraulics		●
Varioterminal 7-A with key control		●
Variotronic implement control (ISOBUS)		□
Variotronic ¹⁾ Headland Management System		●
Vario TMS Tractor Management System	●	●

Cab	Power	Profi
One-piece windscreen	●	●
One-piece windscreen and door on right	□	□
Split windscreen and door on right	□	□
Mechanical cab suspension	□	●
Pneumatic cab suspension		□
Height and tilt-adjustable steering column	●	●
Comfort seat, air suspended with back rest (w/o rotary adapter/seat cushion adjustment, armrest adjustment right)	●	●
Super comfort seat with seat heater, lumbar support, rotary adapter, seat cushion adjustment, armrest adjustment on both sides	□	□
Passenger seat with automatic seat belt	●	●
Radio mounting kit with 2 stereo speakers	●	●
Radio CD MP3 Blaupunkt with 2 stereo speakers	□	□
4 stereo speakers		□
Air-conditioning	●	●
Automatic climate control		□
Pollutant filter (aerosol)	●	●
Segment wipers front	●	●
Parallel wipers front	□	□
Rear window heated	□	□
Ext. rearview mirror, mechanically adjustable	●	●
Ext. rearview mirror, electrically adjustable, heated		□
Ext. rearview mirror and wide-angle mirror mechanically adjustable	□	
Ext. rearview mirror electrically adjustable and wide-angle mirror heated		□
Interior rearview mirror		●
Work lights roof, 4 rear, 2 front	□	●
Work lights A-pillar, roof front, mudguard rear	□	□
Work light LED A-pillar, mudguard rear	□	□
Ambient lighting	●	●
Bracket for auxiliary devices	□	□
Cooling compartment	●	●
Electric battery disconnect switch	□	□
Add. Additional storage space, light in roof liner left		●

Engine / Transmission	Power	Profi
Preheater unit (engine, transmission oil)	□	□
Shuttle function, stop-and-go function	●	●
Acoustic signal when reversing		□

Chassis / safety features	Power	Profi
Compressed air system 1-/2-line system	□	□
Automatic trailer steering axle lock		□
Compressed air Duomatic coupling	□	□

4WD / differential locks	Power	Profi
Comfort engagement controls for 4WD / differential locks	●	●
Rear / front differential with 100% disc locking and steering angle sensors	□	●

Equipment levels	Power	Profi
Power shift PTOs		
Rear PTO (540/540E/1,000 rpm)	●	●
Flanged PTO (540/540E/1,000 rpm)	□	□
Rear PTO (540/ground PTO /1,000 rpm)	□	□
Front: 1,000 rpm	□	□
External controls for rear PTO	●	●

Hydraulics	Power	Profi
Load-sensing system with 110 l/min delivery capacity	□	●
Electrohydraulic rear linkage sa (EPC)	●	●
1st and 2nd hydraulic valve at rear	●	●
1st hydraulic valve middle and rear	●	●
3rd hydraulic valve at rear	□	□
3rd valve middle and rear	□	□
3rd valve middle (instead of 3rd valve rear)		□
4th valve rear	□	□
Return rear	●	●
Return middle right	●	●
Unpressurised return rear (case drain)	□	□
Hydraulic power beyond connection	□	□
Hydraulic valve actuation crossgate lever (Power mechanical, Profi electric), CUP couplings rear	●	●
DCUP couplings in rear (1st – 4th valve)	□	□
Top link rear hydraulic	□	□
Front linkage sa/da (connection middle 1st / 3rd valve)	□	
Comfort front linkage sa/da, external controls (separate valve)		□
Comfort front linkage sa/da, with position control (EHR), external controls (separate valve)		□
Comfort front linkage sa/da, with position control (EHR) and load relief control, as well as external controls (separate valve)		□

Body	Power	Profi
Mechanical hitch	●	●
Auto. hitch with remote control, rear	□	□
Ball-type coupling, height adjustable	□	□
Ball-type coupling in the bottom hitch	□	□
Hitch	□	□
Swinging drawbar	□	□
PitonFix	□	□
Rotating beacon left and right	□	□
Pivoting front wheel mudguard	□	●
Front weights, various sizes	□	□
Ballast weights for rear wheels	□	□

Front loader	Power	Profi
Front loader attachment parts	□	□
Front loader Cargo 3X/70	□	□
Front loader Cargo 4X/75	□	□
Front loader Cargo 4X/75 compact	□	□
Front loader Cargo 4X/75 profi	□	□