

Standard and optional equipment
 Standard: ■
 Optional: □

FENDT 900 VARIO MT

Equipment variants.

| Engine | |
|---|--------------------------|
| Reversible fan | <input type="checkbox"/> |
| Engine pre-heating | <input type="checkbox"/> |
| Preheater unit (engine, transmission oil) | <input type="checkbox"/> |

| Transmission | |
|--|---|
| Vario TMS - Tractor Management System | ■ |
| Shuttle function, stop-and-go function | ■ |
| Cruise control | ■ |

| Vario operation | |
|--|--------------------------|
| Speed control lever with cruise control and engine speed memory, automatic modes | ■ |
| Varioterminal 10.4" with touchscreen and key control | ■ |
| Variotronic TM - Headland Management System | ■ |
| Variotronic TM - Automatic | ■ |
| ready for automatic steering system | ■ |
| Guidance system VarioGuide NovAtel / Trimble | <input type="checkbox"/> |
| VarioDoc - documentation system (only with Varioterminal 10.4") | ■ |
| VarioDoc Pro - documentation system | <input type="checkbox"/> |
| SectionControl | <input type="checkbox"/> |
| VariableRateControl | <input type="checkbox"/> |

| Cab | |
|---|--------------------------|
| Mechanical cab suspension | <input type="checkbox"/> |
| Comfort seat, air sprung | ■ |
| Super Comfort Seat, air sprung | <input type="checkbox"/> |
| Instructor seat | ■ |
| Height and tilt-adjustable steering column | ■ |
| Heating with stepless fans | ■ |
| Air-conditioning | ■ |
| Integrated automatic climate control | <input type="checkbox"/> |
| Roller shade rear | <input type="checkbox"/> |
| Roller shade right | <input type="checkbox"/> |
| Parallel wipers front | ■ |
| Rear window wash/wipe | ■ |
| Ext. rearview mirror, electrically adjustable, heated | ■ |
| Radio CD MP3 hands-free speaking system | <input type="checkbox"/> |
| Radar sensor | ■ |

| Lighting | |
|----------------------------|--------------------------|
| Halogen headlights | ■ |
| Rear working lights | ■ |
| Work lights A-pillar | ■ |
| A-pillar LED work lights | <input type="checkbox"/> |
| Roof rear LED work lights | <input type="checkbox"/> |
| Roof front LED work lights | <input type="checkbox"/> |
| 3. Brake lights | ■ |
| Rotating beacons | ■ |

| Chassis | |
|--|--------------------------|
| ContantGrip suspension | ■ |
| SmartRide suspension system | ■ |
| Infinite track adjustment | ■ |
| Conveyor with standard design | ■ |
| Conveyor with reinforcement | <input type="checkbox"/> |
| Compressed air system 1-/2- circuit system | ■ |

| Power lift | |
|---|---|
| Tractive power and stepless mixed control | ■ |
| Externally controlled rear power lift | ■ |

| PTO | |
|----------------------------------|---|
| Rear: Flanged PTO 1000/1000E rpm | ■ |
| External controls for rear PTO | ■ |

| Hydraulics | |
|--|--------------------------|
| EHS valve actuation linear module | ■ |
| Load sensing system with axial piston pump (220 l/min) | ■ |
| Up to 6 electr. proportional valves | <input type="checkbox"/> |
| Hydraulic power beyond connection | <input type="checkbox"/> |
| Unpressurised rear return flow | <input type="checkbox"/> |
| FFC flat-gasket rear hydraulic couplings | <input type="checkbox"/> |
| Double connect-under-pressure lever couplings rear | ■ |

| Additional equipment | |
|--|--------------------------|
| Automatic trailer hitch without remote control, rear | ■ |
| Drawbar category 4 | ■ |
| Drawbar category 4 with category 3 adapter | <input type="checkbox"/> |
| Front weights, various sizes | <input type="checkbox"/> |
| Wide vehicle marker | <input type="checkbox"/> |

FENDT 900 VARIO MT

Technical Specifications.



| | | 938 MT | 940 MT | 943 MT |
|-------------------------|-----------------|-----------|-----------|-----------|
| Engine | | | | |
| Rated power ECE R 120 | kW/hp | 279/380 | 298/405 | 317/431 |
| Maximum power ECE R 120 | kW/hp | 279/380 | 298/405 | 317/431 |
| No. of cylinders | Number | 7 | 7 | 7 |
| Cylinder bore/stroke | mm | 111/145 | 111/145 | 111/145 |
| Cubic capacity | cm ³ | 9800 | 9800 | 9800 |
| Rated speed | rpm | 1700 | 1700 | 1700 |
| Max. torque at 1450 rpm | Nm | 1698 | 1806 | 1921 |
| Fuel level | litres | 681.0 | 681.0 | 681.0 |
| AdBlue tank | litres | 71.0 | 71.0 | 71.0 |
| Constant power range | rpm | 1600-1700 | 1600-1700 | 1600-1700 |

| Transmission and PTO | | | | |
|---|------|------------|------------|------------|
| Transmission type | | TA 300T | TA 300T | TA 300T |
| Top speed | km/h | 40 | 40 | 40 |
| Rear PTO | | 1000/1000E | 1000/1000E | 1000/1000E |
| Engine rpm at rated speed of rear PTO (1000 PTO) | rpm | 1650 | 1650 | 1650 |
| Engine rpm at rated speed of rear PTO (1000E PTO) | rpm | 1255 | 1255 | 1255 |

| Power lift and hydraulics | | | | |
|--|----------------|-------|-------|-------|
| Variable flow pump | l/min | 220 | 220 | 220 |
| Variable flow pump option 1 | l/min | 440 | 440 | 440 |
| Working pressure / control pressure | bar | 200 | 200 | 200 |
| Max. valves (front/centre/rear) | Number | 0/0/6 | 0/0/6 | 0/0/6 |
| Max. hydraulic oil filling | approx. litres | 125 | 125 | 125 |
| Max. available hydraulic oil volume | litres | 100 | 100 | 100 |
| Flow rate of control valves (all valves) | litres | 140 | 140 | 140 |
| Max. lift capacity of rear power lift | daN | 11500 | 11500 | 11500 |

| Electrical features | | | | |
|---|---|----|----|----|
| Max. transferable current ISOBUS socket | A | 60 | 60 | 60 |

| Caterpillar tracks | | | | |
|--|---------|-----------------|-----------------|-----------------|
| Central carrier suspension | | SmartRide | SmartRide | SmartRide |
| Swing angle of the primary suspension | degrees | 11 | 11 | 11 |
| Suspension travel of the front guiding wheel | mm | 260 | 260 | 260 |
| Chassis suspension | | ConstantGrip | ConstantGrip | ConstantGrip |
| Total width of driving wheel | mm | 225 | 225 | 225 |
| Total width of track roller | mm | 224 | 224 | 224 |
| Series caterpillar track | | 25" Standard AG | 25" Standard AG | 25" Standard AG |
| 1. Optional caterpillar track | | 25" Extreme AG | 25" Extreme AG | 25" Extreme AG |
| 2. Optional caterpillar track | | 25" Extreme APP | 25" Extreme APP | 25" Extreme APP |
| 3. Optional caterpillar track | | 30" Extreme AG | 30" Extreme AG | 30" Extreme AG |

| Dimensions | | | | |
|---|----|------|------|------|
| Track width (for series caterpillar track) | mm | 2032 | 2032 | 2032 |
| Minimum track width (for series caterpillar track) | mm | 2032 | 2032 | 2032 |
| Maximum track width (for series caterpillar track) | mm | 2235 | 2235 | 2235 |
| Total width for series caterpillar track | mm | 2667 | 2667 | 2667 |
| Overall length | mm | 5993 | 5993 | 5993 |
| Overall height - comfort cab | mm | 3515 | 3515 | 3515 |
| Max. ground clearance | mm | 368 | 368 | 368 |
| Wheel base (driving wheel to the front guiding wheel) | mm | 2565 | 2565 | 2565 |

| Weights | | | | |
|---|----|---------|---------|---------|
| Unladen weight (base tractor with cab - full tanks, without driver) | kg | 15169.0 | 15169.0 | 15169.0 |
| Max. permissible overall weight | kg | 20900.0 | 20900.0 | 20900.0 |
| Max. trailer hitch load | kg | 3628.0 | 3628.0 | 3628.0 |