

Standard and optional equipment
 Standard equipment: ■
 Optional equipment: □

VARIOTRONIC

Equipment and functions

Terminal functions			7	10.4
Fendt Varioterminal				
Vehicle operation			■	■
Rotary control and keys			■	■
Touch control			■	■
Languages			26	26
Integrated help function			■	■
Bluetooth				■
VarioDoc (documentation)				■
VarioDoc Pro (documentation)				□
VarioGuide (auto-steering)			□	□
SectionControl				□
VariableRateControl				□
2 camera inputs				■
VariotronicTI automatic				□
Screen diagonal	cm		17.7	26.3
Display area	cm ²		138	334
USB port			■	■
Quick Jump			■	■
Service page with information up to the next inspection			■	■
VarioActive superimposed steering system				
Functionalities			7	10.4
Variotronic implement control ISOBUS				
Universal terminal (UT)			□	□
Implement control via joystick (AUX-O, AUX-N)			□	□
Job management sum-based (TC-BAS)				□
Job management geo-based (TC-GEO)				□
Automatic section control (TC-SC)				□
General			VarioDoc	VarioDoc Pro
Fendt VarioDoc				
Bluetooth data transfer			■	■
Mobile network data transfer				■
Semi-automatic documentation triggered either manually or through e.g. front/rear linkage, control units, PTO actuation, external pulse generator			■	■
Fully automatic documentation (if supported by FMIS software)				■
GPS position data (every 5 m) e.g. fuel consumption, engine speed, ground speed, etc.				■
Job data				
Working width	m		■	■
Worked area	ha		■	■
Distance in working position	km		■	■
Distance not in working position	km		■	■
Time in working position	hrs		■	■
Time not in working position	hrs		■	■
Fuel consumption	l		■	■
GNSS data points position data				
Position				■
Date				■
Fuel consumption/time	l/hr			■
Fuel consumption/area	l/ha			■
Engine speed	1/min			■
PTO speed front	1/min			■
PTO speed rear	1/min			■
Linkage position front	%			■
Linkage position rear	%			■
Traction requirement	N			■
Speed with slip	km/h			■
Real speed	km/h			■
Outside temperature	°C			■
Operating hours	hrs			■
ISOBUS implement data				■

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VarioGuide track guidance functions

Functions			Tractor	Forage harvester	Combine
Fendt VarioGuide					
Receiver			NovAtel, Trimble	NovAtel	Topcon
Standard version			□	□	□
Pass-to-pass accuracy (dynamic) ¹⁾	cm		+/- 20 cm	+/- 20 cm	+/- 20 cm
Repeatability (static) ¹⁾	cm		+/- 80 cm	+/- 80 cm	+/- 80 cm
Precision version					□
Pass-to-pass accuracy (dynamic) ¹⁾	cm				+/- 5 cm
Repeatability (static) ¹⁾	cm				+/- 10 cm
RTK version			□		□
Pass-to-pass accuracy (dynamic) ¹⁾	cm		+/- 2 cm		+/- 2 cm
Repeatability (static) ¹⁾	cm		+/- 2 cm		+/- 2 cm
Wayline mode "A-B line"			■	■	■
Wayline mode "Contour"			■	■	■
Wayline mode "Circle"			■	■	■
Wayline mode "A+ angle line"			■	■	■
Integration in headland management VariotronicTI					
VariotronicTI automatic			□		
Wayline memory			■	■	■
Field memory			■	■	■
Worked swaths are marked			■	■	■
Record obstacle point			■	■	■
Free designation of obstacles			■	■	■
Recording of obstacle area			■	■	■
2D view			■	■	■
3D view			■	■	■
Manual wayline offset			■	■	■
Automatic wayline offset			■	■	■
Adjustable line acquisition			■	■	■
Adjustable steering response			■	■	■
Implement settings			■		
Integration in vehicle terminal			■		■
NMEA data output			■	■	■
Tilt angle compensation			■	■	■
Minimum speed	km/h		0.1	3.0	0.1
Maximum speed	km/h		25.0	20.0	12.0
Signals			NovAtel	Trimble	Topcon
Fendt VarioGuide receiver					
GPS compatible			■	■	■
GLONASS compatible			■	■	■
GALILEO ready			■	■	■
EGNOS (free)			■	■	■
WAAS (free)			■	■	■
Autonomous (without correction signal)			■	■	■
Trimble® RangePoint® RTX (fee-based)				□	
Trimble® Centerpoint® RTX (fee-based)				□	
NovAtel TerraStar-C (fee-based)			□		
NovAtel TerraStar-L (fee-based)			□		
OmniSTAR VBS (fee-based)					□
OmniSTAR XP/HP/G2 (fee-based)					□
Mobile RTK station ²⁾			□	□	□
RTK network (fee-based) ³⁾			□	□	□

1) Notes on accuracy specifications: The static accuracy indicates how accurate the measured position of a stationary tractor is over a longer period of time (usually 24 hours). The dynamic accuracy specifies the repeatable pass-to-pass accuracy that is attainable to 95 percent within a 15-minute time frame. The specified values correspond to the maximum attainable system accuracy under optimum conditions on the receiver. The accuracy that can actually be attained in practice depends on various factors. AGCO is not responsible for its availability or for reduced accuracy caused by operational degradation, ionospheric or tropospheric conditions or satellite geometry. AGCO is not liable for the performance data of the positioning systems (e.g. GPS, Glonass, Galileo) or the secondary systems (e.g. EGNOS, WAAS, OmniSTAR, etc.).
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