Fendt Variotronic –
a step ahead through innovation

Fendt presents a completely newly developed, ground-breaking electronics concept: the Fendt Variotronic. The new Varioterminal has been optimally adapted to the Vario and offers more functionality and convenience than ever before. Fully integrated in the control concept, the new Varioterminal unites all functions in one.

Varioterminal

- Flat menu hierarchy and intuitive operation
- Many functions all in one terminal

Two versions available:
- 7” Varioterminal for standard applications
- 10.4” Varioterminal for advanced applications

VarioGuide automatic steering system

- Efficient operation of tractor and implement
- Integrated in tractor controls
- High reliability
- Compatible with many correction signals

Variotronic™ headland management

- Convenient: one-button control for all functions
- Can also be programmed when standing
- Everything in one hand
VarioDoc documentation system

- Fast and easy operation
- Secure wireless data transfer
- Compatible with popular office software
- Automatic logging of tractor and implement data

ISOBUS implement control

- No extra terminal required
- Ergonomic joystick control

Cameras:

- See into blind spots
- Relaxed driving
Everything in place

The well-designed ergonomic control centre on the right-hand armrest – comprising the Varioterminal, multifunction joystick, crossgate lever and membrane keypad – gives operators full control over all functions.
Your benefits

- Multi-function armrest
- All functions in one terminal
- Perfect all-round visibility
The Varioterminal – because demands are increasing

It is difficult to imagine a modern tractor today without an operating terminal. Fendt already set new standards in the agricultural equipment industry in 1997 with the introduction of the first generation Varioterminal in the 700 Vario. Since then the demands for including more functions in the terminal have become stronger. But at the same time, the controls must still be easy to operate. Fendt’s answer is Variotronic – the new terminal generation in the 700, 800 and 900 Vario series.

Key or touch control?

The menu settings in both the 7” Varioterminal and the 10.4” Varioterminal can be conveniently adjusted using only the touch-sensitive screen. Additionally, both terminals also have navigation keys. You can navigate through the menus using either the keys or the touchscreen. The tractor controls on both terminals are identical.

TopAgrar Test 1/2011 “Operating concepts”
Result: 1.9 (best overall result in test)
Excerpt: “Fendt has succeeded in clearly arranging a large number of functions on the armrest. The monitor sets new standards with its menu navigation.”

Everything in its place
The clearly laid out and well designed right-hand armrest is the central operating unit with which operators can make all settings and adjustments. They can place their arm comfortably on the individually adjustable armrest and control the tractor and the implement using the multi-function joystick and the Varioterminal.
Flat menu hierarchy and everything in view
When developing the Varioterminal, the focus was on ease of operation and a clear display. The result is an intuitive, multi-lingual menu with a flat hierarchy and a clutter-free display. Operators quickly find their way around and have everything in view at once. The high-resolution scratch-free touchscreen adjusts automatically to the ambient brightness.

Quality engineered by Fendt
The entire Vario electronics concept was developed by Fendt and optimally tailored to customer needs. The components for the Varioterminal are also manufactured according to the motto “Made in Germany”, so that you can be sure you are getting high-quality, reliable electronics with the best workmanship.

10.4" Varioterminal
The 10.4" Varioterminal fulfils all operator wishes. In addition to the tractor and Variotronic implement controls, now the external cameras, the new Fendt VarioGuide automatic steering system and the VarioDoc documentation system can also be controlled with the terminal.

7" Varioterminal
With a seven-inch screen diagonal, the 7" Varioterminal is the handy and functional companion for tractor operations and Variotronic implement control.

- Control via navigation keys or touchscreen
- Only one operating logic for all applications
- Flat, multilingual menus and self-explanatory symbols for easy orientation
- Up to four applications can be displayed simultaneously (10.4" Varioterminal)
- Ergonomically located on the right-hand armrest
- No additional terminal is required, allows unobstructed view through the right-hand window
- High-resolution, scratch-proof screen with automatic brightness adjustment
- Help function in Varioterminal
- Excellent workmanship and high quality meet the high Fendt standards
Finally, all functions in one terminal
The Fendt Variotronic is the new and unique electronic control that unites all functions in one terminal for the first time: tractor and implement controls, camera functions as well as the documentation and automatic steering systems are now completely integrated in the 10.4" Varioterminal and can be operated using the same operating logic. That saves you the cost for additional terminals.

The “4-in-1 Varioterminal”
You can choose between the 7” Varioterminal or the 10.4" Varioterminal to suit your needs. Both terminals offer easy to operate tractor and implement controls and the Variotronic TI headland management, all with the same operating logic. The small Varioterminal is equivalent to half of the display of the large terminal. The large terminal also allows you to operate the VarioGuide automatic steering system, featuring a clearly laid out map view, the VarioDoc documentation system and external camera images.

Screen layout
Up to four applications can be displayed simultaneously on the 10.4" Varioterminal. You can easily choose and change the arrangement of the applications on the screen as you wish.

Implement and tractor settings
In the half-screen view, two applications are displayed side by side or above each other and can be controlled simultaneously. For example, the settings for the implements and the engine and transmission can be optimally adjusted to each other.

Clearly arranged map view
The map is the interface between the VarioGuide automatic steering system and the VarioDoc documentation system. The worked area is marked in colour. The tracks can be marked separately, you specify the pattern. In this example, every fourth track is shown in blue. Markers can be set at special locations and can be given unique names.

Varioterminal

<table>
<thead>
<tr>
<th></th>
<th>7”</th>
<th>10.4”</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tractor controls</td>
<td>✔</td>
<td>✔</td>
</tr>
<tr>
<td>ISOBUS implement control</td>
<td>✔</td>
<td>✔</td>
</tr>
<tr>
<td>Variotronic TI</td>
<td>✔</td>
<td>✔</td>
</tr>
<tr>
<td>VarioGuide</td>
<td>-</td>
<td>✔</td>
</tr>
<tr>
<td>VarioDoc</td>
<td>-</td>
<td>✔</td>
</tr>
<tr>
<td>2 camera ports</td>
<td>-</td>
<td>✔</td>
</tr>
<tr>
<td>Map view</td>
<td>-</td>
<td>✔</td>
</tr>
</tbody>
</table>

Practical help feature
Both the 7” Varioterminal and the 10.4” Varioterminal display help text for the displayed menu page with the push of a button.
Variotronic™ headland management
The Variotronic™ headland management is fully integrated in the Varioterminal and is shown clearly in the display. Operators can activate automated operating sequences at the headlands with just one button. To optimise the progression of the steps, they can be edited and adjusted individually. That saves you time at the headlands and prevents possible operating errors on long work days.

Settings can be saved
All settings in the Varioterminal can be saved under a unique name and recalled at a later time. For example, if you have configured different settings for your seed drill operations, such as the settings for engine speed, cruise control, hydraulics and linkage, each setting can be easily loaded and edited, if necessary. Furthermore, operators can also save their own individual settings.

Variotronic™ headland management
The new Variotronic TI headland management system allows operators to create turning manoeuvres easily, while the tractor is standing or driving, and then saves them for the specific implement. The entire operating sequence is shown along with the corresponding triggers and values, such as the time or the distance to the next step, which makes it easy for operators to understand the procedure. The individual steps of an operating sequence can be edited at a later time.

FENDT Efficient Technology

- All functions integrated in just one terminal for the first time
- Customised screen layouts
- Quarter, half and full screen views
- Well-designed map view shows waylines and worked area
- Integrated help function
- Headland management Variotronic™ with optimum setting options
- Easy programming, even at a standstill

profi tractor test 828 Vario 04/2011:
“There is currently no other system that can top this headland management system.”

TopAgrar-Test 02/2011
“Headland management”
Excerpts: “Many functions and options” “Straightforward menu navigation, four sequences can be saved per implement”
Everything in control in the Vario

ISOBUS (ISO 11783) compliant implement control
You can operate any implement that is compatible with ISO 11783 with both of the new Varioterminals. The implement's operating mask is transferred to the terminal and clearly displayed on the screen. In the 10.4" Varioterminal, operators have the choice of several views: either half-screen portrait, half-screen landscape with both menu bars on the right-hand side or with separate menu bars on both sides.

Joystick button assignment
Do you want even more convenience? Then assign frequently used functions to buttons on the joystick, if this is supported by the ISOBUS implement. Up to ten functions can be individually assigned simply by clicking in the terminal. The well laid-out display shows you the current assignment at a glance.

Isotronic Implement Control
All ISOBUS implements can be displayed clearly in full screen mode and conveniently controlled with touch technology. Up to 12 functions can be controlled at the same time.

Joystick button assignment
Up to ten functions can be operated individually and ergonomically using the joystick (if supported by the implement).

Everything in view
In the half-screen view, for example, you can simultaneously display your ISOBUS implement and the map view.

AGCO/Fendt is a founding member of the AEF (Agricultural Industry Electronics Foundation). The initiative is an independent international industry organisation. As a user platform, it provides resources and knowledge for enhancing the use of electronics in the farming sector. The current focus is on important topics related to the ISOBUS.
Camera view
The large 10.4” Varioterminal has up to two camera ports. As an example, this makes coupling implements much easier. When working with rear-mounted implements, it is not necessary to constantly turn around. In addition to comfort, this provides greater safety, since the camera allows you to look into blind areas.

Camera layout
Images from up to two cameras can be shown at the same time in the quarter screen view.

Compatible camera
A recommended camera with a magnetic foot is available through Fendt dealers.

- No additional terminals required
- Controlled using the terminal and the joystick
- Customised screen layouts
- Half and full screen views for ISOBUS implement control
- Images from up to two cameras can be displayed at the same time
The new VarioGuide automatic steering system, developed by Fendt, guarantees maximum reliability thanks to new satellite technology. This means relaxed working conditions over longer periods of time, whether by day or night, and allows you to concentrate fully on the implement. Even when visibility is poor, precise driving is no problem. Overall that means shorter working times and lower consumption of fuel and crop inputs, such as seeds or pesticides.
Your benefits

• Saves fuel and crop inputs
• Higher area coverage
• More driving comfort and full concentration on the implement
VarioGuide – even more efficiency
VarioGuide enables the highest possible utilisation of the tractor, because you can even work at night or when visibility is poor due to dust or fog, and still achieve an optimum result. At the same time, area coverage increases significantly, since the number of skips and overlaps is reduced. The highly efficient use of crop inputs with VarioGuide provides savings of up to three to ten percent, depending on the job.

Enhanced driving comfort
With VarioGuide you not only work more economically, but you also benefit from significantly improved operator comfort. The tractor automatically drives in the right track, so operators can fully focus their attention on the actual work with the implement.

Always on the right track

VarioGuide Standard
• Ideal for work such as stubble management, compost spreading, rolling, mowing or applying slurry
• Accuracy class: +/- 20 cm
• Correction signals: EGNOS (free of charge), OmniSTAR VBS (subscription required)

VarioGuide Standard allows you to choose between the free EGNOS correction signal and the fee-based OmniSTAR VBS subscription service, which provides outstanding reliability. Satellite-based operation allows you to profit from both correction signals with full flexibility — no matter where you are working.

VarioGuide Precision
• Suitable for almost all farming applications, as well as cereal sowing (except for row crops)
• Accuracy class: +/- 5 cm
• Correction signal: OmniSTAR HP (subscription required)

A key advantage of VarioGuide Precision is that it expands the application range to include operations with cereal seeds. Just like VarioGuide Standard, the signal offers full flexibility for operations in changing work locations.

VarioGuide RTK
• Offers the highest accuracy — ideal for specialty crops
• Accuracy class: +/- 2 cm
• Correction signals: Mobile RTK with a transmission radius of 3 - 5 km, fixed RTK with a transmission range of up to 30 km

With VarioGuide RTK, you get the greatest possible accuracy and constant precision all day and night. The mobile RTK station provides correction signals without requiring a subscription and covers a range of up to five kilometres. Several vehicles can use the signals of one single RTK base station.

Compact housing unit

Easy to transfer and well protected
The antenna unit can be easily transferred between pre-equipped machines in a matter of minutes. The individual components, such as the antenna, receiver and roll bias compensation unit are accommodated in a compact housing unit and fully integrated in the roof. The antenna is therefore optimally protected against external influences such as blows from branches.
Always connected
In addition to the US GPS satellites, VarioGuide, which is operated with the Varioterminal, is capable of using the Russian GLONASS satellite system and is also ready for use with the planned European Galileo system. The parallel use of several systems guarantees consistent, high reliability of the automatic steering system.

Compatible with many correction signals
Fendt also goes the open route with correction signals. You can choose between many types of signals. VarioGuide works with satellite-based signals such as EGNOS or OmniSTAR as well as with ground-based RTK signals via radio. VarioGuide supports open formats such as RTCM 3.1. Manufacturer-specific isolated applications are a thing of the past.

VarioGuide main page
All important information is shown on one page.

VarioGuide settings page
The implement is specified using an intuitive graphic.

Without VarioActive
1 turn of the steering wheel
= 26.6°

With VarioActive
1 turn of the steering wheel
= 43.3°

VarioActive superimposed steering system (700 Vario)
A stronger steering ratio can be activated with the VarioActive superimposed steering system. It adjusts to the steering movement and travel speed. A high gain in comfort, especially for front loader work in tight farmyards or at the headlands.

Better quality of work with VarioGuide automatic steering
With VarioGuide, operators can concentrate fully on the implement. That increases performance and has a positive impact on the overall quality of work, even in poor visibility conditions. VarioGuide guarantees maximum reliability thanks to new satellite technology.

profi Test VarioGuide 04/2011:
“Operation and menu navigation are logical and the icons are unambiguous [...] As our measurements have shown, Fendt has done an excellent job of implementing automated steering in A-B mode [...] We really like that the controls for the steering system are now integrated in the easy to read Varioterminal.”

VarioGuide received a final score of 1.55 in the top agrar tractor test “GPS steering” 03/2011: “The system is simple, well integrated and works well.” (VarioGuide tested in the 828 Vario)
Take care of documentation right in the field

Documentation is the most important basis for economic analyses in modern farming businesses today. Furthermore, the legal and social requirements for recording data continue to grow. With the new VarioDoc, this data can be recorded with a minimum of effort and time, documented in the field record and analysed.
Your benefits

• Less work and time spent on documentation
• Compatible with different field record software
• Important machine data are recorded automatically
The professional documentation system

Modern job management
VarioDoc is the solution for efficient job management and convenient data recording for farming businesses and contractors. Using the Varioterminal, all relevant information can already be entered in the field so that follow-up work in the office is reduced to a minimum. And it works the other way around, too – new jobs can be created using the PC and then transferred to the terminal to be worked on.

VarioDoc is available in two versions
The basic VarioDoc version is standard in every 10.4” Varioterminal. Data exchange via Bluetooth ensures secure transmission. VarioDoc Pro offers additional features that also allow position data to be recorded. Field record software with GIS functionality can use this data to create maps, for example, ones that display the relative fuel consumption or power requirement for the area. The data can be conveniently transmitted via the mobile network. This is an important advantage, particularly for contractors or large farms, since the tractor does not need to be in the vicinity of the farmyard at the time of data transmission.

Easy documentation with VarioDoc or VarioDoc Pro
VarioDoc ensures efficient job management for your farm. The basic version is included in the 10.4” Varioterminal as standard. The enhanced version, VarioDoc Pro, also offers recording of position data via GPS, including tractor parameters, and data transfer via mobile network. Operators can also choose between fully automated data recording and job management. It is controlled using the VarioDoc menu in the Varioterminal. All data are displayed concisely and easy to understand.

Exact documentation with VarioDoc or VarioDoc Pro
The quality of the data is an important criterion for a documentation system. VarioDoc logs data where it is created. Triggers can be set individually to ensure that only the actual worked area is taken into account. Only an integrated documentation system such as VarioDoc can record all important tractor and implement data.

Exact position data for your field record with VarioDoc Pro
VarioDoc Pro delivers exact position data for your field record. Depending on the type of software, you can then use your PC to visualise the work that has been performed. The machine data, such as engine speed, fuel consumption or PTO speed are recorded at every position. This is a decisive advantage over non-integrated retrofit systems.
Secure data exchange
A simple synchronisation procedure is all that is required to update data on both the PC and terminal. Then you have all the current master data, such as pesticide or fertiliser use, available on board the tractor and can react to changing conditions swiftly. Convenient data exchange via Bluetooth or mobile network guarantees secure transfer. The jobs remain in the terminal until the exchange has been completed. Synchronisation starts automatically, as soon as the tractor is within range.

Compatible with many field databases
The open ISOXML standard enables data exchange with field record software such as those from BASF, Helm, agrocom and Land-Data Eurosoft. Thus Fendt is the first manufacturer to offer a documentation system that is compatible with various field record systems.

Data exchange via ISOXML
When it comes to data exchange, Fendt puts its cards on full compatibility. The ISOXML standard allows seamless data exchange with any compatible field record. The list of compatible software is constantly growing.

Manufacturer | Compatible products
--- | ---
-BASF The Chemical Company | • BASF field record
HELM SOFTWARE | • MultiPlant
| • MYFARM24.DE
| • MYFARM24.LOGISS
LAND-DATA EUROSOFT | • AO Agrar-Office Schlagkartei
| • AO Agrar-Office Lohnunternehmer
| • AO Agrar-Office AutoDok
AGROCOM | • AGRO-NET
| • AGRO-LU

Master data jobs
1. Transfer to tractor via Bluetooth or mobile network
2. Selection and processing of the jobs
3. Entry confirmation
4. Synchronisation with PC via Bluetooth or mobile network

Convenient job processing
New jobs are created on the PC and then transferred to the vehicle. After the work has been completed, it is entered in the field record.

Fendt Efficient Technology
- Required data are recorded directly in the field
- High data quality through precise area and time logging
- Trouble-free transfer of data to the field record software
- Open ISOXML standard for data transfer with field records from different manufacturers
- Transmission errors and lost slips of paper are a thing of the past
- Saves working time
- Easy, intuitive operation
## Technical Specifications

<table>
<thead>
<tr>
<th></th>
<th>7” Varioterminal</th>
<th>10.4” Varioterminal</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Tractor controls</strong></td>
<td>■</td>
<td>■</td>
</tr>
<tr>
<td><strong>Variotronic Implement Control</strong></td>
<td>■</td>
<td>■</td>
</tr>
<tr>
<td><strong>Touch control</strong></td>
<td>■</td>
<td>■</td>
</tr>
<tr>
<td><strong>Rotary control and keys</strong></td>
<td>■</td>
<td>■</td>
</tr>
<tr>
<td><strong>Help function</strong></td>
<td>■</td>
<td>■</td>
</tr>
<tr>
<td><strong>VarioDoc</strong></td>
<td>–</td>
<td>■</td>
</tr>
<tr>
<td><strong>VarioDoc Pro (documentation)</strong></td>
<td>–</td>
<td>■</td>
</tr>
<tr>
<td><strong>VarioGuide (auto-steering)</strong></td>
<td>–</td>
<td>■</td>
</tr>
<tr>
<td><strong>Camera inputs</strong></td>
<td>–</td>
<td>2)</td>
</tr>
<tr>
<td><strong>Memory</strong></td>
<td>1 GB</td>
<td>4 GB</td>
</tr>
<tr>
<td><strong>Diagonal in inches/cm</strong></td>
<td>7/17.7</td>
<td>10.4/26.3</td>
</tr>
<tr>
<td><strong>Display area in cm²</strong></td>
<td>138</td>
<td>334</td>
</tr>
<tr>
<td><strong>Resolution</strong></td>
<td>480x800</td>
<td>800x600</td>
</tr>
<tr>
<td><strong>Number of colours</strong></td>
<td>262,000</td>
<td>16 million</td>
</tr>
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</table>

■ = standard/ ■ = optional/ – = not available

### Camera inputs

1) Cameras through AGCO Parts available

### Functions

<table>
<thead>
<tr>
<th></th>
<th>VarioDoc(1)</th>
<th>VarioDoc Pro(1)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Creating master data and jobs in the machine</td>
<td>■</td>
<td>■</td>
</tr>
<tr>
<td>Configurable triggers</td>
<td>–</td>
<td>■</td>
</tr>
<tr>
<td>Automatic recording (auto job)</td>
<td>–</td>
<td>■</td>
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### Recorded data

<table>
<thead>
<tr>
<th></th>
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</tr>
</thead>
<tbody>
<tr>
<td>Working width</td>
<td>■</td>
<td>■</td>
</tr>
<tr>
<td>Area worked</td>
<td>■</td>
<td>■</td>
</tr>
<tr>
<td>Distance</td>
<td>■</td>
<td>■</td>
</tr>
<tr>
<td>Time</td>
<td>■</td>
<td>■</td>
</tr>
<tr>
<td>Fuel consumption l/hr or l/ha</td>
<td>–</td>
<td>■</td>
</tr>
<tr>
<td>Position</td>
<td>–</td>
<td>■</td>
</tr>
<tr>
<td>Date / time</td>
<td>–</td>
<td>■</td>
</tr>
<tr>
<td>Engine speed</td>
<td>–</td>
<td>■</td>
</tr>
<tr>
<td>PTO speed</td>
<td>–</td>
<td>■</td>
</tr>
<tr>
<td>Lift position</td>
<td>–</td>
<td>■</td>
</tr>
<tr>
<td>Traction requirement</td>
<td>–</td>
<td>■</td>
</tr>
<tr>
<td>Ground speed</td>
<td>–</td>
<td>■</td>
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</table>

### Data transfer

<table>
<thead>
<tr>
<th></th>
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</tr>
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<tbody>
<tr>
<td>Bluetooth</td>
<td>■</td>
<td>■</td>
</tr>
<tr>
<td>Mobile radio (GPRS)(2)</td>
<td>–</td>
<td>■</td>
</tr>
<tr>
<td>Transfer format</td>
<td>xml to ISO 11783</td>
<td>xml to ISO 11783</td>
</tr>
</tbody>
</table>

■ = standard/ – = not available

1) Not available in all countries. Please contact your dealer for further information

2) SIM card not included in scope of delivery
Standard and optional equipment

**Positioning**

<table>
<thead>
<tr>
<th></th>
<th>VarioGuide Standard</th>
<th>VarioGuide Precision</th>
<th>VarioGuide RTK*</th>
</tr>
</thead>
<tbody>
<tr>
<td>GPS/GLONASS/GALILEO ready</td>
<td>■</td>
<td>■</td>
<td>■</td>
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</table>

**Correction signals**

<table>
<thead>
<tr>
<th></th>
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<th>■</th>
<th>■</th>
</tr>
</thead>
<tbody>
<tr>
<td>EGNO / WAAS</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>OmniSTAR VBS</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>OmniSTAR HP</td>
<td></td>
<td></td>
<td>■</td>
</tr>
<tr>
<td>Mobile reference station (RTK) 1)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fixed reference station (RTK)2)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Correction data format</td>
<td></td>
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</tr>
<tr>
<td>CMR</td>
<td></td>
<td></td>
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<tr>
<td>RTCM 2.3</td>
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<tr>
<td>RTCM 3.1</td>
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**Functions**

<table>
<thead>
<tr>
<th></th>
<th>VarioGuide Standard</th>
<th>VarioGuide Precision</th>
<th>VarioGuide RTK*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Steering valves</td>
<td>proportional</td>
<td>proportional</td>
<td>proportional</td>
</tr>
<tr>
<td></td>
<td>automatic</td>
<td>automatic</td>
<td>automatic</td>
</tr>
<tr>
<td>Wayline offset</td>
<td>manual/automatic</td>
<td>manual/automatic</td>
<td>manual/automatic</td>
</tr>
<tr>
<td>Marking of worked swaths</td>
<td>■</td>
<td>■</td>
<td>■</td>
</tr>
<tr>
<td>Marking of important positions (marker)</td>
<td>■</td>
<td>■</td>
<td>■</td>
</tr>
<tr>
<td>Ground speed</td>
<td>0.2 - 25 km/h</td>
<td>0.2 - 25 km/h</td>
<td>0.2 - 25 km/h</td>
</tr>
<tr>
<td>Tracking straight line</td>
<td>■</td>
<td>■</td>
<td>■</td>
</tr>
<tr>
<td>Tracking straight line A + angle</td>
<td>■</td>
<td>■</td>
<td>■</td>
</tr>
<tr>
<td>Tracking curves</td>
<td>■</td>
<td>■</td>
<td>■</td>
</tr>
<tr>
<td>Tracking circles</td>
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<tr>
<td>Adaptive curve mode</td>
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</tr>
<tr>
<td>Automatic levelling</td>
<td>■</td>
<td>■</td>
<td>■</td>
</tr>
<tr>
<td>NMEA data output</td>
<td>■</td>
<td>■</td>
<td>■</td>
</tr>
</tbody>
</table>

**Accuracy**

<table>
<thead>
<tr>
<th></th>
<th>VarioGuide Standard</th>
<th>VarioGuide Precision</th>
<th>VarioGuide RTK*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pass-to-pass accuracy</td>
<td>+/- 20 cm</td>
<td>+/- 5 cm</td>
<td>+/- 2 cm</td>
</tr>
</tbody>
</table>

■ = standard/ □ = optional/ — = not available

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1) Not available in all countries. Please contact your dealer for further information.

2) Available 3rd Quarter 2011 within the scope of projects.

3) 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). The 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 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. EGNO, WAAS, OmniSTAR, etc.).

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**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)

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■ = real accuracy of VarioGuide in the field
The Fendt overall profitability

Investing right means saving in the long term

Efficiency: The recipe for economical operations
We make no compromises when it comes to efficiency, because our objective is to be the leader for cost-effectiveness per hectare and kilometre. The very best technology, as is found in our tractors, is just good enough for us: for example, the highly efficient Vario drive train and the fuel-saving SCR technology in combination with TMS. These enhance the already top-level efficiency of the Vario and further reduce the costs per hectare and kilometre.

Variotronic: working at a new level
The highly efficient technology under the bonnet of the Fendt Vario is the basis for successful operations. In the control centre, the Fendt Variotronic takes maximum area coverage with the tractor to a completely new level. Because through the easy operation and the many functions, the Fendt Vario can easily be optimally adjusted. So you get maximum power out of each and every drop of fuel.
Even MORE from even LESS
You save even more time and money with the VarioGuide automatic steering system and the VarioDoc documentation system. Fendt has ideally integrated these profitable features into the Variotronic operating concept. A valuable investment in less costs per hectare and even more hectares per hour and the best working comfort.

Fendt overall profitability
- Fendt Variotronic for highly efficient operation of the tractor and implement
- Fendt Efficiency for the best cost-effectiveness per hectare
- Fendt comfort thanks to optimal control of all settings
- Fendt economy through lower consumption of fuel and crop inputs
- Fendt working quality through accurate work, pass to pass
More than ever:

Leaders drive Fendt

All data regarding delivery, appearance, performance, dimensions and weight, fuel consumption and running costs of the vehicles correspond with the latest information available at the time of going to press. Changes may be made before the time of purchase. Your Fendt dealer will be pleased to supply you with up-to-date information.

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