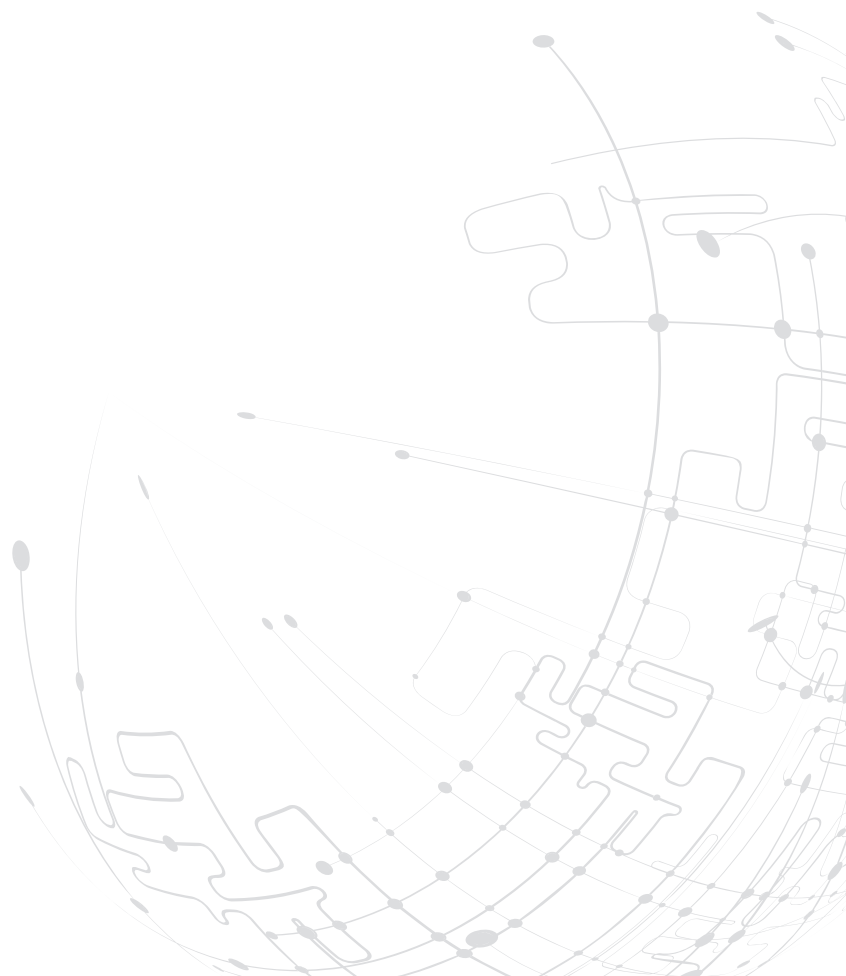




6. Headland-Management





6.1. Variotronic^{TI}

Fendt 300 / 500 / 700 / 800 / 900 / 1000 Vario

Fendt 900 Vario MT

Product description

The Variotronic^{TI} headland management system is fully integrated into Varioterminal 7" and 10.4", and is clearly shown on the display. The automatic headland operations are activated at the touch of a single button.

The driver can conveniently create and store the optimum operating sequence while stationary or travelling. Variotronic^{TI} is already available as standard for the following tractor models:



Model	Configuration variants
Fendt 300 Vario	Profi & ProfiPlus
Fendt 500 Vario	Power, PowerPlus, Profi and ProfiPlus
Fendt 700 Vario	Power, PowerPlus, Profi and ProfiPlus
Fendt 800 Vario	Profi, ProfiPlus
Fendt 900 Vario	Profi, ProfiPlus
Fendt 1000 Vario	PowerPlus, Profi and ProfiPlus

Variotronic^{TI} permits the control of up to **13 function groups** with a maximum of **74 functions** can be triggered by **5 variables** (distance, time, lifting height front & rear linkage, button on joystick).

The following table shows the wide variety of functions that are fully integrated for control in Variotronic^{TI}.

Function group	Functions
Rear power lift	Lifting, Lowering, Slip Control ON, Quick Release ON/OFF, Stop
Front power lift	Raise, Lower, Quick Feed ON/OFF, Stop
Rear PTO	ON/OFF
Front PTO	ON/OFF
Hydraulic valves (8 pieces max.)	Lifting, lowering, stop, floating position
4-wheel drive	ON/OFF, automatic mode ON/OFF
Differential lock	ON/OFF, automatic mode ON/OFF
Vario transmission	Cruise control 1&2 ON, cruise control OFF
Electronic engine control	Engine speed min. ON, engine speed max. ON, OFF
TMS	ON/OFF
Accelerator	ON/OFF
VarioGuide	ON/OFF
Reversible fan	ON
VarioGrip (RDRA)	Road/Field





6.1. Variotronic^{TI}

Customer benefits

- The large range of functions of Variotronic^{TI} is already standard
- Simple and intuitive controls
- Perfect integration of the multi-function joystick
- Full focus on the actual work
- Significant relief of driver workload (pressing of a key triggers several sequences)
- 5 triggers, possibility of 13 function groups with 74 functions
- 4 storable sequences (Go1, Go2, End1, End2) in each of the 25 device memory slots

Further information

<https://www.fendt.com/int/15607.html>



6.2. Variotronic^{TI} automatic

Fendt 500 / 700 / 800 / 900 / 1000 Vario (optional)

Fendt 900 Vario MT (optional)

Product description

In addition to the standard Variotronic^{TI} headland management system, Variotronic^{TI} is also available as an option for the Fendt Vario ProfiPlus tractors (from 500 Vario upwards) and the tracked tractor Fendt 900 Vario MT. The automatic combination of Variotronic^{TI} with the Fendt VarioGuide guidance system permits automatic activation of individual sequences (such as lowering of the rear hydraulics) via the position from VarioGuide on a headland line.



- Configuration of the desired overlap at the headland line by a wizard, similar to the feature SectionControl
- New learning mode for quick setting of the trigger points
- Simple retrofitting of this software feature possible from Fendt 500 Vario ProfiPlus upwards*

* Software updates are subject to limited compatibility. A fee may be charged for loading new software. For more information, contact your dealer.

Customer benefits

- Savings of resources
- Precise triggering of processes
- Relief of driver workload
- Exact convoy driving
- Effective use of the steering system at the headland
- Programming possible while stationary or in working mode
- 5 possible triggers (way, time, front linkage, rear linkage, manual)
- 13 function groups and 74 functions
- Easy retrofitting of this software option

Press

Headland Management in the profi comparison test – Dec 2017

- “Fendt probably has the most **reliable system**. All features performed well **above average**.”
- “The headland size, the assignment of the respective sequence when crossing the headland boundary, and an offset of the trigger point can be defined with just a few clear entries.”
- “On the positive side, the system already uses the rear linkage as a PTO trigger switch during recording.”

Further information

<https://www.fendt.com/int/15607.html>