

Equipment Packages

Standard and optional equipment

Standard: ■

Optional: □

| | Power | Profi | Profi+ |
|--|--------------------------|--------------------------|--------------------------|
| Engine | | | |
| Preheater unit (engine, transmission oil) | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Transmission | | | |
| Shuttle function, stop-and-go function | ■ | ■ | ■ |
| Reverse Alarm | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Guidance system | | | |
| Guidance system basic package | | | ■ |
| Standard Trimble / NovAtel | | | <input type="checkbox"/> |
| RTK Trimble / NovAtel | | | <input type="checkbox"/> |
| TI Auto | | | |
| Contour Assistant | | | <input type="checkbox"/> |
| Agronomy | | | |
| Agronomy basic package | | | ■ |
| Telemetry | | | |
| Telemetry basic package | | <input type="checkbox"/> | <input type="checkbox"/> |
| Machine control | | | |
| Machine control basic package | | <input type="checkbox"/> | ■ |
| Section Control | | | <input type="checkbox"/> |
| Variable Rate Control | | | <input type="checkbox"/> |
| Vario operation | | | |
| Multi-function joystick with cruise control, engine speed memory, automatic modes, controls for hydraulics | ■ | ■ | ■ |
| 3L joystick | | <input type="checkbox"/> | <input type="checkbox"/> |
| Individual Operation Manager – flexible key assignment | ■ | ■ | ■ |
| Digital Dashboard | ■ | ■ | ■ |
| 12" terminal with touchscreen and key control | | ■ | ■ |
| Second 12" terminal in roof | | <input type="checkbox"/> | <input type="checkbox"/> |
| Fendt Active steering | | | ■ |
| Cab | | | |
| Active charcoal filter | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 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"/> |

| | Power | Profi | Profi+ |
|--|--------------------------|--------------------------|--------------------------|
| Air-conditioning | ■ | ■ | ■ |
| Integrated automatic climate control | <input type="checkbox"/> | <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 wash/wipe | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Rear view mirror and wide-angle mirror electrically adjustable, heated | | <input type="checkbox"/> | <input type="checkbox"/> |
| Auxiliary device holder | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Universal mobile phone holder | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Universal tablet holder | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Radio mounting kit with two stereo speakers | ■ | ■ | ■ |
| Infotainment package | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Infotainment bundle + 4.1 sound system | | <input type="checkbox"/> | <input type="checkbox"/> |
| 4 camera connections (digital/analogue) | | <input type="checkbox"/> | <input type="checkbox"/> |
| 4 USB ports | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Fendt Reaction steering system | ■ | ■ | ■ |
| 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"/> |

| | Power | Profi | Profi+ |
|---|--------------------------|--------------------------|--------------------------|
| Chassis | | | |
| Front axle suspension self-leveling, lockable | ■ | ■ | ■ |
| Steering brake | ■ | ■ | ■ |
| Automatic trailer steering axle lock | | <input type="checkbox"/> | <input type="checkbox"/> |
| Compressed air system 2-circuit system | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

| | Power | Profi | Profi+ |
|---|-------|-------|--------|
| 4WD / differential locks | | | |
| Rear / front differential with 100% disc locking and steering angle sensors | ■ | ■ | ■ |

| | Power | Profi | Profi+ |
|--|--------------------------|--------------------------|--------------------------|
| Power lift | | | |
| Sa front power lift, with external control (separate valve) | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Comfort front power lift da, with position control, external controls | <input type="checkbox"/> | <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"/> | <input type="checkbox"/> |
| Electrohydraulic power lift sa (EHR), with external controls | ■ | ■ | ■ |
| Externally controlled rear power lift | ■ | ■ | ■ |

| | Power | Profi | Profi+ |
|--|-------|-------|--------|
| PTO | | | |
| Rear PTO 540/540E/1000 rpm | ■ | ■ | ■ |
| External controls for rear PTO | ■ | ■ | ■ |
| PTO comfort control, electrohydr. preselection | ■ | ■ | ■ |

| | Power | Profi | Profi+ |
|---|--------------------------|--------------------------|--------------------------|
| Hydraulics | | | |
| EHS valve actuation crossgate lever, multi-function joystick | ■ | ■ | ■ |
| EHS valve actuation linear module* | <input type="checkbox"/> | ■ | ■ |
| External control for hydraulic control unit at rear | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Load sensing system with axial piston pump (110 l/min) | ■ | ■ | ■ |
| 1st and 2nd EHS valve at rear | ■ | ■ | ■ |
| 3rd EHS valve at rear | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 4th EHS valve at rear or 3rd EHS valve at rear and 1st EHS valve in front | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Unpressurised rear return flow | ■ | ■ | ■ |
| Rear DCUP couplings (connect under pressure) | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

| | Power | Profi | Profi+ |
|----------------------------------|--------------------------|--------------------------|--------------------------|
| Front loader | | | |
| Front loader Cargo 4X/75 | <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 Series Specifications

| | | 311 Vario | 312 Vario | 313 Vario | 314 Vario |
|---|---------|-----------|-----------|-----------|-----------|
| Engine | | | | | |
| Rated hp | kW/hp | 60/81 | 68/91 | 74/99 | 85/114 |
| Rated power ECE R 120 | kW/hp | 74/100 | 83/113 | 90/123 | 97/132 |
| Rated power with DP ECE R 120 (approval rating) | kW/hp | | | | 104/142 |
| Maximum power ECE R 120 | kW/hp | 83/113 | 90/123 | 98/133 | 104/142 |
| Maximum power with DP ECE R 120 | kW/hp | | | | 112/152 |
| 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 1500 rpm | Nm | 497 | 536 | 571 | 608 |
| Max. torque with DP at 1500 rpm | Nm | | | | 650 |
| Torque rise | % | 48.3 | 41.5 | 38.9 | 37.2 |
| Fuel level | gallons | 55.5 | 55.5 | 55.5 | 55.5 |
| DEF tank | gallons | 6.0 | 6.0 | 6.0 | 6.0 |

| | | 311 Vario | 312 Vario | 313 Vario | 314 Vario |
|--|------------|-----------|---------------------------|-----------|-----------|
| Transmission and PTO | | | | | |
| Speed range forward | km/h / mph | | 0.02–40 / 65 ft./hr.–25 | | |
| Speed range reverse | km/h / mph | | 0.02–25 / 65 ft./h–15 mph | | |
| Rear PTO | | | 540/ 540E/ 1000 | | |
| Rear PTO option (including ground speed PTO) | | | 540/1000/4,2 | | |

| | | 311 Vario | 312 Vario | 313 Vario | 314 Vario |
|--|-------------|-----------|-----------|-----------|-----------|
| Power lift and hydraulics | | | | | |
| Variable flow pump | l/min / GPM | 110/29 | 110/29 | 110/29 | 110/29 |
| Working pressure / control pressure | PSI | 2,900 | 2,900 | 2,900 | 2,900 |
| Max. valves (front/centre/rear) | number | 0/0/4 | 0/0/4 | 0/0/4 | 0/0/4 |
| Max. valves available as an option (front/centre/rear) | number | 1/0/3 | 1/0/3 | 1/0/3 | 1/0/3 |
| 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 |

| | | 311 Vario | 312 Vario | 313 Vario | 314 Vario |
|------------------------------------|----|-----------|-----------|-----------|-----------|
| Dimensions | | | | | |
| Front track width (standard tires) | mm | 1685 | 1685 | 1820 | 1820 |
| Rear track width (standard tires) | mm | 1660 | 1660 | 1800 | 1800 |
| Overall width with standard tires | mm | 2220 | 2220 | 2320 | 2320 |
| Overall length | mm | 4336 | 4336 | 4336 | 4336 |

| | | 311 Vario | 312 Vario | 313 Vario | 314 Vario |
|---|---------|--------------|--------------|--------------|--------------|
| Weights | | | | | |
| Overall cab height with standard tires without Fendt Guide | mm | 2820 | 2820 | 2860 | 2860 |
| Overall cab height with standard tires with Fendt Guide | mm | 2870 | 2870 | 2910 | 2910 |
| Max. ground clearance | mm | 510 | 510 | 510 | 510 |
| Wheelbase | mm | 2420 | 2420 | 2420 | 2420 |
| Unladen weight (base tractor with cab - full tanks, without driver) | kg/lbs. | 4,850/10,692 | 4,850/10,692 | 5,010/11,045 | 5,010/11,045 |
| Max. permissible overall weight | kg/lbs. | 8,500/18,739 | 8,500/18,739 | 8,500/18,739 | 8,500/18,739 |
| Max. trailer hitch load | kg/lbs. | 2,000/4,409 | 2,000/4,409 | 2,000/4,409 | 2,000/4,409 |



FENDT 300 VARIO SERIES