

Standard and optional equipment
 Standard: ■
 Optional: □

FENDT 800 VARIO

Equipment variants.

| | Power | PowerPlus | Profi | ProfiPlus |
|--|-------|-----------|-------|-----------|
| Engine | | | | |
| Reversible fan | □ | □ | □ | □ |
| Fuel pre-filter (heated) | □ | □ | □ | □ |
| Preheater unit (engine, transmission, hydraulic oil) | □ | □ | □ | □ |
| Exhaust brake | □ | □ | □ | □ |

| | Power | PowerPlus | Profi | ProfiPlus |
|--|-------|-----------|-------|-----------|
| Transmission | | | | |
| Shuttle function, stop-and-go function | ■ | ■ | ■ | ■ |
| Acoustic signal when reversing | □ | □ | □ | □ |

| | Power | PowerPlus | Profi | ProfiPlus |
|--|-------|-----------|-------|-----------|
| Vario operation | | | | |
| Speed control lever with cruise control and engine speed memory | ■ | ■ | | |
| Multi-function joystick with cruise control, engine speed memory, automatic modes, controls for hydraulics | | | ■ | ■ |
| Varioterminal 7" with touchscreen and key control | ■ | ■ | ■ | |
| Varioterminal 10.4" with touchscreen and key control | | | □ | ■ |
| Variotronic implement control for ISOBUS | □ | ■ | ■ | ■ |
| Variotronic TM - Headland Management System | | | ■ | ■ |
| Guidance system VarioGuide NovAtel / Trimble | | □ | | □ |
| VarioDoc - documentation system (only with Varioterminal 10.4") | | | □ | ■ |
| VarioDoc Pro - documentation system | | | | ■ |
| SectionControl | | | | □ |
| VariableRateControl | | | | □ |
| Electronic immobiliser | ■ | ■ | ■ | ■ |
| Without immobiliser | □ | □ | □ | □ |

| | Power | PowerPlus | Profi | ProfiPlus |
|--|-------|-----------|-------|-----------|
| Cab | | | | |
| Active charcoal filter | □ | □ | □ | □ |
| Mechanical cab suspension | ■ | ■ | ■ | ■ |
| Pneumatic cab suspension, 3-point with integral self-levelling | □ | □ | □ | □ |
| Super Comfort Seat, air sprung | ■ | ■ | ■ | ■ |
| Super comfort seat Evolution dynamic / CA | □ | □ | □ | □ |
| Super Comfort Seat Evolution active DuMo leather/CA | □ | □ | □ | □ |
| Super Comfort Seat Evolution active DuMo/CA | □ | □ | □ | □ |
| Super Comfort Seat Evolution dynamic DuMo/CA | □ | □ | □ | □ |
| Super Comfort Seat Evolution dynamic DuMo leather / CA | | □ | □ | □ |
| Comfort instructor seat | □ | □ | □ | □ |
| Integrated automatic climate control | ■ | ■ | ■ | ■ |
| Front windscreen laminated safety glass, heated | □ | □ | □ | □ |
| Rear window heated | □ | □ | □ | □ |
| Roller shade rear | □ | □ | □ | □ |
| 300°-front windscreen wipers (with continuous windscreen) | ■ | ■ | ■ | ■ |
| Rear window wash/wipe | □ | □ | □ | □ |
| Radio mounting kit with two stereo speakers | ■ | ■ | ■ | ■ |
| Radio CD MP3 | □ | □ | □ | □ |
| Radio CD MP3 hands-free speaking system | □ | □ | □ | □ |
| EC tachograph | □ | □ | □ | □ |
| Fendt Reaction steering system | ■ | ■ | ■ | ■ |
| Radar sensor | □ | □ | □ | □ |
| Reverse drive control | □ | □ | □ | □ |
| Cool box | □ | □ | □ | □ |

| | Power | PowerPlus | Profi | ProfiPlus |
|---|-------|-----------|-------|-----------|
| Chassis | | | | |
| FSC Fendt Stability Control | □ | □ | □ | □ |
| Front axle suspension, +/- 60 mm suspension travel | ■ | ■ | ■ | ■ |
| Steering brake | □ | □ | □ | □ |
| Single-circuit braking system 1 pedal | ■ | ■ | ■ | ■ |
| Single-circuit braking system, 2 pedals and steering clutch brake | □ | □ | □ | □ |
| Dual-circuit braking system with FSC Fendt Stability Control | | | □ | □ |
| Automatic trailer steering axle lock | □ | □ | □ | □ |
| Compressed air Duomatic coupling | □ | □ | □ | □ |
| VarioGrip tyre pressure regulation system | □ | □ | □ | □ |

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

| | Power | PowerPlus | Profi | ProfiPlus |
|--|-------|-----------|-------|-----------|
| Power lift | | | | |
| Sa front power lift, with external control (separate valve) | □ | □ | □ | □ |
| Comfort front power lift da, with position control, external controls | | | □ | □ |
| Comfort front power lift da, with position control and relief control, external controls | | | □ | □ |
| Hydraulic lower link lateral stabiliser | □ | □ | □ | □ |
| Lower link tail arrester cat. 4 | □ | □ | □ | □ |

| | Power | PowerPlus | Profi | ProfiPlus |
|----------------------------------|-------|-----------|-------|-----------|
| PTO | | | | |
| Front: 1000 rpm | □ | □ | □ | □ |
| Rear: Flanged PTO 540E/1000 rpm | ■ | ■ | ■ | ■ |
| Rear: Flanged PTO 1000/1000E rpm | □ | □ | □ | □ |

| | Power | PowerPlus | Profi | ProfiPlus |
|--|-------|-----------|-------|-----------|
| Hydraulics | | | | |
| EHS valve actuation crossgate lever, multi-function joystick | | | ■ | ■ |
| EHS valve actuation linear module | ■ | ■ | ■ | ■ |
| External control for hydraulic control unit at rear | ■ | ■ | ■ | ■ |
| Load sensing system with axial piston pump (152 l/min) | ■ | ■ | ■ | ■ |
| Load sensing system with axial piston pump (205 l/min) | □ | □ | □ | □ |
| Hydraulic power beyond connection | □ | □ | □ | □ |
| Return rear | ■ | ■ | ■ | ■ |
| Unpressurised rear return flow | □ | □ | □ | □ |
| FFC flat-gasket rear hydraulic couplings | | | □ | □ |
| Double connect-under-pressure lever couplings rear | □ | □ | □ | □ |
| CUP coupling rear | ■ | ■ | ■ | ■ |
| Bio hydraulic oil | □ | □ | □ | □ |

| | Power | PowerPlus | Profi | ProfiPlus |
|--|-------|-----------|-------|-----------|
| Additional equipment | | | | |
| Manual hitch | □ | □ | □ | □ |
| Automatic trailer hitch with remote control, rear | ■ | ■ | ■ | ■ |
| Ball coupling, height adjustable | □ | □ | □ | □ |
| Ball coupling, short, in the bottom hitch | □ | □ | □ | □ |
| Ball coupling, long, in the bottom hitch | □ | □ | □ | □ |
| Hitch | □ | □ | □ | □ |
| Drawbar | □ | □ | □ | □ |
| Piton-fix | □ | □ | □ | □ |
| Comfort ballast for front-end weight (not available with front power lift) | ■ | ■ | ■ | ■ |
| Wheel weights, rear wheels | □ | □ | □ | □ |
| Forced steering (one or two-sided) | □ | □ | □ | □ |
| Wide vehicle marker | □ | □ | □ | □ |
| Pivoting front wheel mudguard | ■ | ■ | ■ | ■ |
| ABS trailer sockets | □ | □ | □ | □ |

FENDT 800 VARIO

Technical specifications.



| | | 822 Vario | 824 Vario | 826 Vario | 828 Vario |
|-------------------------|--------|-----------|-----------|-----------|-----------|
| Engine | | | | | |
| Rated power ECE R 120 | kW/hp | 166/226 | 181/246 | 195/265 | 211/287 |
| Maximum power ECE R 120 | kW/hp | 166/226 | 181/246 | 195/265 | 211/287 |
| No. of cylinders | Number | 6 | 6 | 6 | 6 |
| Cylinder bore/stroke | mm | 101/ 126 | 101/ 126 | 101/ 126 | 101/ 126 |
| Cubic capacity | cm³ | 6057 | 6057 | 6057 | 6057 |
| Rated speed | rpm | 2100 | 2100 | 2100 | 2100 |
| Max. torque at 1450 rpm | Nm | 960 | 1054 | 1125 | 1217 |
| Torque rise | % | 32.0 | 31.0 | 31.0 | 30.0 |
| Fuel level | litres | 505.0 | 505.0 | 505.0 | 505.0 |
| AdBlue tank | litres | 50.0 | 50.0 | 50.0 | 50.0 |

| | | 822 Vario | 824 Vario | 826 Vario | 828 Vario |
|-----------------------------|------|------------|------------|------------|------------|
| Transmission and PTO | | | | | |
| Transmission type | | ML 220 | ML 220 | ML 220 | ML 220 |
| Speed range 1 | km/h | 0,02-35 | 0,02-35 | 0,02-35 | 0,02-35 |
| Speed range 1 - reverse | km/h | 0,02-20 | 0,02-20 | 0,02-20 | 0,02-20 |
| Speed range 2 | km/h | 0,02-60 | 0,02-60 | 0,02-60 | 0,02-60 |
| Speed range 2 - reverse | km/h | 0,02-33 | 0,02-33 | 0,02-33 | 0,02-33 |
| Top speed | km/h | 60 | 60 | 60 | 60 |
| Rear PTO | | 540E/ 1000 | 540E/ 1000 | 540E/ 1000 | 540E/ 1000 |
| Rear PTO optional | | 1000/1000E | 1000/1000E | 1000/1000E | 1000/1000E |
| Front PTO option | | 1000 | 1000 | 1000 | 1000 |

| | | 822 Vario | 824 Vario | 826 Vario | 828 Vario |
|--|--------|-----------|-----------|-----------|-----------|
| Power lift and hydraulics | | | | | |
| Variable flow pump | l/min | 152 | 152 | 152 | 152 |
| Variable flow pump option 1 | l/min | 205 | 205 | 205 | 205 |
| Working pressure / control pressure | bar | 200+20 | 200+20 | 200+20 | 200+20 |
| Max. valves (front/centre/rear) Power / Power Plus | Number | 0/0/4 | 0/0/4 | 0/0/4 | 0/0/4 |
| Max. valves (front/centre/rear) Profi / Profi Plus | Number | 2/0/6 | 2/0/6 | 2/0/6 | 2/0/6 |
| Max. available hydraulic oil volume | litres | 80 | 80 | 80 | 80 |
| Max. lift capacity of rear power lift | daN | 11110 | 11110 | 11110 | 11110 |
| Max. lift capacity of front power lift | daN | 5040 | 5040 | 5040 | 5040 |

| | | 822 Vario | 824 Vario | 826 Vario | 828 Vario |
|-------------------------|--|-----------|-----------|-----------|-----------|
| Tyres | | | | | |
| Front tyres (standard) | | 540/65R30 | 540/65R30 | 540/65R34 | 540/65R34 |
| Standard tyres rear | | 650/65R42 | 650/65R42 | 650/85R38 | 650/85R38 |
| 1. Optional front tyres | | 540/65R34 | 540/65R34 | 600/70R30 | 600/70R30 |
| 1. Optional rear tyres | | 650/85R38 | 650/85R38 | 710/70R42 | 710/70R42 |

| | | 822 Vario | 824 Vario | 826 Vario | 828 Vario |
|---|----|-----------|-----------|-----------|-----------|
| Dimensions | | | | | |
| Front track width (standard tyres) | mm | 2000 | 2000 | 2000 | 2000 |
| Rear track width (standard tyres) | mm | 1970 | 1970 | 1970 | 1970 |
| Overall width with standard tyres | mm | 2750 | 2750 | 2750 | 2750 |
| Overall length | mm | 5667 | 5667 | 5667 | 5667 |
| Overall cab height with standard tyres without VarioGuide | mm | 3280 | 3280 | 3280 | 3280 |
| Overall cab height with standard tyres with VarioGuide | mm | 3314 | 3314 | 3314 | 3314 |
| Max. ground clearance | mm | 575 | 575 | 575 | 575 |
| Wheelbase | mm | 2950 | 2950 | 2950 | 2950 |

| | | 822 Vario | 824 Vario | 826 Vario | 828 Vario |
|---|----|-----------|-----------|-----------|-----------|
| Weights | | | | | |
| Unladen weight (base tractor with cab - full tanks, without driver) | kg | 9370.0 | 9370.0 | 9520.0 | 9520.0 |
| Max. permissible overall weight up to 40km/h (2-circuit brake) | kg | 16000.0 | 16000.0 | 16000.0 | 16000.0 |
| Max. permissible overall weight up to 50km/h (2-circuit brake) | kg | 16000.0 | 16000.0 | 16000.0 | 16000.0 |
| Max. permissible overall weight up to 60km/h | kg | 14000.0 | 14000.0 | 14000.0 | 14000.0 |
| Max. trailer hitch load | kg | 2000.0 | 2000.0 | 2000.0 | 2000.0 |