

Standard and optional equipment
 Standard: ■
 Optional: □

FENDT 300 VARIO

Equipment variants.

| | Power | Profi | ProfiPlus |
|--|--------------------------|--------------------------|--------------------------|
| Transmission | | | |
| Acoustic signal when reversing | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Vario operation | | | |
| Speed control lever with cruise control and engine speed memory, automatic modes | ■ | | |
| Multi-function joystick with cruise control, engine speed memory, automatic modes, controls for hydraulics | | ■ | ■ |
| Varioterminal 7" with touchscreen and key control | | ■ | ■ |
| Variotronic implement control for ISOBUS | | <input type="checkbox"/> | <input type="checkbox"/> |
| Variotronic TM - Headland Management System | | ■ | ■ |
| Guidance system VarioGuide NovAtel / Trimble | | | <input type="checkbox"/> |
| Cab | | | |
| Mechanical cab suspension | <input type="checkbox"/> | ■ | ■ |
| Pneumatic cab suspension | | <input type="checkbox"/> | <input type="checkbox"/> |
| Super comfort seat 3-point belt | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Comfort seat, air sprung | ■ | ■ | ■ |
| Super Comfort Seat, air sprung | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Air-conditioning | ■ | ■ | ■ |
| Integrated automatic climate control | | <input type="checkbox"/> | <input type="checkbox"/> |
| Split windscreen and door on right | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Continuous windscreen | ■ | ■ | ■ |
| One-piece windscreen and door on right | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Rear window heated | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Rear window wash/wipe | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Radio mounting kit with two stereo speakers | ■ | ■ | ■ |
| Radio CD MP3 | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Radio CD MP3 hands-free speaking system | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Brake level device | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Electric battery disconnect switch | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Lighting | | | |
| Auxiliary lights front | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Work lights A-pillar | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Front external roof work lights 2x | ■ | ■ | ■ |
| LED front external roof work lights 2x | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Front internal roof work lights 2x | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| LED front internal roof work lights 2x | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Rotating beacons | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Chassis | | | |
| Front axle suspension self-levelling, lockable | <input type="checkbox"/> | ■ | ■ |
| Automatic trailer steering axle lock | | <input type="checkbox"/> | <input type="checkbox"/> |
| Compressed air system 1-/2- circuit system | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

4WD

| | Power | Profi | ProfiPlus |
|---|--------------------------|-------|-----------|
| Rear / front differential with 100% disc locking and steering angle sensors | <input type="checkbox"/> | ■ | ■ |

Power lift

| | Power | Profi | ProfiPlus |
|--|--------------------------|--------------------------|--------------------------|
| Da front power lift, with external control (separate valve) | | <input type="checkbox"/> | <input type="checkbox"/> |
| Front power lift sa/da (connection middle 1st / 3rd valve) | <input type="checkbox"/> | | |
| Comfort front power lift da, with position control, external controls | | <input type="checkbox"/> | <input type="checkbox"/> |
| Comfort front power lift da, with position control and relief control, external controls | | <input type="checkbox"/> | <input type="checkbox"/> |
| Externally controlled rear power lift | ■ | ■ | ■ |

PTO

| | Power | Profi | ProfiPlus |
|--|--------------------------|--------------------------|--------------------------|
| Front: 1000 rpm | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Rear PTO 540/540E/1000 rpm | ■ | ■ | ■ |
| Rear: Flanged PTO 540/540E/1000 rpm | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| External controls for rear PTO | ■ | ■ | ■ |
| PTO comfort control, electrohydr. preselection | ■ | ■ | ■ |

Hydraulics

| | Power | Profi | ProfiPlus |
|--|--------------------------|--------------------------|--------------------------|
| External control for hydraulic control unit at rear | | <input type="checkbox"/> | <input type="checkbox"/> |
| Hydraulic tandem pump, hydraulic oil cooler (46+ 38 l/min) | ■ | | |
| Load sensing system with axial piston pump (110 l/min) | <input type="checkbox"/> | ■ | ■ |
| 1. EHS valve middle and rear, 2nd hydraulic valve rear | <input type="checkbox"/> | | |
| 3. EHS valve middle and rear | <input type="checkbox"/> | | |
| 4. EHS valve at rear | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

Additional equipment

| | Power | Profi | ProfiPlus |
|---|--------------------------|--------------------------|--------------------------|
| Manual hitch | ■ | ■ | ■ |
| Automatic trailer hitch with remote control, rear | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Ball coupling, height adjustable | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Hitch | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Drawbar | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Piton-fix | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Wheel weights, rear wheels | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Pivoting front wheel mudguard | <input type="checkbox"/> | ■ | ■ |

Front loader

| | Power | Profi | ProfiPlus |
|----------------------------------|--------------------------|--------------------------|--------------------------|
| Front loader attachment parts | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Front loader Cargo 3X/70 | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Front loader Cargo 4X/75 Compact | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Front loader Cargo 4X/75 Profi | | <input type="checkbox"/> | <input type="checkbox"/> |

FENDT 300 VARIO

Technical specifications.



| | | 310 Vario | 311 Vario | 312 Vario | 313 Vario |
|-------------------------|--------|-----------|-----------|-----------|-----------|
| Engine | | | | | |
| Rated power ECE R 120 | kW/hp | 74/ 100 | 83/ 113 | 90/ 123 | 97/133 |
| Maximum power ECE R 120 | kW/hp | 83/ 113 | 90/ 123 | 98/ 133 | 105/142 |
| No. of cylinders | Number | 4 | 4 | 4 | 4 |
| Cylinder bore/stroke | mm | 108/ 120 | 108/ 120 | 108/ 120 | 108/ 120 |
| Cubic capacity | cm³ | 4400 | 4400 | 4400 | 4400 |
| Rated speed | rpm | 2100 | 2100 | 2100 | 2100 |
| Max. torque at 1550 rpm | Nm | 485 | 524 | 559 | 596 |
| Torque rise | % | 55.0 | 47.0 | 44.0 | 42.0 |
| Fuel level | litres | 210.0 | 210.0 | 210.0 | 210.0 |
| AdBlue tank | litres | 23.0 | 23.0 | 23.0 | 23.0 |

Transmission and PTO

| | | 310 Vario | 311 Vario | 312 Vario | 313 Vario |
|--|------|-----------------|-----------------|-----------------|-----------------|
| Transmission type | | ML 75 | ML 75 | ML 75 | ML 75 |
| Speed range forward | km/h | 0,02-40 | 0,02-40 | 0,02-40 | 0,02-40 |
| Speed range reverse | km/h | 0,02-25 | 0,02-25 | 0,02-25 | 0,02-25 |
| Top speed | km/h | 40 | 40 | 40 | 40 |
| Rear PTO | | 540/ 540E/ 1000 | 540/ 540E/ 1000 | 540/ 540E/ 1000 | 540/ 540E/ 1000 |
| Rear PTO option (including ground speed PTO) | | 540/1000/4,2 | 540/1000/4,2 | 540/1000/4,2 | 540/1000/4,2 |
| Front PTO option | | 1000 | 1000 | 1000 | 1000 |

Power lift and hydraulics

| | | 310 Vario | 311 Vario | 312 Vario | 313 Vario |
|--|--------|-----------|-----------|-----------|-----------|
| Dual hydraulic pump | l/min | 46+38 | 46+38 | 46+38 | 46+38 |
| Variable flow pump | l/min | 110 | 110 | 110 | 110 |
| Working pressure / control pressure | bar | 200 | 200 | 200 | 200 |
| Max. valves (front/centre/rear) Power | Number | 0/2/4 | 0/2/4 | 0/2/4 | 0/2/4 |
| Max. valves (front/centre/rear) Profi | Number | 0/0/4 | 0/0/4 | 0/0/4 | 0/0/4 |
| Max. available hydraulic oil volume | litres | 43 | 43 | 43 | 43 |
| Max. lift capacity of rear power lift | daN | 5960 | 5960 | 5960 | 5960 |
| Max. lift capacity of front power lift | daN | 3130 | 3130 | 3130 | 3130 |

Tyres

| | 310 Vario | 311 Vario | 312 Vario | 313 Vario |
|-------------------------|-----------|-----------|-----------|-----------|
| Front tyres (standard) | 440/65R24 | 440/65R24 | 480/65R24 | 480/65R24 |
| Standard tyres rear | 540/65R34 | 540/65R34 | 540/65R38 | 540/65R38 |
| 1. Optional front tyres | 480/65R24 | 480/65R24 | 16.9R24 | 16.9R24 |
| 1. Optional rear tyres | 540/65R38 | 540/65R38 | 18.4R38 | 18.4R38 |
| 2. Optional front tyres | 540/65R24 | 540/65R24 | 540/65R24 | 540/65R24 |
| 2. Optional rear tyres | 600/65R38 | 600/65R38 | 600/65R38 | 600/65R38 |

Dimensions

| | | 310 Vario | 311 Vario | 312 Vario | 313 Vario |
|---|----|-----------|-----------|-----------|-----------|
| Front track width (standard tyres) | mm | 1685 | 1685 | 1820 | 1820 |
| Rear track width (standard tyres) | mm | 1660 | 1660 | 1800 | 1800 |
| Overall width with standard tyres | mm | 2220 | 2220 | 2320 | 2320 |
| Overall length | mm | 4336 | 4336 | 4336 | 4336 |
| Overall height - comfort cab | mm | 2820 | 2820 | 2860 | 2860 |
| Overall cab height with standard tyres without VarioGuide | mm | 2820 | 2820 | 2860 | 2860 |
| Overall cab height with standard tyres with VarioGuide | mm | 2870 | 2870 | 2910 | 2910 |
| Max. ground clearance | mm | 510 | 510 | 510 | 510 |
| Wheelbase | mm | 2420 | 2420 | 2420 | 2420 |

Weights

| | | 310 Vario | 311 Vario | 312 Vario | 313 Vario |
|---|----|-----------|-----------|-----------|-----------|
| Unladen weight (base tractor with cab - full tanks, without driver) | kg | 4810.0 | 4810.0 | 4970.0 | 4970.0 |
| Max. permissible overall weight | kg | 8500.0 | 8500.0 | 8500.0 | 8500.0 |
| Max. trailer hitch load | kg | 2000.0 | 2000.0 | 2000.0 | 2000.0 |