

# Technical Specifications

	Varioterminal 7"	Varioterminal 10.4"
Tractor controls	■	■
Variotronic Implement Control	■	■
Rotary control and keys	■	■
Help function	■	■
Touch control	■	■
USB	■	■
Bluetooth	■	■
VarioDoc (Basic)	—	■
VarioDoc Pro	—	■ <sup>1)</sup>
VarioGuide (auto-steering)	—	■ <sup>1)</sup>
Camera inputs	■ <sup>1)</sup>	■ <sup>1)</sup>
Memory	1 GB	4 GB
Diagonal in inches	7	10.4
Display area in cm <sup>2</sup>	138	334
Resolution	400x800	800x600
Number of colours	262000	16 million

<sup>1)</sup> optional

	VarioDoc <sup>1)</sup>	VarioDoc Pro <sup>1)</sup>
<b>Functions</b>		
Field detection	manual	manual/automatic
Marking of worked swaths	■	■
Creating master data and jobs in the machine	■	■
Configurable triggers	■	■
Automatic recording (auto job)	—	■
<b>Recorded data</b>		
Fuel consumption l/h or l/100 km	■	■
Time	■	■
Area worked	■	■
Field name	■	■
Operator	■	■
Inputs	■	■
Position	■	■
Data from ISOBUS implements <sup>2)</sup>	■	■
<b>Data transfer</b>		
Bluetooth	■	■
USB	■	■
GSM	—	■
Transfer format	xml to ISO 11783	xml to ISO 11783

### Compatible field files<sup>3)</sup>

BASF field files	✓
Helm MultiPlant II	✓
agrocom	✓
Land-Data Eurosoft	✓

<sup>1)</sup> Not available in all countries. Please contact your sales partner for further information

<sup>2)</sup> if supported by implement manufacturer

<sup>3)</sup> List of compatible manufacturers and programs is constantly being updated

	VarioGuide Standard	VarioGuide Precision	VarioGuide RTK <sup>1)</sup>	VarioGuide Ntrip <sup>1)</sup>
<b>Determining position</b>				
GPS/GLONASS/GALILEO ready	■	■	■	■
<b>Possible correction signals</b>				
EGNOS <sup>2)</sup> /WAAS	■	■	■	■
OmniSTAR VBS	■	■	■	■
OmniSTAR HP	—	■	■	■
Mobile reference station (RTK)	—	—	■	—
Fixed reference station (RTK)	—	—	■	—
Correction data format CMR	—	—	■	—
Correction data format RTCM 2.3	—	—	■	—
Correction data format RTCM 3.1	—	—	■	—
Correction signals via mobile communications network (Ntrip)	—	—	—	■
<b>Functions</b>				
Steering valves	proportional	proportional	proportional	proportional
Steering	automatic	automatic	automatic	automatic
Wayline offset	manual/automatic	manual/automatic	manual/automatic	manual/automatic
Field detection	manual/automatic	manual/automatic	manual/automatic	manual/automatic
Marking of worked swaths	■	■	■	■
Important locations marked as point or area	■	■	■	■
Field boundary recording	■	■	■	■
Time saved at the headland	■	■	■	■
Ground speed	automatic	automatic	automatic	automatic
0.02 - 25 km/h	0.02 - 25 km/h	0.02 - 25 km/h	0.02 - 25 km/h	0.02 - 25 km/h
Tracking straight line AB	■	■	■	■
Tracking straight line A + angle	■	■	■	■
Tracking curves	■	■	■	■
Tracking circles	■	■	■	■
Adaptive curve mode	■	■	■	■
Automatic slope compensation	■	■	■	■
NMEA data output	■	■	■	■
<b>Accuracy<sup>3)</sup></b>				
Static accuracy	+/- 80 cm	+/- 10 cm	+/- 2 cm	+/- 2 cm
Pass-to-pass accuracy	+/- 20 cm	+/- 5 cm	+/- 2 cm	+/- 2 cm

■ = Standard/ — = not available

<sup>1)</sup> Not available in all countries. Please contact your sales partner for further information

<sup>2)</sup> EGNOS is still in the testing phase in 2009.

<sup>3)</sup> Notes on accuracy specifications: Static accuracy indicates how accurate the measured position of a stationary tractor is over a longer period of time (usually 24 hours). Dynamic accuracy specifies the repeatable pass-to-pass accuracy that is attainable within a 15-minute time frame. The specified values correspond to the maximum attainable system accuracy under optimum conditions. 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 does not take responsibility for the performance data of this service.

### GPS signal

- + Correction signal (e.g. type, accuracy, availability)
- + System and tractor factors (e.g. calibration, tyre pressure, front axle load)
- + Implement factors (e.g. settings, horizontal draft, symmetry)
- + Conditions in the field (e.g. type of soil, conditions of ground, slope)

= Real accuracy of VarioGuide in the field