



Fendt 200 Vario

Fendt knowledge: numbers, facts and figures

As at 08/2021



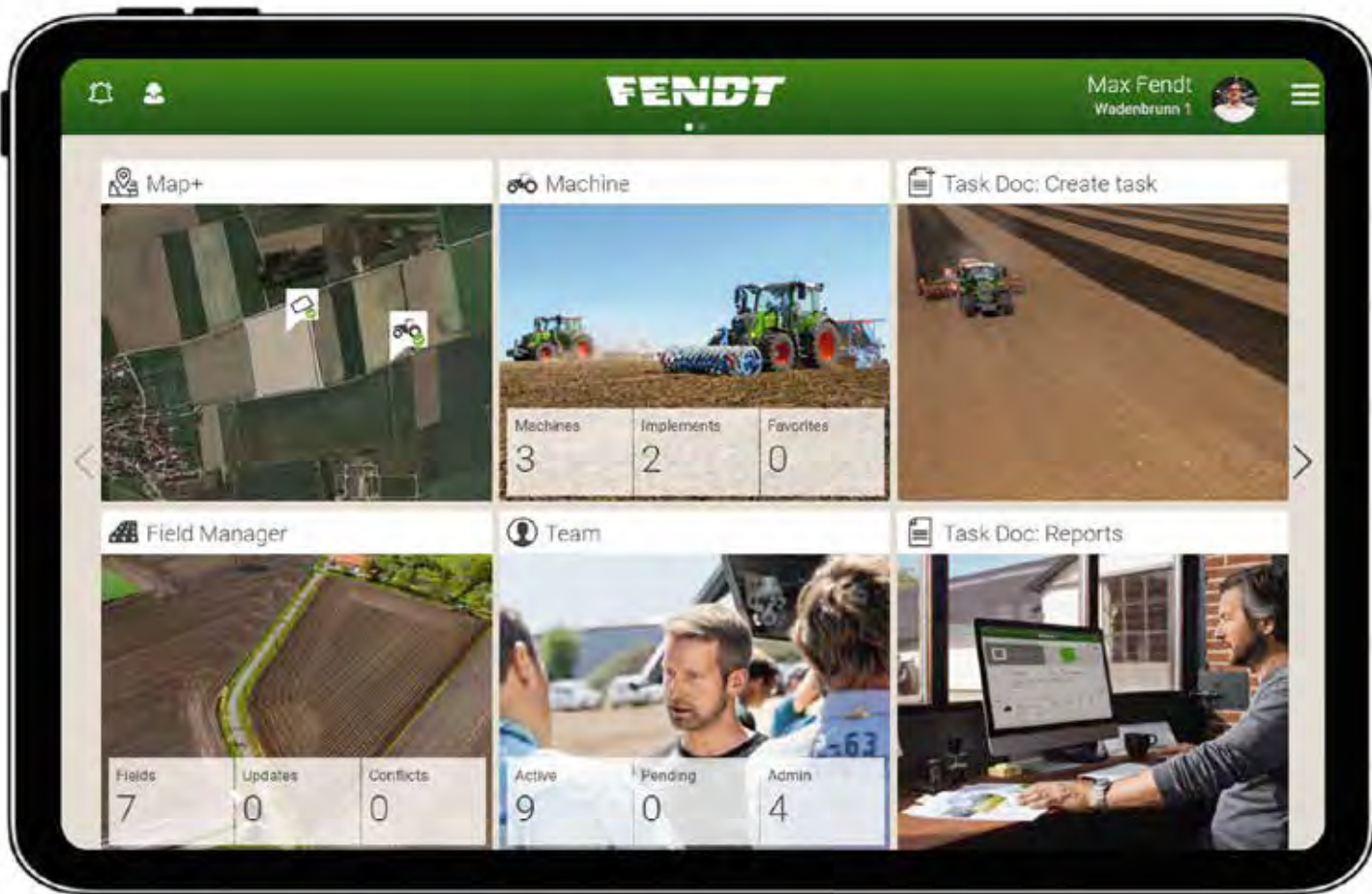
FENDT

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Fendt 200 Vario

		207 Vario	208 Vario	209 Vario	210 Vario	211 Vario
Engine						
Maximum power ECE R 120	kW/hp	58/79	62/84	69/94	77/104	84/114
Maximum power with DP ECE R 120	kW/hp					91/124

Overview of Fendt expertise.



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At a glance.

Fendt 200 Vario – for the best job in the world.

Because performance knows no limitations, we have equipped the new Fendt 200 Vario with everything that you need for successful work results. Compact dimensions and an airy, spacious cabin make it not only unbelievably comfortable but also the perfect partner for use under all conditions. Performance strength and optimum variability across the three equipment variants give you the power to achieve great things. Your workplace, your rules – with FendtONE you experience intuitive operation in a completely new way. Above all, you can expect one thing: precisely the right functions for your needs.

- FendtONE:
 - New driver workplace (onboard)
 - Planning and management functions with FendtONE offboard
- Comfort cabin with 100° overview
- Selection from three equipment levels
- Comfort front power lift with traction relief control for perfect equipment control and traction.
- Fendt DynamicPerformance: intelligent added performance concept
- Fendt Guide track guidance for superior productivity
- Vario added performance: up to 7 % time saved and up to 9 % less diesel consumption
- Front axle anti-roll suspension: up to 7 % more area output, comfortably and safely
- Low centre of gravity and especially stable on slopes

Introduction.

Model overview

Design

Added values

Spotlights

Equipment ranges

A comparison of key features



Model overview.



Models	Max. performance kW / hp (ECE R120)	Max. performance kW / hp including DP (ECE R120)	Max. torque Nm
207 Vario	58 / 79		328
208 Vario	62 / 84		348
209 Vario	69 / 94		389
210 Vario	77 / 104		428
211 Vario DP	84 / 114	92 / 124	508

Applications and design.

Stepless-gear compact tractor – for the best job in the world

Areas of use and target groups

- Small to medium-size grassland farms
- Forage businesses (FL machine, second tractor)
- Alpine use
- Special crops
- Municipal sector



Fendt 200 Vario – lines

Equipment ranges.



3 equipment lines: Power, Profi & Profi+

5 models: 207 Vario - 208 Vario - 209 Vario - 210 Vario - 211 Vario DP



Added value (1/2).

		from Power	Profi	Profi+	Customer benefit	Added values		
						Power	Profi	Profi+
Engine/transmission	1	New top-end model 211 Vario with up to 124 hp engine output (ECE R120) and 508 Nm with Fendt DynamicPerformance			•Lightweight tractor with greater area coverage and low weight-power ratio (34 hp/t) •Intelligent power boost even for tillage and at a standstill during PTO work	2000	2000	2000
	2	Hydraulic tappets for reduced maintenance			Quieter with less vibration from the engine – no setup work	1000	1000	1000
	3	Electronically controlled Viscronic fans to regulate precisely according to actual need			•Significantly lower maintenance and longer working times even in dusty conditions •Each cooler can be controlled individually for quiet, vibration-free and fuel-saving work	400	400	400
	4	Efficient exhaust technology for EU Stage 5			•Efficient implementation of exhaust gas legislation by leaving out the external EGR •DOC – catalytic converter – HC reduction, passive DPF with Heat Mode and SCR – NOx after-treatment with AdBlue			
	5	40 km/h at just 1,550 rpm with new gear transmission			Reduced engine rpm for a quieter drive and lower fuel consumption; more traction power during transport			
	6	Diesel tank (125l) easily to refill at A-pillar			Easily to refill at A-pillar even with front implement attached			
	7	Air filter well-positioned under front hood head			Air intake at front away from dust, not between the axles			
	8	Tractor Management System TMS with auto Limit Load 2.0 with Kickdown mode as standard			•Best engine/transmission management for load-dependent control of speed and engine rpm •Reaches and maintains the target speed more quickly and is more nimble under load •Kickdown mode for instant acceleration			
Cab	9	All-new cab with large panoramic roof window, built-in sun visor and covering; wide Comfort seat, high headroom, excellent all-round view			•Top controls, more room and freedom of movement •Ventilation and climate control through 8 air outlets in the steering column, front and rear roof •Optional footwell heating for winter work with 2 extra outlets on the side of the steering column •Best view of overhead work, including front loader operation. Roof window can be completely covered with built-in sun visor. Keeps out the heat	600	600	600
	10	New wider Comfort seat with improved suspension – cushioned and pivoting passenger seat			•+32 mm wider Comfort seat (482 mm) and +20 mm more suspension (100 mm), semi-auto weight adjustment, vertical suspension can be locked			
	11	Steering column and dashboard adjustable by foot pedal in height and tilt			•Quick and easy to adjust to the best seating position •Easy to get in and out			
	12	Built-in cable ducts at rear			•3 cable ducts at the rear window, internal cable lead-throughs at the C-pillar •Dust, noise and water stay outside			
	13	FendtONE – control panel including multifunction joystick; pushdial and key assignment with flexible colour-coding			•Improved ergonomics with controls on the panel next to the driver's seat •Control fields for transmission, power lift, hydraulics and PTOs •Including 5 buttons ready to be assigned (IOM) and built-in colour-coding	500	500	500
	14	Central 10" TFT dashboard with pushdial and 4 hotkeys			•Central digital cockpit with settings for the power lift, hydraulics, engine, transmission, onboard computer, ventilation, lights, front axle suspension, valve assignment and Service & Diagnostics	800	800	800
	15	2-way multifunction joystick with reverse drive and proportional control hydraulic control, cruise control adjustment on pushdial			•Perfect hand positioning and 4 extra functions that you can assign – clover leaf controls •Joystick/armrest – 15 assignable buttons; 10 on joystick, 5 on armrest. Now: 10 ready to be assigned	500	500	500
	16	12" terminal on control panel with touch + pushdial controls, pivoting			•Customised splitting of the display into 1-6 panes •Set up specific views by drag and dropping between terminals •IOM – Individual Operation Manager for specific button assignment			2998

Added value (2/2).

		from Power	Profi	Profi+	Customer benefit	Added values		
						Power	Profi	Profi+
Variotronic	17	Fendt TI headland management (together with 12" terminal)			•Built-in headland management for efficient results. Program at a standstill or while working – 5 triggers (distance, time, front power lift, rear power lift, button) and 11 function groups			
	18	FendtONE – use the terminal to connect tractor operations to office planning and monitoring tasks; 3 modules: Guidance system, agronomics, machine control			•Plan field data and jobs wherever you are on your computer/tablet/mobile, then send to the machine •Same view in the driver's cab, office and on the move			
	19	Fendt Guide guidance system same as 300 – 1000 Vario			•Full use and functionality on Fendt key machines •Software – update-readiness: Performance capacity that grows with your business			
	20	Guidance system module: With tractor setup and Fendt Guide application for more productivity in field work			•Reduces overlapping during parallel runs and central updating and management of field data •Software: Fendt Contour Assistant*, TI Auto, choice of different receivers, optional NovAtel, Trimble			
	21	Fendt Contour Assistant with Single Track / Contour Segment control			•Contour segments: 3 modes – create contour segments – manually record, automatic mapping based on field boundary and existing waylines •Single track: Option to map tracks as almost one endless unending contour line			
	22	Agronomy module: Set up and evaluate jobs on the machine with Fendt Task Doc Documentation and Task Manager control			•Fendt Task Doc with mobile network transfer including GPS data for seamless reporting •Flexible data transfer either via USB or mobile network •Data exchange with various manufacturers with the ISO-XML standard			
	23	Machine Control module: Control ISOBUS attachments with ISOBUS 200 interface			•Concentrate your work on specific sub-areas and save on resources •Easy to operate ISOBUS implements and software: Section Control (SC) and Fendt VariableRateControl (VRC)			
Hydraulics / power lifts	24	Electrical valves			•With time and volume control, floating position, assign to the functions you want	776	776	776
	25	No crossgate lever - Power Setting 1			•Control with multifunction joystick	-300		
	26	3L joystick – to control ISOBUS devices, tractor functions and front loader including reverse – available with full range of functions from the end of 2021			•Joystick with perfect ergonomics for up to 27 freely assignable functions •Switching rocker with 3 settings			
	27	Valve connection integrated into front panel			•Shortest possible gap between the front implement and the hydraulic plug to quickly couple/uncouple			
	28	Rocker controls with colour-coding			•Safe, sensitive controls with colour-coding that matches even when you reassign functions			
	29	Front power lift with position and load relief control for excellent implement guidance on uneven and sloped terrain			•Attachment follows the ground at a consistent height for work that is gentle on the implement and fuel-efficient – no need to adjust the load-relief springs •Grassland: protects the sward without puncturing it – high-quality forage			
	30	Hydraulic valve actuation on the outside – on both sides of the tractor rear			•Easy to operate e.g. hydraulic upper link at rear – avoid getting in and out of the cab unnecessarily			
Build	31	Higher payload of +300 kg – higher permissible GVW of 7,500 kg; increased axle loads			GVW increased to 7,500 kg: higher front axle load: + 200 kg to 3.400 kg; rear axle load: + 300 kg = 5,300 kg	100	100	100
	32	New bihalogen headlights and daytime running lights			Easy to extend the lighting: - When switching to high beam, light distribution and brightness of the dipped area remains unchanged – far-reaching light extends existing light cones			
	33	AWD and automatic differential lock independent of the steering angle and speed			AWD and differential lock triggered automatically by steering angle			
					Added value 207-210 Vario	4,376	4,376	7,674
					Added value 211 Vario	6,376	6,376	9,676

Fendt spotlights. Special. Better.

A Fendt 200 Vario is characterised by its thoughtful design down to the last detail. This latest generation includes five models in power classes ranging from 79 to 124 hp in the three configurations from Power and Profi up to Profi+. Here you can see our special Fendt solutions – our Fendt Spotlights – that make the difference and simply make your work better every day.

➊ **1. Comfort cab with a 100° panoramic view**

Spacious cab with a 100° panoramic view. Excellent all-round view with the 6-pillar cab.

➋ **2. FendtONE driver's workstation: intuitive control with 10" dashboard and console**

All controls in one place, console with 2-way multifunction joystick. Customise the entire workstation with freely assignable buttons. Optional extras include a fully integrated 12" terminal

➌ **3. Fendt DynamicPerformance: smart power boost concept for greater area coverage and higher productivity. Extra power boost of up to 10 hp on the 211 Vario, at any speed.**

➍ **4. Front power lift with load-relief control for perfect implement control and traction**

The Comfort front power lift ensures the best feed quality thanks to the constant working height. The weight transfer from the mower or packer to the front axle brings more traction and keeps on track better on the slope.

➎ **5. Enjoy Vario added power – save up to 7% on time and 9% on diesel**

Make the most of the added value that comes with Fendt Vario, and drive at the ideal speed every time. Work sensitively and as economically as possible, for maximum area coverage.

➏ **6. Low centre of gravity and extremely safe on slopes**

The high stability of the Fendt 200 Vario results from the tractor's low centre of gravity. Together with the best traction and constant power engagement of the Vario transmission, you can work safely even on slopes.

➐ **10. FendtONE – seamlessly connecting machine and office**

Combines machine control, communication and documentation with the office in one new unit. 4 modules: Guidance System, Agronomy, Telemetry, Machine Control.

➑ **9. Fendt Guide lane guidance for unrivalled productivity**

With SectionControl, VariableRateControl, Contour Assistant and Task Doc Documentation. Access the same innovative solutions across all your Fendt tractors.

➒ **8. Front-axle suspension with anti-roll support**

for up to 7% more area coverage, plus comfort and safety. Anti-roll control guarantees a high degree of stability and operating safety, especially when working with heavy implements on slopes.

➓ **7. Perfect modularity with Power, Profi and Profi+**

You can tailor the Fendt 200 Vario to your particular needs. With 160 options and 70 tyres and tracks on delivery.



Configurations – cab.

Cab	Power	Profi	Profi+
	Comfort cab, 4 pillars with 100° view, built-in panorama roof window with sunblind, front window opens out, wide Comfort seat and cushioned rotating passenger seat; steering column with cockpit adjusts in height and tilt with foot pedal		
	Central, configurable 10" TFT dashboard with pushdial and 4 hotkeys		
	Adjustable multifunction control panel with controls on the driver's seat		
	Armrest keypad – keys assigned with flexible colour-coding including 5 freely assignable keys (IOM) and integrated colour-coding		
	2-way multifunction joystick with proportional hydraulics, 5 buttons ready to be assigned,		
	2 engine speed memory, 2x cruise controls and adjustable cruise control		
	Cab bearings (cone front + rear)		
		Optional mechanical cab suspension	
	Rear-view & wide-angle mirror mechanically adjustable		
	Climate control* / air-conditioning*		
	Work lights, 1 pair on the rear roof	Work lights, 1 pair on the rear roof and 1 pair at the front	
	Inside light right		



Standard * Optional – please refer to the equipment setting

Configurations – Variotronic.

Variotronic	Power	Profi	Profi+
	Auto power lift and PTO at rear	Auto power lift and PTO at front& rear	
		12" terminal* with touch,keys and pushdial control, automatic backlight	
		Fendt headland management system ^{Tl}	
		3L joystick* with 27 functions, 3 control levels + reverse button	
		ISOBUS 200 implement control via Incab socket ** – Machine Control module: for ISOBUS attachments	
			FendtActive overlay steering
			Guidance system basic package: Fendt Guide setup
			Fendt Contour Assistant * with Single Track / Contour Segment control
			Agronomy module: Create and report jobs with Task Doc Documentation and TaskManager control



* Optional - please refer to the equipment setting
** ISOBUS capability will follow from January 2021 and other features with the additional levels in June 2021. They will be released through a software update.

Configurations – electrics, hydraulics.



Electrics	Power	Profi	Profi+
	Acoustic signal when reversing*		
Hydraulics	33 + 42 l/min fixed flow pump and auto summation or 104l/min (33 + 71 l/min) powershift control pump*		
	2 linear modules or crossgate lever (depending on Setting 1 /2)	Crossgate lever or 3L joystick	
	NEW: 2 linear module control elements with colour-coding	Up to 2 linear module controls with colour-coding optional	
	NEW: Electric valves with time and flow control	Electric valves with time and flow control	
	Independent front valves	Independent centre/front valves	
	Max. 4 valves at the rear or NEW: Max. 3 valves at the rear + max. 1 valve at the front (independent)	Max. 4 valves at the rear or Max. 3 valves at the rear + max. 1 valve at the front (independent)	
	Auto power lift and PTO front and rear		
	NEW: Externally controlled hydraulics valve	Externally controlled hydraulics valve	
	NEW: Double-acting* comfort front power lift with position and load-relief control	Double-acting* comfort front power lift with position and load-relief control*	
	Power Beyond* (with 104 l/min control pump)		

Standard * Optional – please refer to the equipment setting

Configurations – design.

Build	Power	Profi	Profi+
	Self-levelling, lockable front axle suspension with anti-roll control, +/- 40 mm suspension travel optional		
	Pivoting front wheel mudguard*	Pivoting front wheel mudguard	
	Locomatic and 100% disc locking*	Locomatic and 100% disc locking	
	NEW: 4WD and auto differential lock Steering angle and speed-led*	4WD and auto differential lock Steering angle and speed-led	
		Automatic trailer steering axle lock*	
	White painted roof (UV protection)		
	New: Daylight running light*	Daylight running light	
	Front loader Cargo*		

Standard * Optional – please refer to the equipment setting



200 Vario Gen3 vs 200 Vario S3.

- Concept of the compact tractor with excellent slope suitability due to low centre of gravity of 850 mm, almost identical to the 200 S3
- Spacious VisioPlus cab with 100° viewing angle – raised windscreen and large panoramic roof window – height + 9 cm to 2.62 m
- Wide comfort seat (+ 32 mm), increased spring travel (+20 mm) and padded passenger seat
- New FendtONE workstation with control console, multifunction joystick and digital, adjustable dashboard
- Diesel tank at the A-pillar
- 300 kg higher payload: with a GVW of 7,500 kg
- Wheelbase + 51 mm to 2,370 mm



Key features compared (1/3).

		211 Vario S3	211 Vario Gen3		311 Vario Gen4 Profi/Profi+
			Power	Profi/Profi+	
Engine	Max. power ECE R 120 [hp]	111	114 (124 with DP)		113
	Max. torque [Nm]	463 (@ 1,450)	508 (@ 1,500)		497 (@ 1,500)
	Torque rise [%]		37		
	Tank capacity [l] diesel	125	125		210
	Tank capacity [l] AdBlue		16		22
	Fan	Visco fan	Visctronic		Visctronic
	Max. speed km/h / rpm	40/ 1,750	40/ 1,550		40/ 1,550
Hydraulics	Max. control units (rear/centre connections)	4 – mechanical (4/2)		4 – electrical (4/0 or 3/1)	4 – electrical (4/0 or 3/1 including front connection)
	Max. pump output [l/min]	75 (33 + 42)/ 104* (33 + 71)	75 (33 + 42)/ 104* (33 + 71)	75 (33 + 42)/ 104* (33 + 71) LS pump	75 (33 + 42)/ 104* (33 + 71) LS pump
	Auto. hydraulic oil summation	With tandem pump		With tandem pump	With tandem pump
	Extractable oil volume [l]	34	34		43
	Power Beyond connection	Optional	Optional with LS pump	Optional with LS pump	Optional with LS pump
	Electric valves with time and flow control		Standard	Standard	Standard
	Custom-assigned valves		Standard	Standard	Standard
	Externally controlled valve			Optional	Optional

Key features compared (2/3).

		211 Vario S3	211 Vario Gen3		311 Vario Gen4
			Power	Profi/Profi+	
Linkage	Max. lift capacity of rear power lift	4,204	4,204		5,960
	Max. lift capacity of front power lift [daN]	2,540	2,540		3130
	Front power lift position control		Optional	Optional	Optional
	Front power lift load-relief control		Optional	Optional	From Profi/Profi+
	Externally controlled front power lift			Standard with front power lift	Standard with front power lift
Cab	Comfort cab		Standard		
	Power joystick	Variostick			
	Multifunction joystick (2-way), proportional Hydraulics, cruise control dial		Standard		Standard
	Controls on key pad	Variocenter with membrane keypad – control panel	FendtOne control panel with colour guide		FendtOne armrest with colour guide
	Central 10" TFT dashboard terminal		Standard		Standard
	3L joystick with 3 control levels, 27 functions + reverse button		Optional		Optional
	Air-conditioning	Optional	Optional on 200 - standard on 300		
	Automatic climate control		Optional	Optional	Optional
	Mechanical cab suspension	Optional	Optional	Optional on 200 - standard on 300	
	Front/rear work lights	Max. 4/2	Max. 4/2		Max. 4/2

Key features compared (3/3).

		211 Vario S3	211 Vario Gen3		311 Vario Gen4Profi/Profi+
			Power	Profi/Profi+	
Electronics	Varioterminal, pivoting			12" terminal as standard, with touch and pushdial controls. From Profi Setting 2	12" terminal as standard with touch and button control
	Fendt ^{TI}			Standard	Standard
	Implement memory, work profiles			Standard	Standard
	ISOBUS 200 implement control			Optional	Optional (Machine Control module)
	FendtGuide lane guidance			Option Profi+	Optional Guidance System
	Contour Assistant				Optional Guidance System
	Machine Control (ISOBUS)			ISOBUS 200 form Profi without SC/VRC	ISOBUS from Profi+ for SC/VRC
	Agronomy module			From Profi+	From Profi+
	Fendt Connect telemetry				From Profi+
Build	Unladen weight [kg]	4,010	4,280		4,850
	Permissible overall weight [kg]	7,000	7,500		8,500
	Permissible front axle load [kg]	3,200	3,400		4,500
	Permissible rear axle load	5,000	5,300		7,000
	Max. Ø of rear wheel [mm]	1,630	1,630		1,774 – 1,800 for service wheels (remove individually)
	Max. speed/rpm	40/1,750	NEW: 40/1,550		40/1,550
	Wheelbase	2319	2,370		2,420
	Front/rear standard tyres	480/65 R20 – 540/65 R34			480/65 R24 – 540/65 R38
	Height – standard tyres (m)		2.62		2.87
	All-wheel drive + auto differential lock	Optional in conjunction with front-axle suspension	Standard		Standard
	Bihalolgen headlights		Standard		Standard
	Daylight running light		Standard from Profi		

Fendt 200 Vario

Engine.

FENDT

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Design and features

Exhaust gas after-treatment

Air filter

Fuel tank

Cooling and ventilation

DynamicPerformance power boost concept



Design and characteristics 1/2.

Engine technology

- AGCO Power (AP 33 AWI) – 3.3-litre cubic capacity; 3 cylinders; 4-valve technology, hydraulic tappets, emissions stage 5/TIER IV final
- Exhaust gas after-treatment with DOC (diesel oxidation catalyst), passive DPF and SCR on the A-pillar
- Common rail – multi-point injection with 1,800 bar injection pressure – electronic engine control EDC 17
- Electronically controlled wastegate turbocharger
- High tank capacity of 125 l Diesel + 16 l AdBlue
- Viscronic fans (electronically controlled fans)
- Hydraulic tappets for automatic valve play adjustment and quiet, low-vibration engine run

- + Outstanding performance
- + Low rated speed of 2,100 rpm
- + Electronically controlled Viscronic fans for a quieter run and sensitive, fuel-saving heat regulation
- + Stage 5 / TIER IV final emissions standard

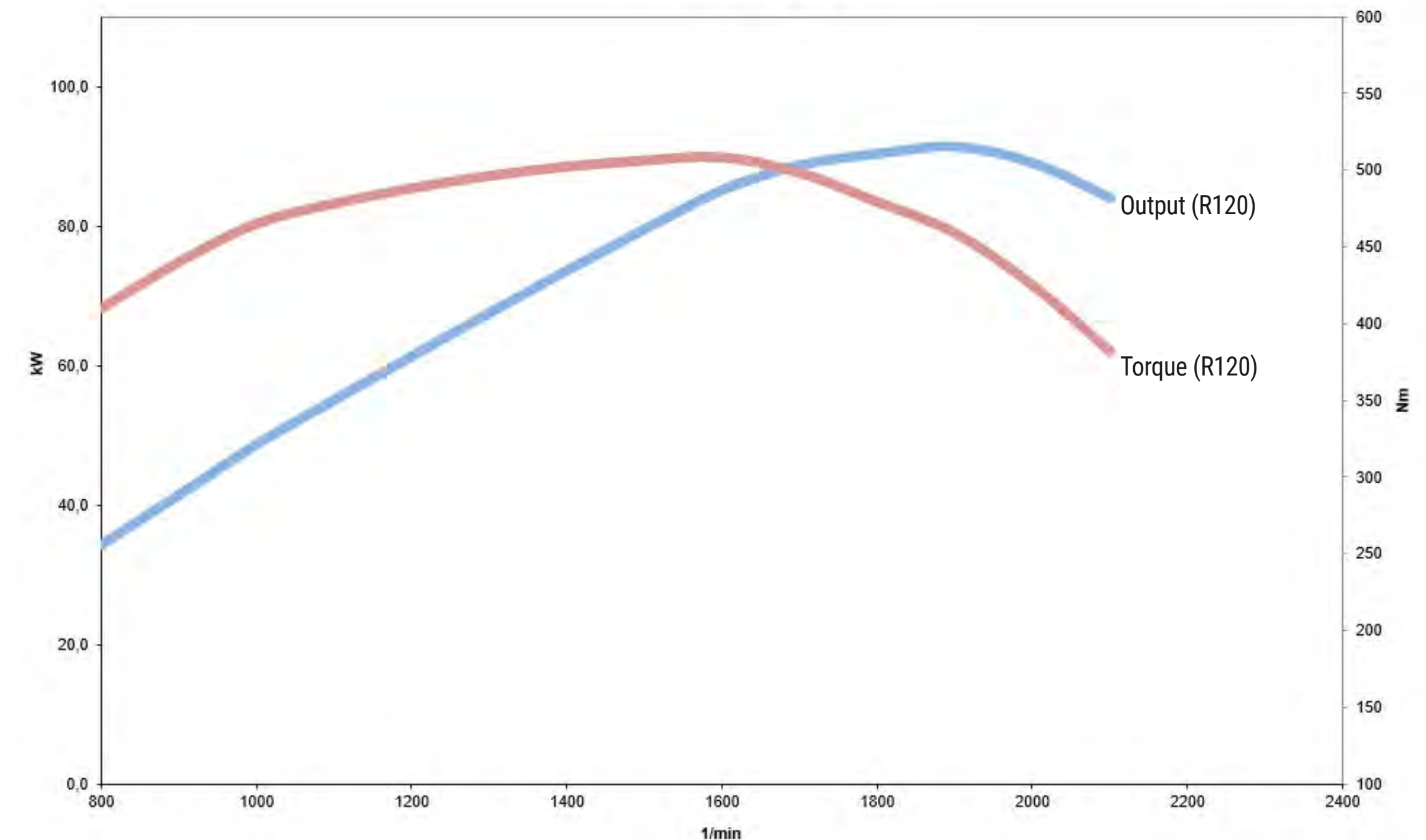


Design and characteristics 2/2.

Smart engine characteristics – the key to efficiency

- Intelligent power boost design with Fendt DynamicPerformance (DP) and up to 10 hp extra power
- High maximum torque: max. 508 Nm / 1,500 rpm (211 Vario DP)
- 40 km/h top speed at an exceptionally low engine rpm (1,550 rpm)
- Torque increase up to 37%
- Stable idle speed with intelligent reduction when stationary (better start-up behaviour, improved PTO start-up)

Torque / power 211 Vario with DP



- + Low rated speed of 2,100 rpm
- + Electronic engine control gets the most out of the engine

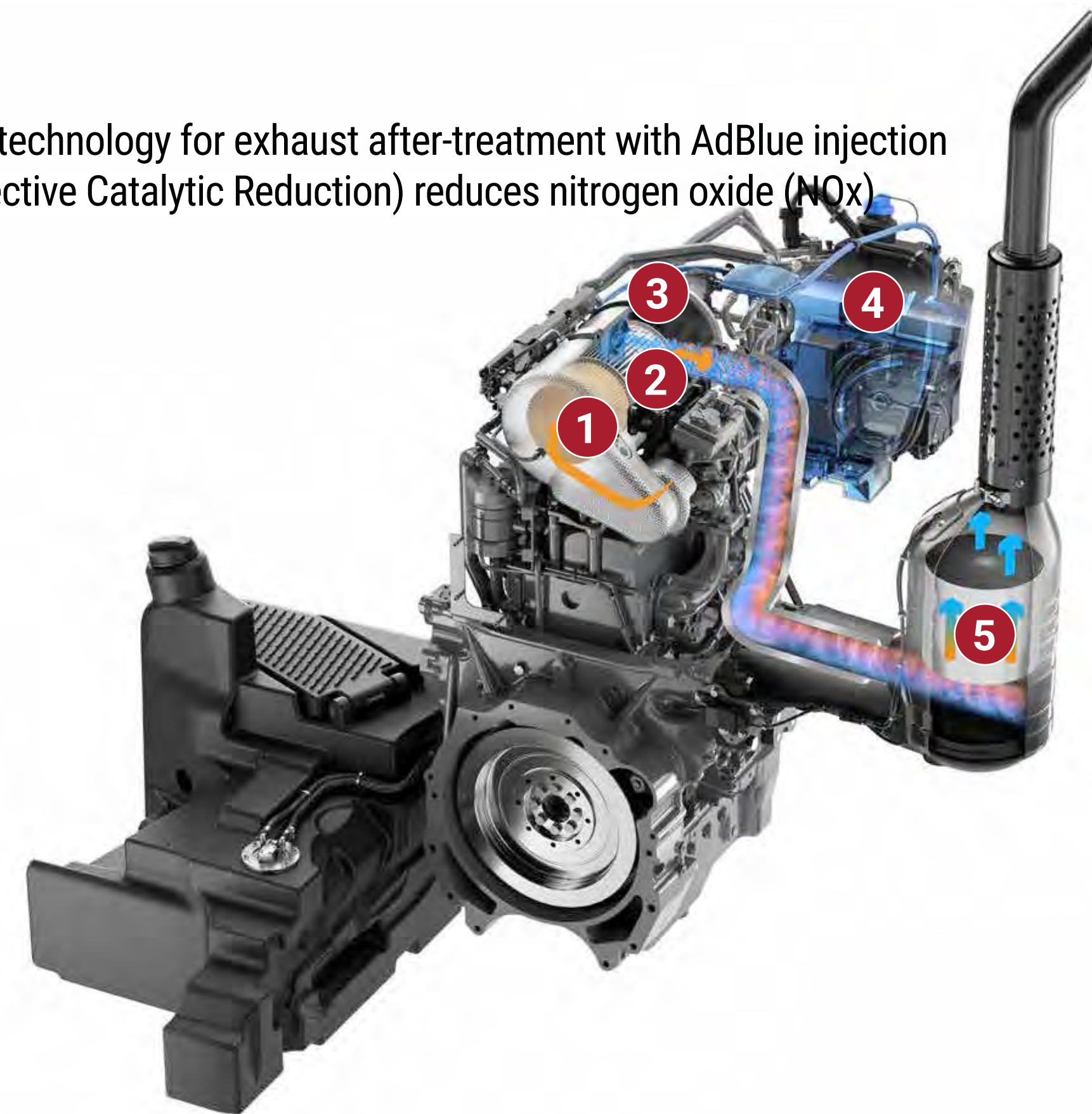
Exhaust after-treatment.

Exhaust after-treatment with DOC, DPF and SCR

- Compliance with the maximum emissions set out in exhaust standard Stage 5
- Exhaust gas technology with diesel oxidation catalyst (DOC), passive diesel particulate filter (DPF) with heat mode built-in under the bonnet and SCR technology in the exhaust pipe

+ For this series – the most economical way to achieve the current emissions standards

SCR technology for exhaust after-treatment with AdBlue injection (Selective Catalytic Reduction) reduces nitrogen oxide (NOx)



1 Diesel oxidation catalyst (DOC)

3 SCR injection

5 SCR Cat

2 Passive diesel particulate filter with heat mode

4 AdBlue tank – 16 litres

Air filter.

Dry air filter with axial flow

- New air-filter model
- Best accessibility
- Low pressure losses
- Extremely high dirt filter capacity
- Absorption upstream of the cooler unit



- + Highly efficient
- + Very accessible to make maintenance easier
- + Air intake in low-dust area



Tank and toolbox.

High-capacity fuel and AdBlue tank

- Built-in fuel tank with 125-litre capacity at the A-pillar
- Extra AdBlue tank – 16-litre capacity
- Fuel prefilter with thermostat valve
- Integrated toolbox



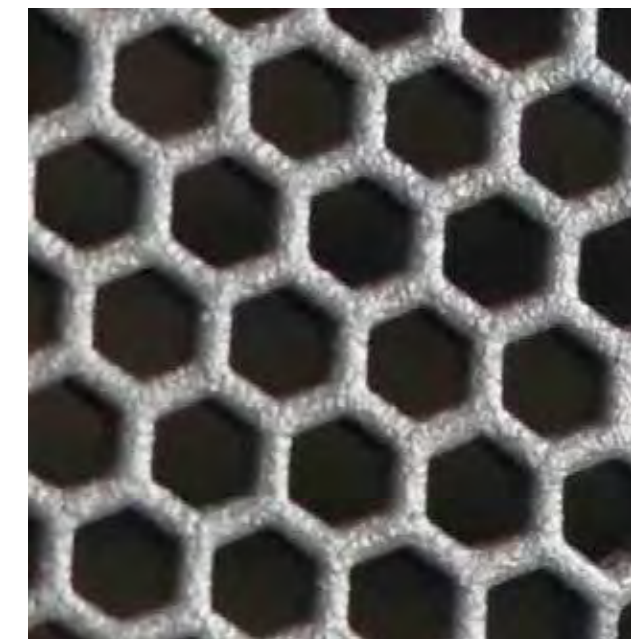
- + Space used to 100% with an updated design shape
- + Easy refuelling at the A-pillar
- + Increased tank capacity to work efficiently without interruption, even on the longest working days
- + Higher operational safety at low temperatures

Cooling and ventilation. 1/4

Compact cooler unit

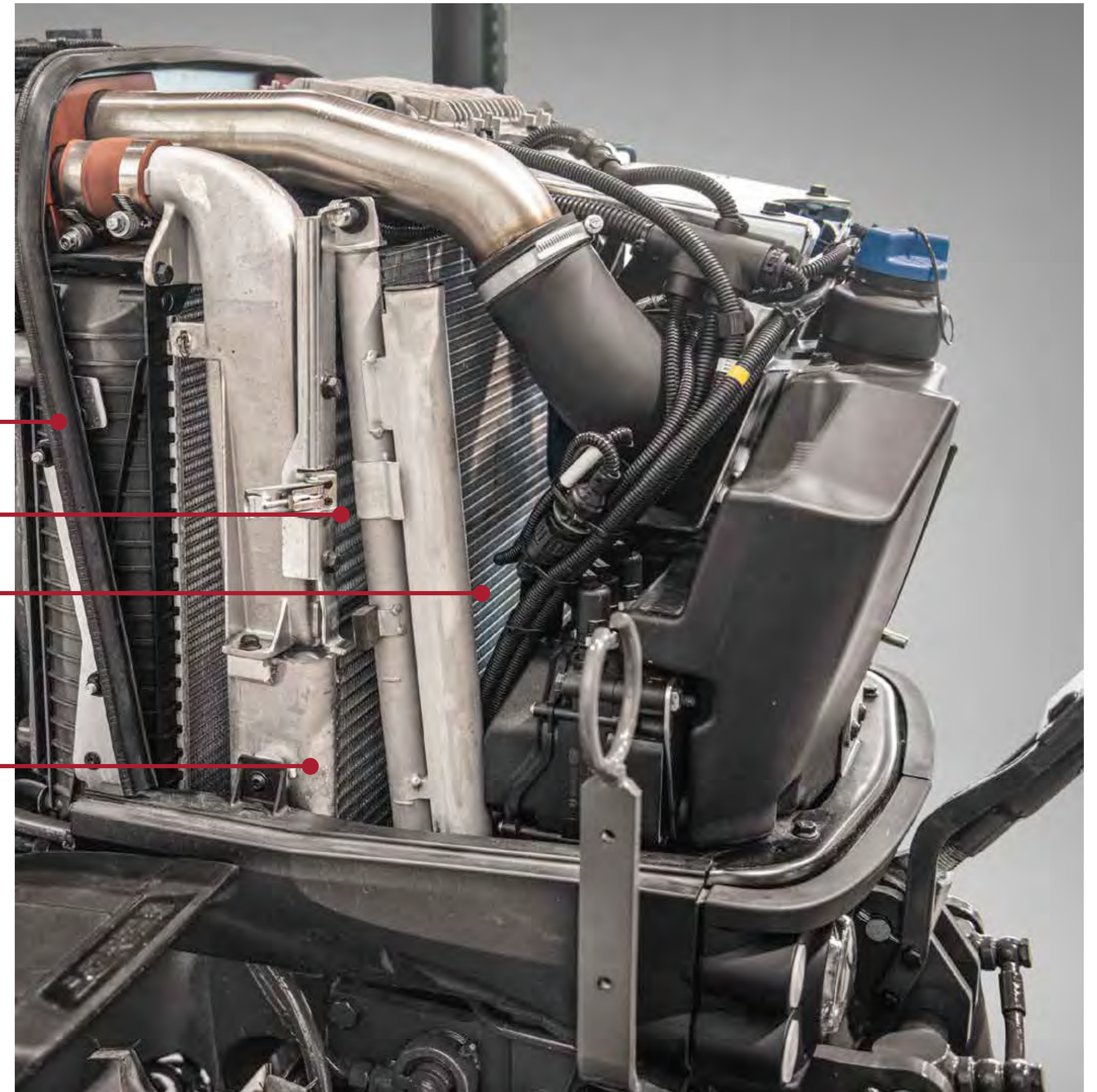
- Plate capacitor for climate control
- Intercooler
- Direct air supply to individual components and openings in side panels for optimised airflow
- Transmission oil cooler cools hydraulic oil using heat exchanger
- Hexagonal instead of round holes in the radiator grille for maximum air flow

- + Clean design with flat radiator floor (inlets and outlets laid under base plate) – avoids dirt deposits
- + High resistance to dust



Cooling. 2/4

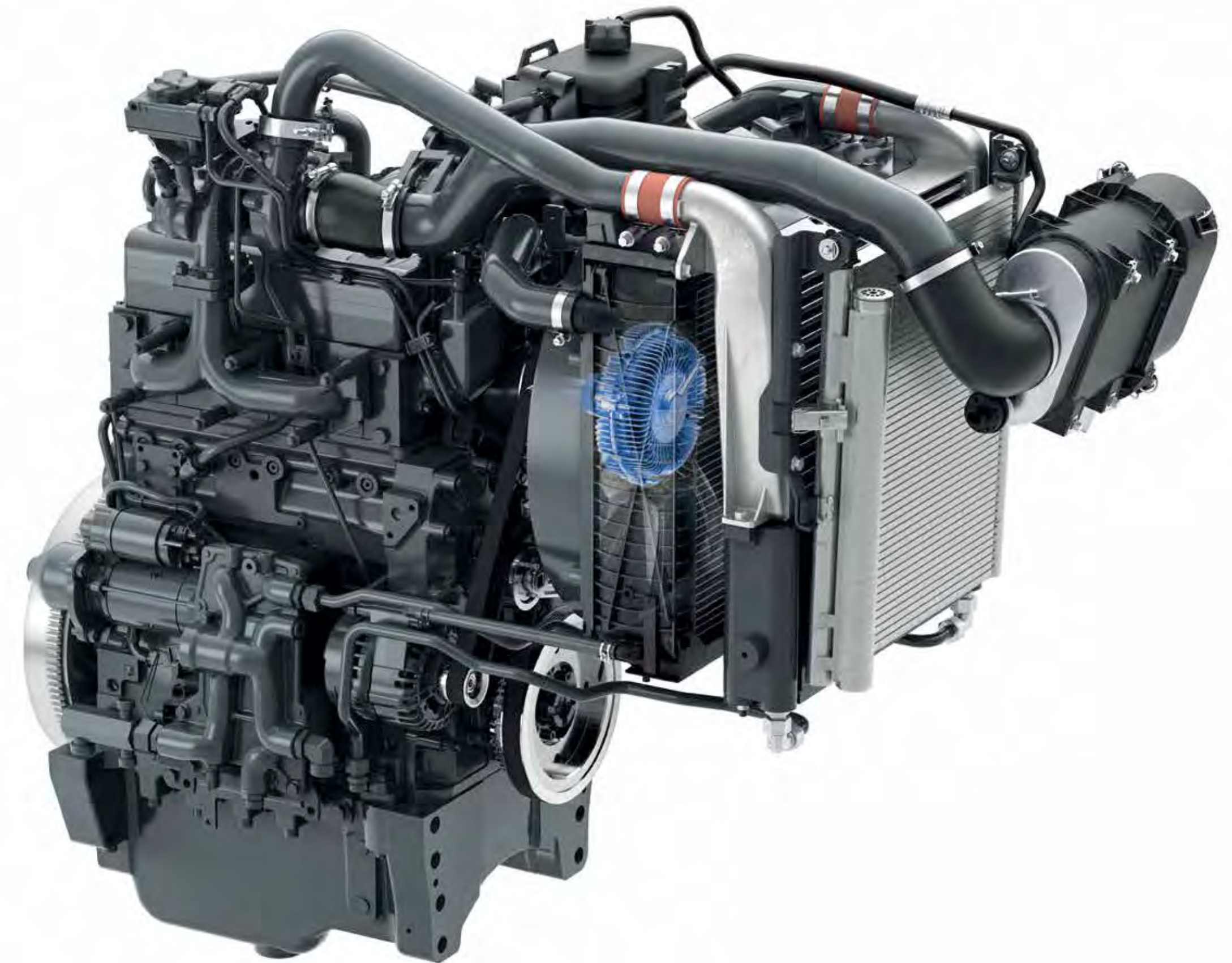
Radiator
Intercooler
Air-con condenser
Transmission oil cooler



Cooling. 3/4

Electronically controlled Viscronic

- Electronically controlled Viscronic fans to regulate efficiently according to actual need
- Each cooler can be controlled individually for quiet and fuel-saving work
- High air flow rate
- Reduced gear ration on the fan
- Low noise with efficient running properties



- + Efficient cooler management – "as needed" for more available performance at the wheel
- + High operational reliability
- + Improved comfort – quieter and less vibration

Cooling. 4/4

Reversible fan

- For particularly dusty conditions, there is an optional reverse fan with adjustable fan blades
- Turning the fan blades reverses the air flow direction. Benefit: blow the cooling grilles clean from the comfort of the cab – for even greater performance and efficiency
- Automated control: Return time is adjustable

- + Quick, easy radiator cleaning without downtime for efficiency thanks to the reversible fan
- + Increased tractor performance and efficiency, with ever-clean radiator vents, giving optimised cooling performance and fuel savings
- + Less maintenance work
- + Less time and effort for the driver, with the radiator grilles cleaned automatically



Fendt DynamicPerformance (DP).

Fendt 211 DP: Fendt DynamicPerformance power boost concept

Requirements on the smart power boost concept

- Engine power has to supply both main consumers and a number of auxiliary units: Whether it's tillage, PTO work, transport or stationary PTO work.
- Familiar boost design with numerous limitations in practical use
 - Only available in very limited operational situations
 - Not designed for continuous operation
 - Only available under certain 'black and white' conditions, e.g. specific speed, activated PTO

New intelligent power boost design that compensates for performance losses and ensures consistent work performance



Power distribution.

Power distribution – primary and secondary consumers

Main consumers:

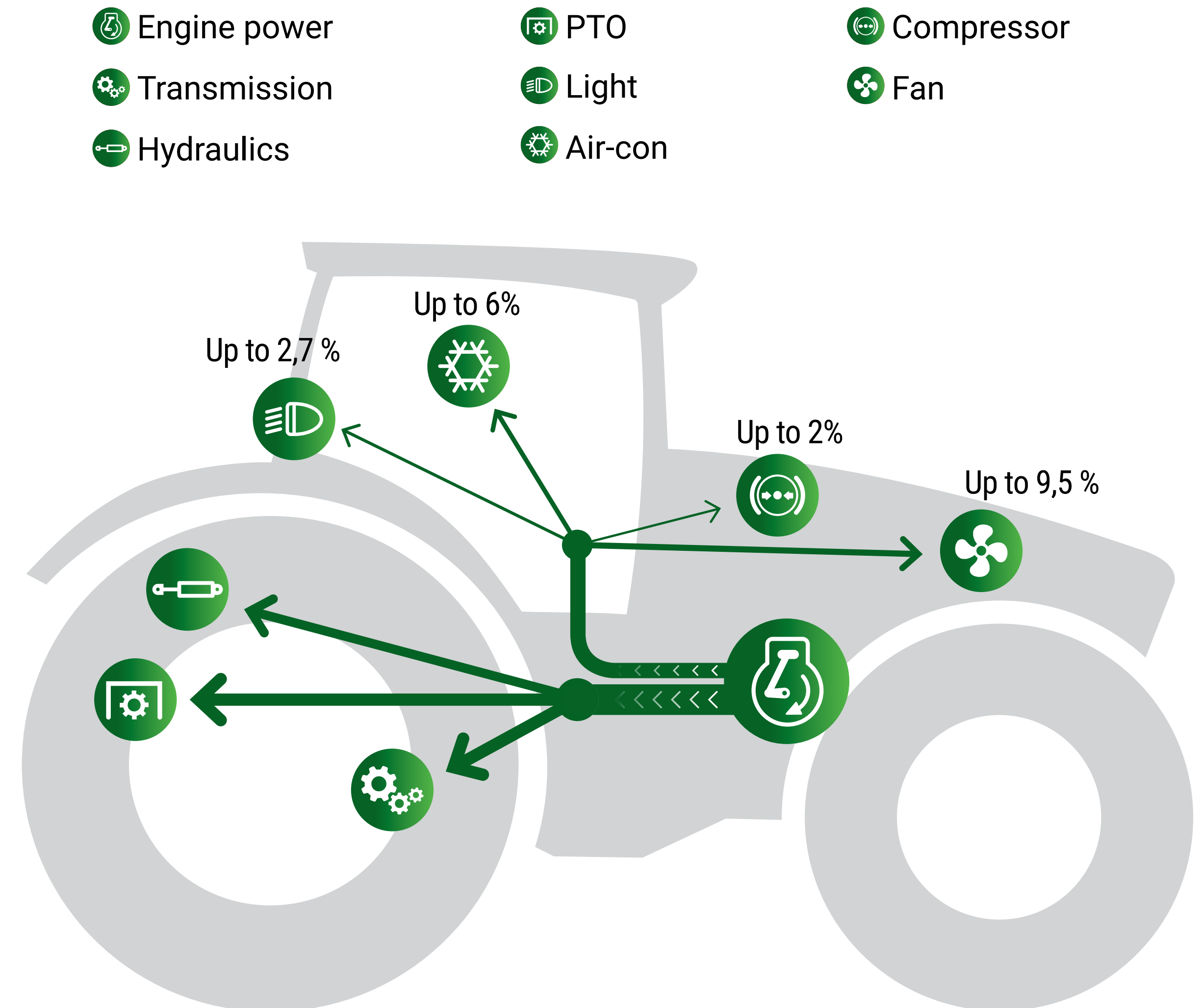
- + Traction power over the wheels
- + PTO that powers certain units
- + Hydraulic pump that powers implements and controls functions

auxiliary users need to be powered.

Let's look at the 125 hp tractor, for example:

- + Fan
- + Air-conditioning
- + Alternator
- + Air compressor

Power requirements of secondary consumers reduce the power available for traction, PTO work and hydraulics



Comparing existing boost concepts.

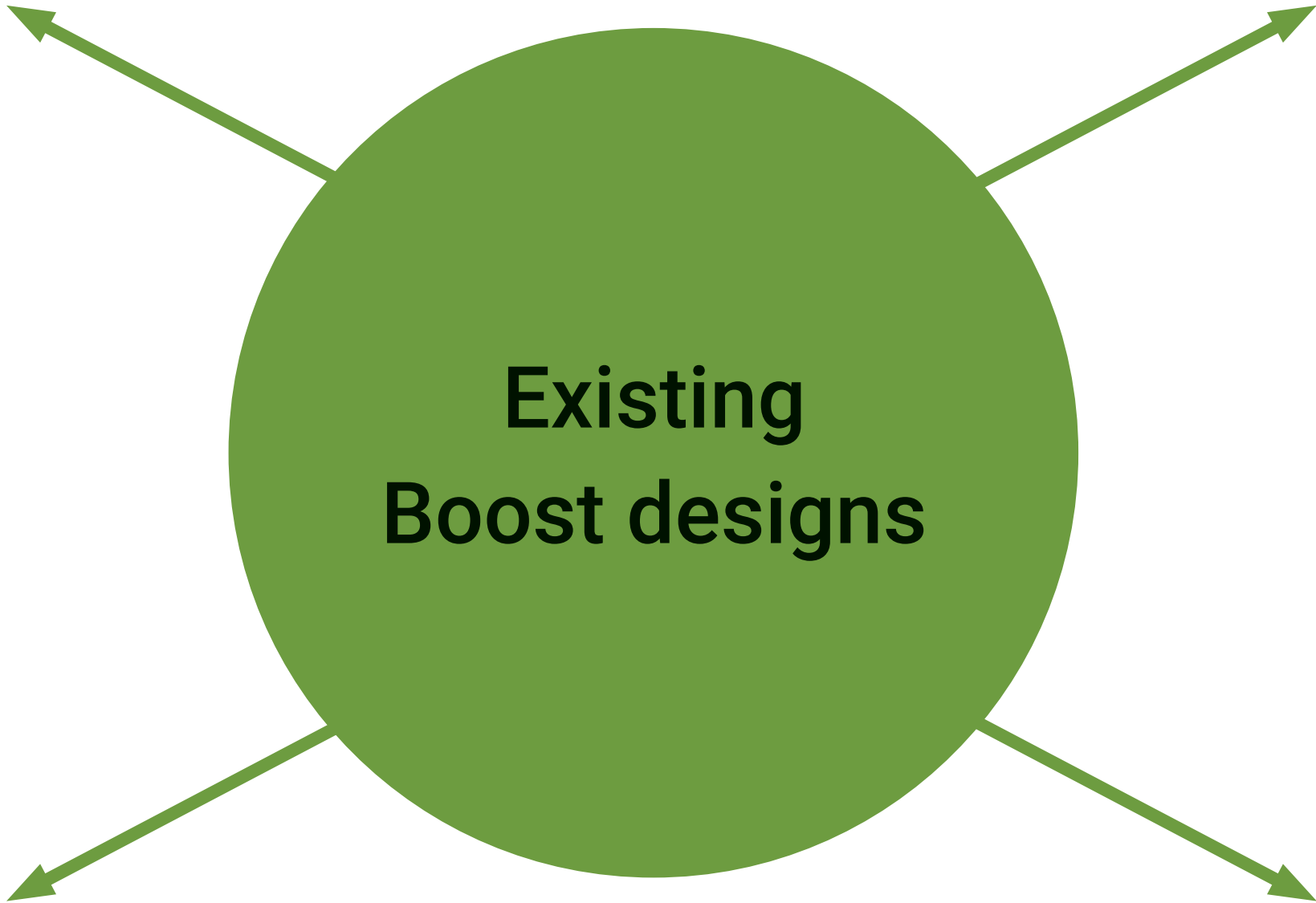
Where things stand

Compared to conventional boost designs

Cooling concepts often not designed for boost performance in continuous operation

Boost is only there under specific 'black and white' conditions, e.g. at a specific speed, activated PTO

**Existing
Boost designs**



Conventional boost only available in very limited operational situations

- Only from a minimum speed on the road
 - Not for stationary PTO work
- Not for tillage under certain conditions

Boost is only gradually released

Fendt DynamicPerformance (DP).

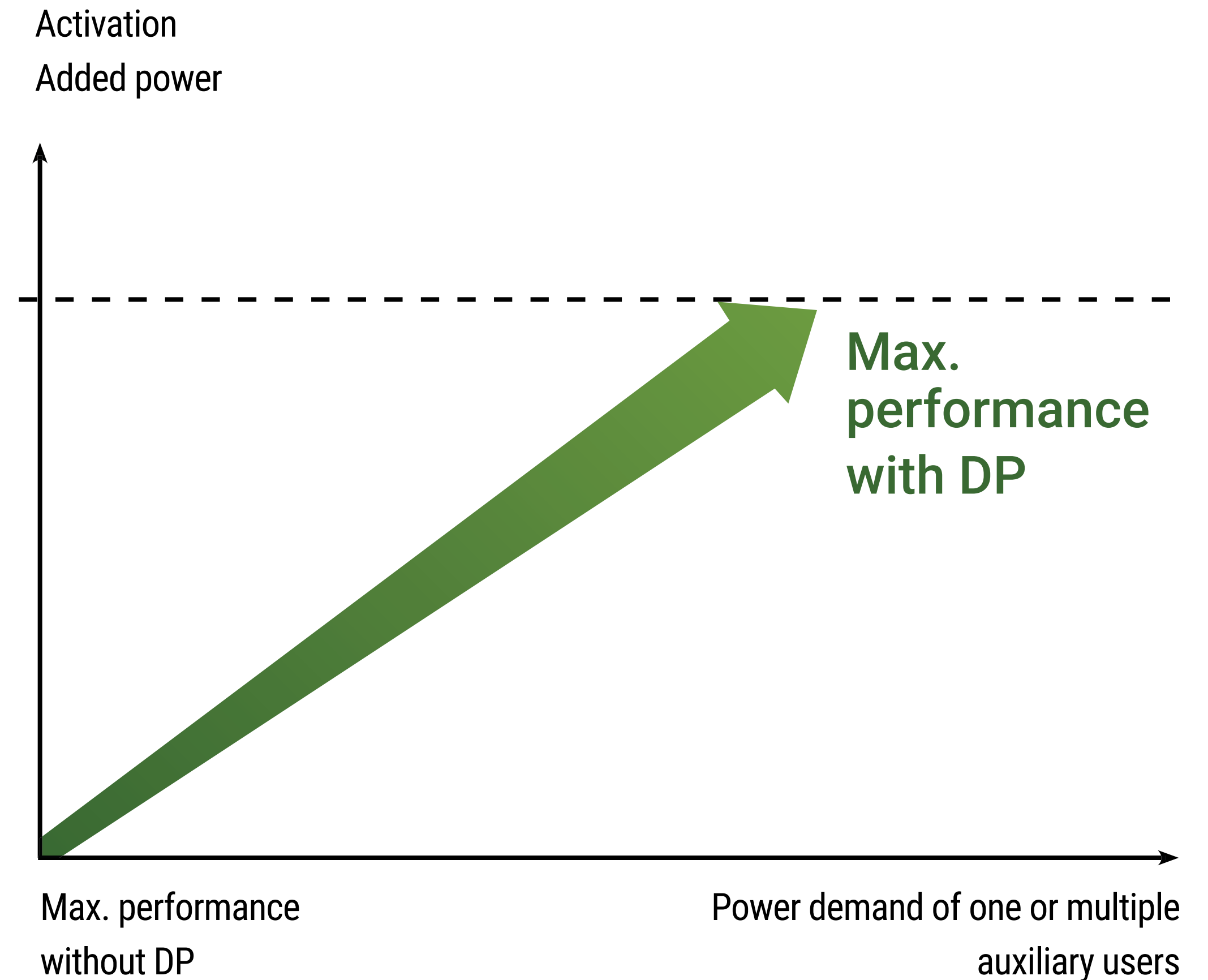
Fendt DynamicPerformance – consistent work performance by compensating for power losses

Intelligent power boost

- Intelligent, sensor-led solution
- Independent of fixed, hard parameters, including speed
- Influencing factors on a Fendt: powered units (fan, alternator, air conditioning, compressor, hydraulics, PTO, gearbox)

Linear power boost

- Fully variable power boost activation
- Stepless, smooth power
- Maximum and best performance always there under the current conditions
- Consistently high performance where the wheel meets the ground



Benefits of use – Fendt DP.

5 Benefits of use – Fendt DP

1. Lighter tractor with higher performance
2. Intelligent, sensor-controlled solution, independent of fixed settings, e.g. speed
3. Additional availability of smart power boost even during low-speed tillage and stationary work compared to conventional boost designs
4. More area coverage thanks to higher driving speed
5. Less fuel consumption per acre



= Higher productivity

DP in practice.

Practical benefits

Practical use	External conditions	Availability of Fendt DynamicPerformance		Availability with conventional boost designs	
Cultivator soil processing	<15 km/h, high outer temperature (fan on max., aircon ON)	Up to 100%	✓	0%	✗
Short disc harrow with pneumatic Seed drill (hydraulic drive)	< 15 km/h	Up to 100%	✓	0%	✗
Road transport	e.g. uphill <15 km/h, high outer temperature (fan on max., aircon ON)	Up to 100%	✓	0%	✗
Mowing		100%	✓	100%	✓
Unloading loader wagons with hydraulic scraper floor		100%	✓	0%	✗
Manure mixing		100%	✓	0%	✗
Feed mixer wagon		100%	✓	0%	✗



Transmission.

Design

TMS / automatic limit load

Role

Multifunction joystick

Controls

Maintenance



Transmission design. 1/2

Stepless Vario transmission (ML 75) for compact standard tractors

- Stepless, smooth and soil-friendly driving for the ultimate in flexibility
- Stepless ground drive from a slow 20 m/h to 40 km/h at a low and quiet 1,550 rpm
- Wear-free reversing from forwards to reverse drive as the hydro pump swivels
- Constant power transfer, e.g. when changing speeds and reversing on slopes
- Constant PTO rpm at variable speeds
- Easy to control with TMS and automatic limit load to make work easier
- Automated controls with cruise control function and maximum load control



Transmission design. 2/2

Vario – benefits

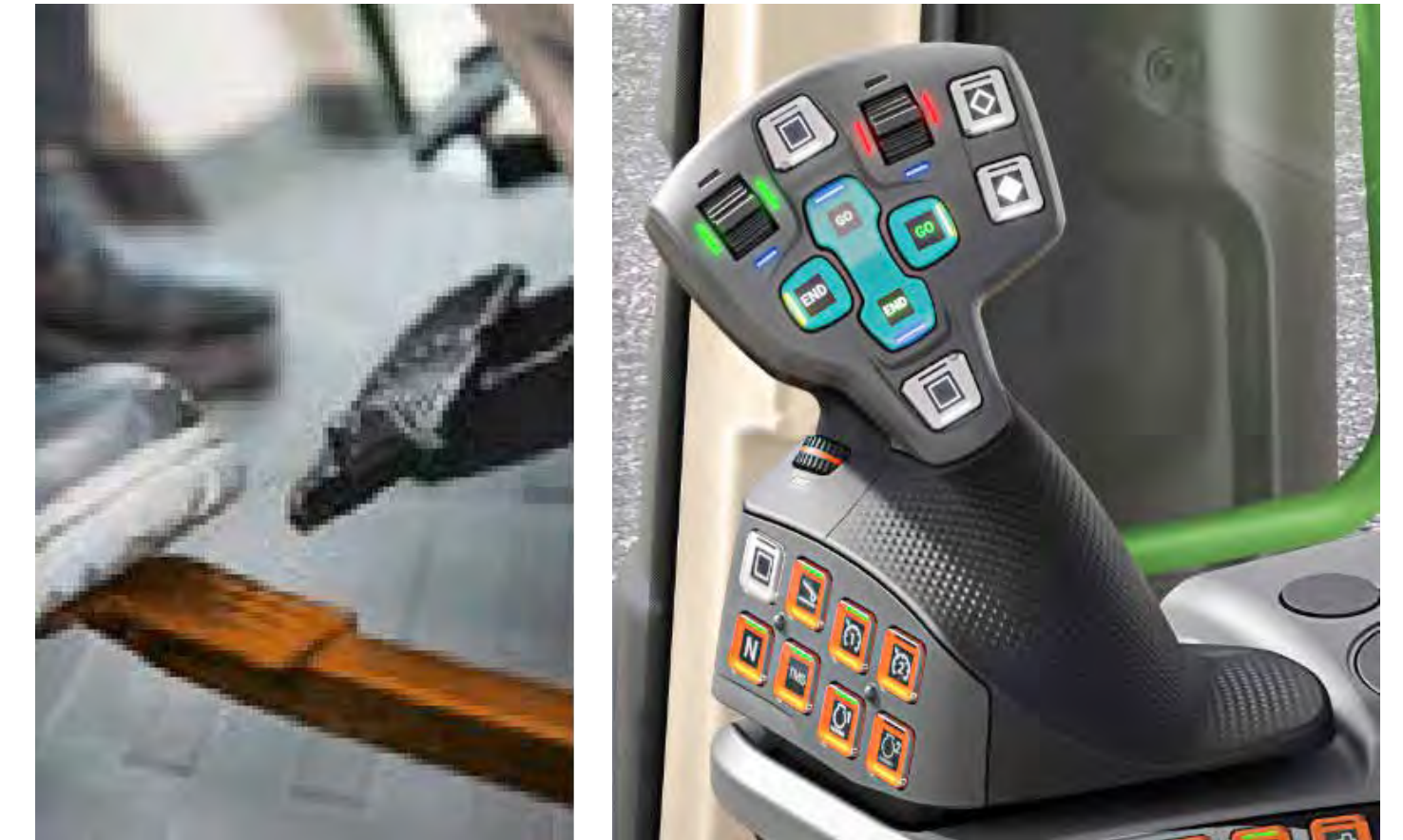
- + No more shifting gears
- + Stepless, wear-free reversing
- + No additional ultra-creeper-gear transmission needed
- + Soil-friendly with 100% smooth powertrain function
- + Low fuel consumption for transport work at 40 km/h, at just 1,550 rpm
- + Best use of the engine with infinitely variable speed adjustment
- + Gear oil change only required every 2,000 hours
- + No special oil required
- + Electronically controlled with TMS and maximum load control 2.0 ensures the transmission shifts when it should and is well monitored



Tractor Management System (TMS).

The perfect duo: TMS and automatic limit load 2.0

- Tractor Management System (TMS) controls the engine and gearbox to always offer the ultimate in cost efficiency
- 2 TMS drive modes: multifunction joystick and driving pedal
- Driver only sets the target speed, TMS regulates the transmission setting and engine speed so that the tractor operates in the best consumption range
 - If the engine slows, the limit load control takes over the engine speed and transmission setting
 - Engine speed is automatically increased when the relevant power is called for
 - As soon as the conditions are right, the tractor drives at a reduced engine speed



Automatic load limit control 2.0.

Automatic limit load 2.0 with Kickdown mode

- Maximum load control sets how far the engine speed is allowed to drop under load before the transmission shifts
- Limit load adjusts sensitively and fully automatically, as does engine pressure
- Sensitive control in relation to target speed (with TMS or cruise control activation) or engine load (without TMS/cruise control)
- Can be set manually as before
- Kickdown mode for instant acceleration

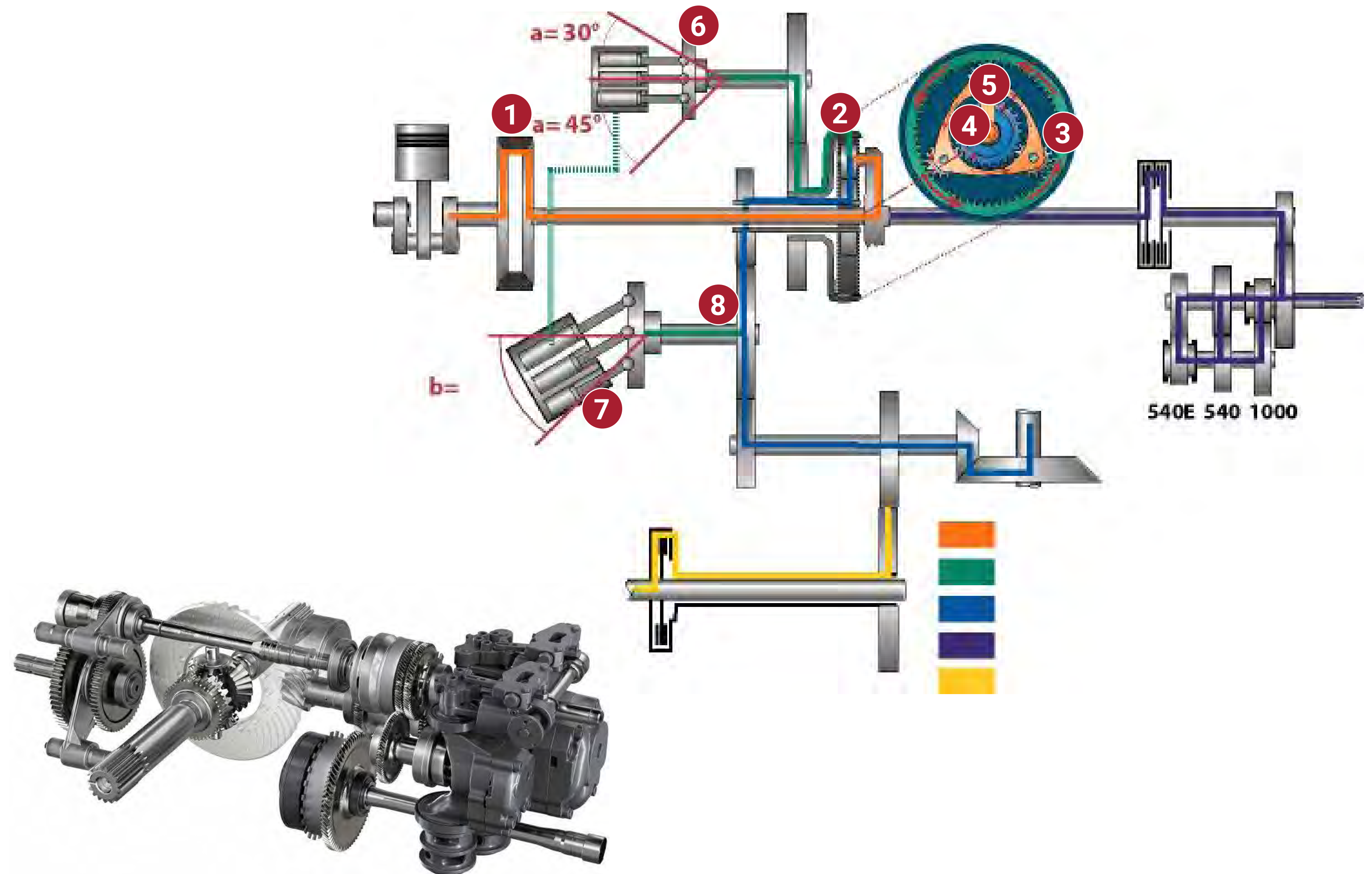


- + Relaxed way of driving
- + Target speed reached quicker
- + Maintains target speed better
- + More nimble under load
- + Higher average speed at optimum consumption

Vario function.

Function and build

- 1 Torsional vibration damper
- 2 Planetary gear set
- 3 Ring gear
- 4 Sun gear
- 5 Planetary carrier
- 6 Hydraulic pump
- 7 Hydromotor
- 8 Accumulator shaft



Multifunction joystick. 1/2

Design

- New multifunction joystick for improved ergonomics
- Familiar controls: basic functions are the same as before (reverse drive, activate cruise control / accelerate / decelerate)
- Dial on the lever to adjust the cruise control speed while driving
- Transmission functions including TMS etc. are positioned in the lower side section

- + New shape / arrangement for improved ergonomics
- + Familiar basic functions - very easy to find your way around
- + Easy personalisation with buttons ready for you to assign
- + Less repositioning – function controls positioned on the joystick

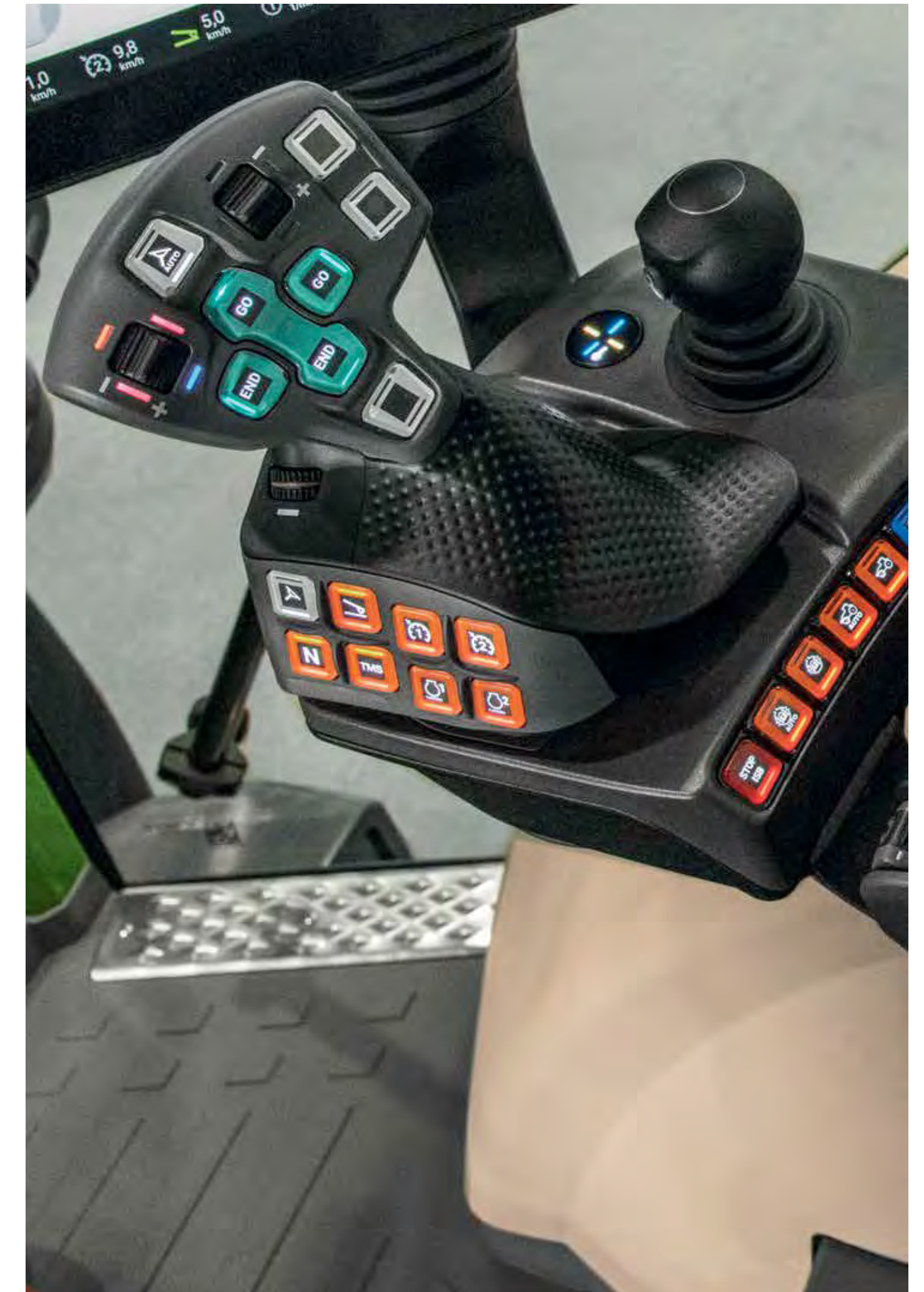


Multifunction joystick. 2/2

Functions

- Perfectly easy to adjust the speed whatever the engine rpm
- Use the buttons to access the 2 cruise controls – use the dial to adjust
- Automatic limit load control
- TMS – consumption-optimised automatic control of engine speed and gear transmission
- Control using the joystick or driving pedal
- 4 acceleration ramps: 1x tap shows the following acceleration rates for the rated rpm:
 - Ramp I: 0.02 km/h – 0.5 km/h (adjustable)
 - Ramp II: 0.5 km/h
 - Ramp III: 1.0 km/h
 - Ramp IV: 2.0 km/h

+ All driving controls are on the 4-way joystick with extra function keys



Controls. 1/2

Controls

Dial to change the active cruise control speed

Driving pedal switch

Cruise control buttons 1 + 2

Neutral button

TMS

Engine rpm memory (1/2)

Hand throttle

Acceleration



Reversing

Activate cruise control

Deceleration



Acceleration ramp (I-IV)

Stop button

Controls. 2/2

Controls

Reverse option with steering column

Stop and Go function together with TMS:

Press and hold front/back rocker **in the direction of travel:**

- Tractor comes to a stop
- when you release the rocker it accelerates in the **same** direction.

Press and hold back/front rocker **against direction of travel:**

- Tractor comes to a stop
- when you release the rocker it accelerates in the **opposite** direction.



Settings.

Engine and transmission settings – dashboard

- Set maximum load control, cruise control, programmed change in direction of travel and engine speed memory (1 and 2)
- More menu points to set the engine speed range for different jobs (e.g. when activating PTO)



- + Easy and safe to set on an external controller (touch + pushdial)
- + Quickly activate functions (Memo, Turbocoupling)

Maintenance.

Oil supply – transmission protection – maintenance

Separate transmission and hydraulic oil supply

- Safely prevents the transmission and hydraulic fluid from mixing – especially important when changing crops frequently
- Active transmission protection: no dirt deposits in the gearbox from contaminated hydraulic fluid
- Low maintenance costs: gear oil change only required every 2,000 operating hours

- + Proactively protects the transmission with separate oil supplies
- + Low maintenance costs, minimum downtimes thanks to long maintenance intervals



Fendt 200 Vario – PTO

PTO.

FENDT

fendt.com | Fendt is a worldwide brand of AGCO.

Design

Role

Controls



PTO design. 1/2

Front and rear PTO

- Front PTO with wet coupling to reduce wear and noise
- Seasonal activation of front PTO (improved performance)
- Rear PTO with 3 PTO speeds 540/540E/1000 rpm
- Optional: ground-speed PTO



- + Direct connection to crankshaft – PTO stub (only 1 gear step) for high efficiency
- + Electro-hydraulic speed pre-selection
- + External control from mudguard
- + Automatic start-up control
- + Inclined PTO profile for makes it very easy to put on the stub.
- + PTO stub can turn



PTO design. 2/2

Front PTO speeds

- Optional: 1000 rpm

Rear PTO speeds

- Standard: 540 / 540E / 1000
- Optional: 540 / ground-speed / 1000

Ground-speed PTO

- Ideal for speed-led drive of trailers and planters

Stall protection

- Stall protection prevents the engine from stalling over the PTO when speed drops abruptly (works from 1,700 rpm and in case of a sudden drop below 600 rpm)
- PTO clutch opens automatically when engine speed drops



Ground-speed PTO

Rear PTO function.

Auto rear PTO

- PTO on/off at the preset position of the power lift
- Set the on/off position of the rear power lift for PTO on the dashboard
- Exclusive Fendt benefit: "auto slurry" rear PTO with external actuation and engine speed increase!
- Practical example: filling the slurry tanker: activate the PTO externally then increase the engine speed in cab
- No more need to get in and out the cab., because the external PTO activation also increases the engine speed

- + Auto PTO linked to rear power lift
- + PTO implements can be used at a constant rpm with variable driving speed
- + Startup control reduces wear and machine costs



Controls – settings.

Settings

Front PTO (on/off)

Rear PTO (on/off)



External rear PTO controls on both sides (optional)



Pushdial
Depth control
(front power lift)

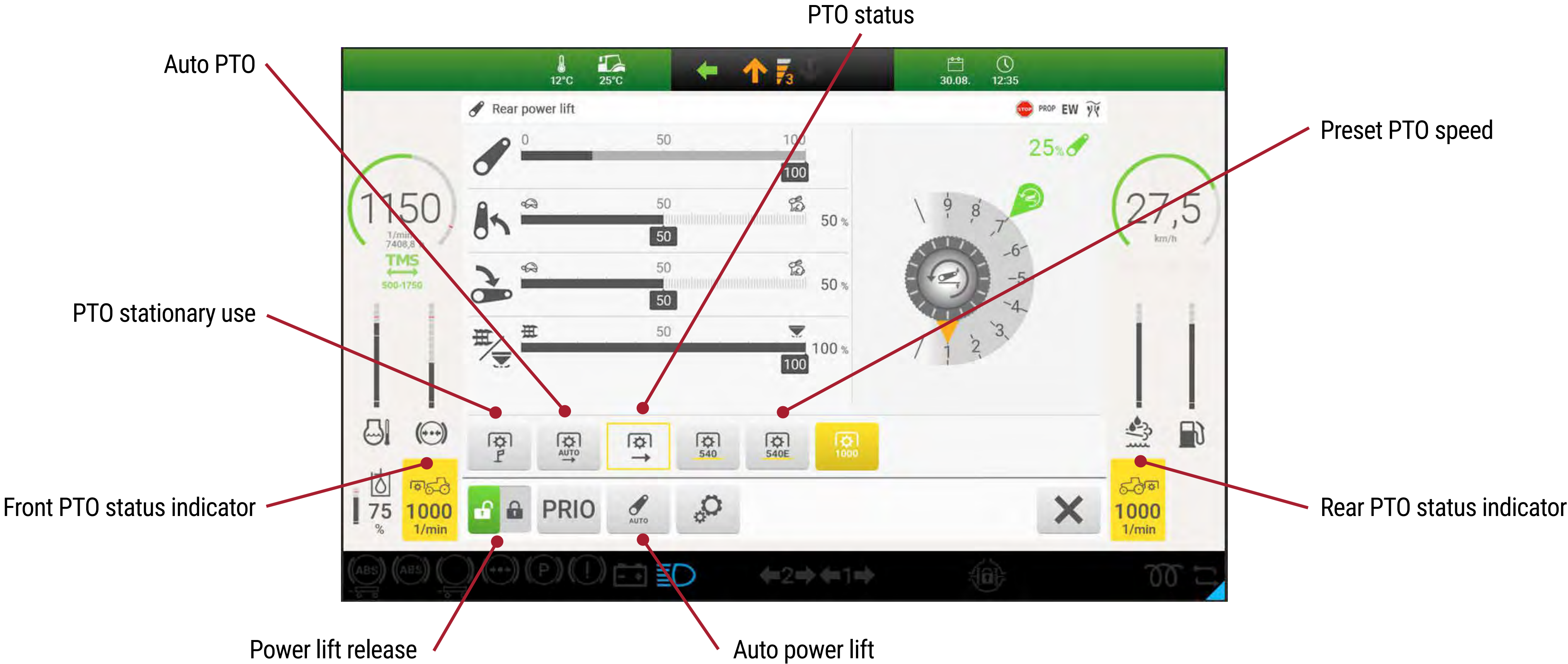
Front hydraulics – lift / lower
/ fast-retract
(comfort design)

Pushdial
Depth control
(rear power lift)

Rear hydraulics – lift / lower
/ fast-retract

Settings.

PTOs – settings – dashboard



Additional equipment.

Modular design with slender frame

Build/ chassis

Suspension systems

Steering

Assist systems

Ballasting



Modular design with slender frame.

Design

- Modular design with slender frame
- Waisted build gives you the best view and a wide steering angle

- + Front power lift and front loader perfectly integrated, compact and durable design
- + Waisted design for maximum manoeuvrability
- + Wide steering angle even with front loader consoles



Slope compatibility.

Excellent slope compatibility with a low centre of gravity

- The 200 Vario has a very low centre of gravity at 850 mm, making it exceptional at handling slopes
- The centre of gravity within the vehicle width creates the best stabilising properties
- Optional extras include twin tyres front and rear, for an even greater contact area on mountainous terrain or steep hillsides
- Engine for work at a 25° vertical and horizontal incline in the direction of travel



- + Ideal for work on hillsides due to the low centre of gravity

Ground clearance and weight-power ratio.

High ground clearance for plant protection, even in late growth stages

- Plant protection and fertilisation in late growth stages increase yield
- 200 Vario with a ground clearance of up to 458 cm with standard tyres and max. tyre diameter of 1,630 mm.
- With supplied service tyres:
ground clearance 475 mm;
Front: 270/80 R32
Rear: 270/95 R44
Pivoting front mudguard for the maximum wheel angle



Low weight-power ratio – just 34 kg/hp

- Low weight/power ratio protects the soil
- 211 weighs 4,280 kg or 34 kg/hp – powerful lightweight machine
- Flexible ballasting with front and wheel weights
- Superbly agile with turning radius from 4 m



Fendt 211 Vario: 34.5kg/hp

Competitor 1: 37.5 kg/hp

Competitor 2: 38.0 kg/hp

Chassis – suspension systems.

Outstanding driving comfort like an HGV

Intelligent connection of 5 systems for maximum driving and working comfort:

- 1** Self-levelling front axle suspension with anti-roll support: for consistent driving comfort whatever the load, with self-levelling; max. stability against overturning
- 2** Cab suspension - optional mechanically spring-loaded cab and wide suspension driver's seat
- 3** Active shock load on rear power lift: vibration compensation on the rear implement prevents bounce: Front axle with even load – full steering possible
- 4** Vibration-cushioned front power lift with nitrogen accumulator – prevents bounce, protects the implement and guarantees driving safety and comfort when working with heavy loads
- 5** Fendt Reaction steering with reset torque: sensitive, easy Fendt Reaction steering for safe straight-ahead driving



Chassis – steering systems.

Fendt Reaction steering and superimposed steering system FendtActive

- Fendt Reaction steering system with built-in reset torque for safe straight-ahead driving and sensitive steering
- As easy to steer and drive as an HGV
- FendtActive superimposed steering (in conjunction with Profi+ equipment)
- Benefits of use: halves steering wheel rotations at the headland or during front loading work
- Activate via button: Same steering valve as Fendt Guide
- Tractor drives with activated superimposed steering system max. 25 km/h – no restrictions up to 8 km/h – from 8 to 18 km/h there is a linear reduction in the superimposed steering



Without FendtActive

1 turn
= 26.6°



With FendtActive

1 turn
= 43.3°

Chassis – assist systems.

Assist system deceleration and brake assist

Brake light assist:

- If the vehicle slows down even without you activating the brake, the brake light comes on
- Advantage: vehicles behind can respond more quickly

Deceleration assistant when driving with equipment attached:

- Thrust detection improves driving stability and flexibly adjusts the deceleration
- Benefit: less load on the drive train and a long service life

- + Safe to drive with the best manoeuvrability
- + Low wear



Ballasting.

Bale design

Front attachment plate (without front power lift) 120 kg

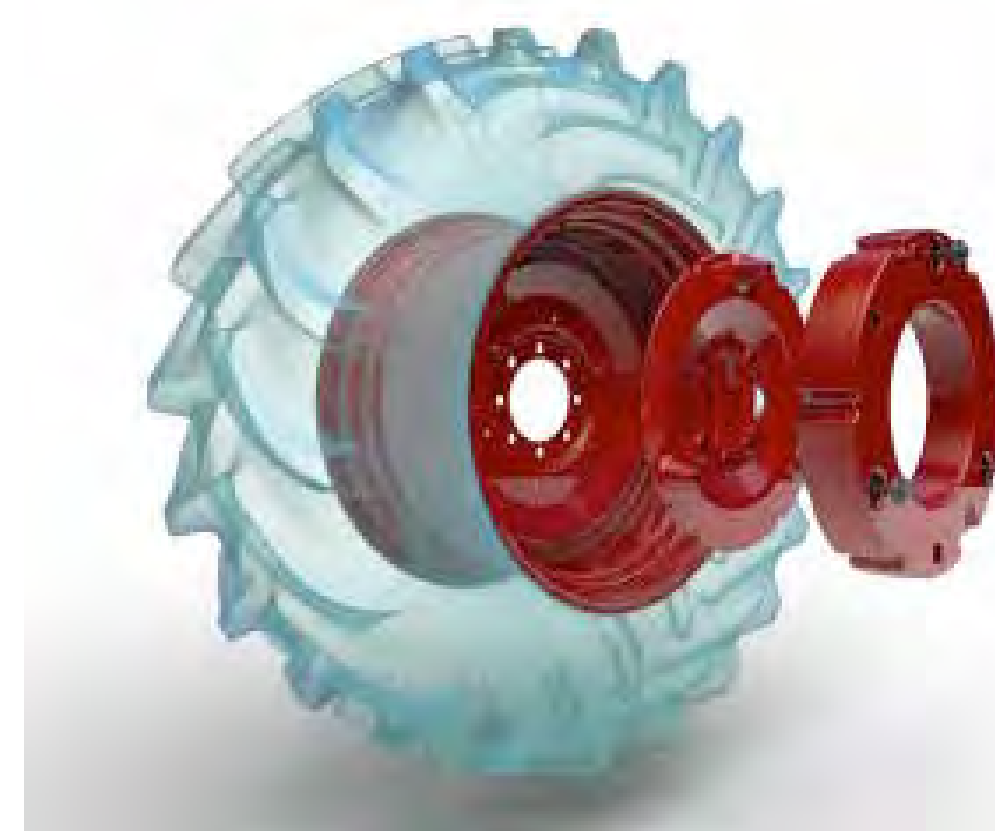
- Up to 3 plates
- Up to 10 suspension weights 32 kg



Front/rear weights: 400 / 870 kg



- + Flexible ballasting
- + The best weight for every job
- + As much traction as possible, as little weight as required



Wheel weights (rear): 2 x 200 kg

Axles.

Front axle

4WD

Differential lock

Front axle suspension

Rear axle / brakes

Four-wheel brake / compressed air

Trailer systems



Front axle – design.

Design

- Bigger max. permissible front axle load:
 - 3.4 t permissible front axle load
 - 4.8 t permissible front axle load up to 8 km/h
- Best turning circle due to slender frame
- 53° steering angle with 6° caster angle
- Differential lock: continuous and auto: auto-lock differential at front; 100% disc lock at rear
- 4WD: continuous and auto
- Self-levelling front axle suspension with anti-roll support



- + Greater area coverage
- + Increased working speed and safety with front-axle suspension and 4-wheel braking system (with AWD on)
- + Best turning capabilities
- + High permissible front axle load

Axle loads with standard tyres	Tracks	Max. permissible axle load
Rear axle	1660 – 1836 mm	5.3 t
Front axle	1600 – 1820 mm	3.4 t in accordance with road regulations / 4.85 t (at max. 8 km/h)

Front axle – all-wheel management.

Intelligent all-wheel management for the best traction and soil protection

- Easy control with pushbuttons on the control panel:
 - Auto 4WD
 - 100% fixed 4WD

	Role	Practical benefit
4WD	AWD always on	Full powertrain function
	Auto 4WD 4WD on and off - from 25° steering angle - from 15 km/h	> Takes the strain off the driver > Protects the soil > Full manoeuvrability > Less tyre wear

- + Wet, electro-hydraulic disc coupling
- + Excellent ease of use
- + Improved safety, as the 4WD is always on if the power cuts out
- + High traction transfer - full-load capacity



Front axle – differential locks.

Intelligent differential lock management

- Comfort control with pushbuttons on the control panel
 - auto differential lock
 - 100% differential locks on

	Role	Practical benefit
Differential locks	Front: auto-lock differential, rear: 100% disc differential lock	Full powertrain function even in extreme situations
	Auto differential lock Disable - from 20 km/h - from 15° steering angle - when braking	> Takes the strain off the driver > Easier to turn without distortion > Higher traction transfer

+ Intelligent differential lock – system that's very gentle on the soil and gives the best traction



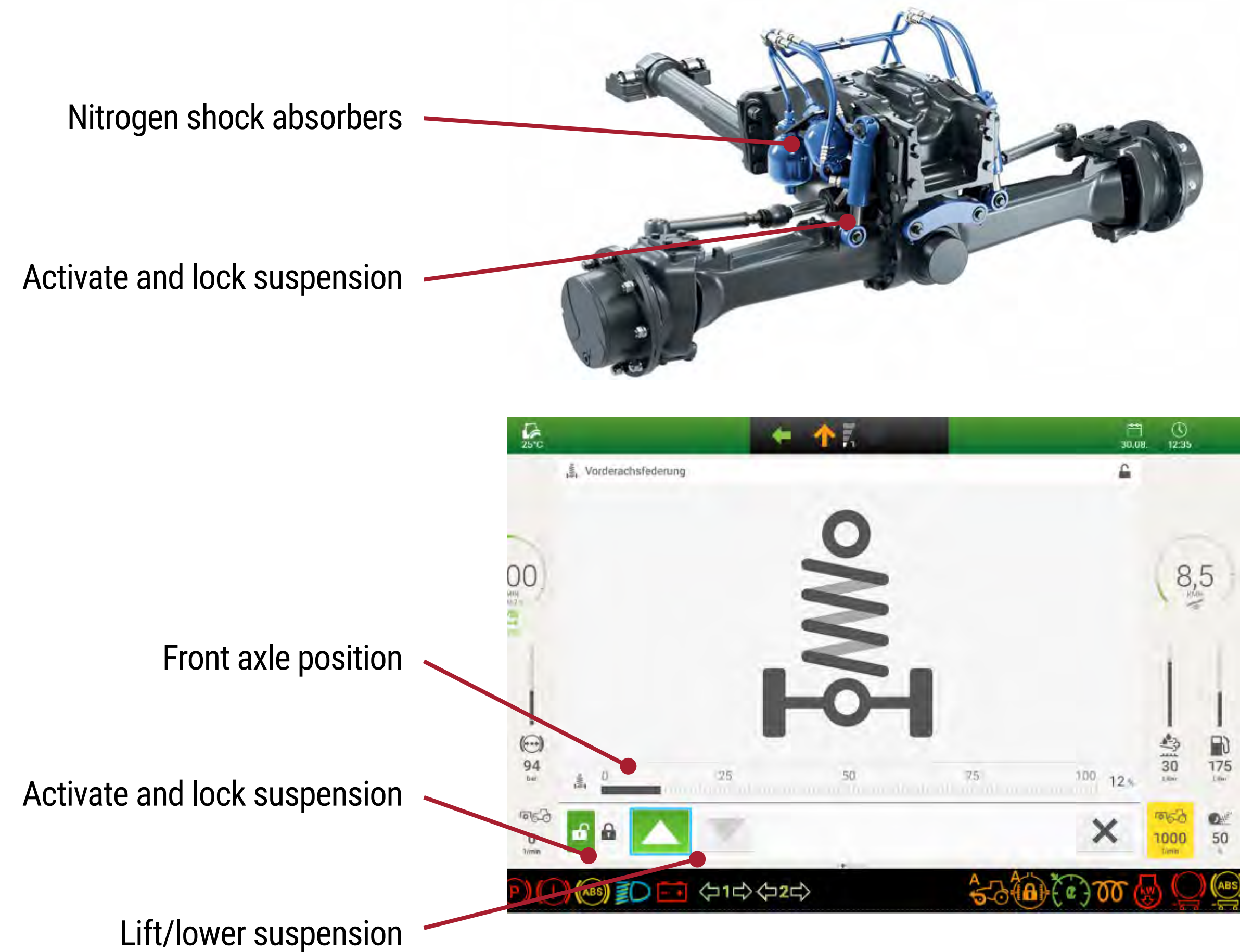
Front-axle suspension with anti-roll support.

Up to 7% more area coverage and couldn't be easier

Self-levelling, lockable front axle suspension

- Self-levelling front axle suspension: 80 mm suspension travel increases area coverage by up to 7% with continuous traction
- Anti-roll control for best driving stability and reduced rocking movements
- Consistently easy driving whatever the load, with self-levelling system and position sensor
- Acceleration forces on the seat reduced by 27%*. This means less acceleration on the driver and a quiet and relaxed working environment
- Lockable suspension: for precision loading work or with a front cultivator and even working depth
- Front axle swing is maintained even if the suspension is locked
- Full spring capacity available when stationary

* DLG Focus Test 11/05



Front axle suspension – advantages.

Front axle suspension with anti-roll control – benefits

- + Up to 7% greater area coverage under heavy traction with continuous traction and avoids power hopping
- + Unique work and driving comfort
- + Self-levelling for consistent suspension comfort
- + Anti-roll control support for high stability and work safety with reduced rocking movements
- + Work very safely with better steering and brake safety
- + Lock function
- + High, fully spring-loaded axle load



Rear axle design.

Design

- Rear axle HA 75 with forced feed lubrication
- Increased permissible rear axle load of 5.3 t
- 100 % disc differential lock with comfort control
- Improved braking system for high permissible overall weight



- + Less wear yet improved performance from the rear axle with forced feed lubrication
- + Robust design with planetary rear axle
- + High permissible total weight of 7.5 t

Axle loads with standard tyres	Tracks	Max. permissible axle load
Rear axle	1660 – 1836 mm	5.3 t
Front axle	1600 – 1820 mm	3.4 t in accordance with road regulations / 4.8 t (at max. 8 km/h)

Rear axle – braking system.

4-wheel braking system with brake pressure monitoring

- Large wet ring-piston brake with brake servo in rear axle
- 4-wheel brake with AWD on, safe braking on all 4 wheels

Handbrake

- Dry drum brake on drive shaft for a 7.5 t permissible overall weight
- With EC control position, the compressed-air trailer brake can be released to check whether the tractor parking brake can hold the trailer traction on the slope
- 2 attachment braking systems available:
 - Air brake
 - Hydraulic trailer brake

- + Short pedalling and low pedalling
- + Highly durable with wet braking system
- + All four wheels brake safely
- + Compressed air system with electronically controlled air dryer gentle on the compressor



Rear axle - air brake.

Air brake system

- Compressed air system (2-circuit system)
- Pilot pressure regulator (must be adjusted by an authorised workshop)
- Duomatic clutch (Italian or EU version)
- Electronically monitored air dryer for condensate and frost-free DL system



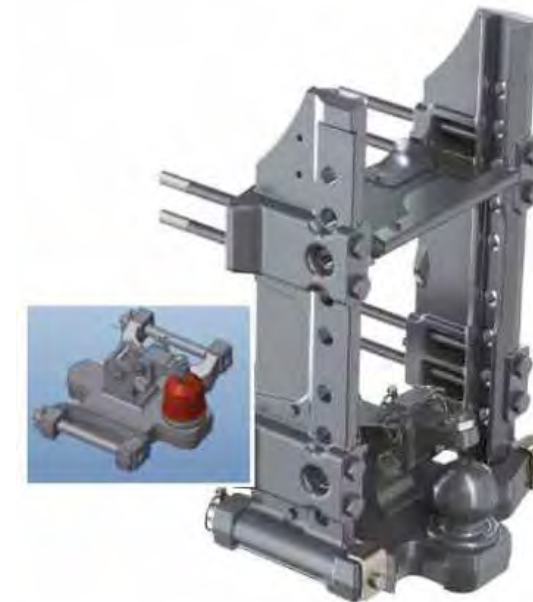
- + Tractor and trailer can be better matched
- + More safety through precise brake tuning
- + Increased ride comfort due to precise tuning
- + Quick coupling and uncoupling thanks to duo coupling

Rear axle – trailer systems.

- 4 trailer systems available in lower-hitch format: swinging drawbar, hitch, Piton-fix and ball-type coupling
- Modular system for lower attachments
- Height-adjustable hitches in rails with 2 t support load (rail width 312 mm)
- Fall through-protection with height-adjustable trailer couplings
- Guard to cover PTO

- + Highly flexible with modular design
- + Attachment parts can be used for different tractors
- + Different coupling versions can be used in a modular way with the same tractor
- + High attachment load for ball-type couplings

Ball-type coupling A224



Piton-fix solid A223



Automatic hitch A155



Hitch (A175)



Manual hitch A153



Height-adjustable ball-type coupling A183



Hydraulics – front and rear power lifts.

Design

Working hydraulics and controls

Front power lift design

Practical benefits

Rear power lift build

Practical benefits



Hydraulics design. 1/2

Features

- Standard tandem pump with 75 l/min (42+33 l/min) flow capacity
- Automatic fluid flow summation
- Optional Load Sensing variable flow pump with 104 l/min output on request
- Power Beyond coupling (with LS pump)
- Proportional controls with multifunction joystick
- High extractable oil quantity of 34 litres
- Electrical valves
- Optional crossgate lever or 3L joystick with reverse button



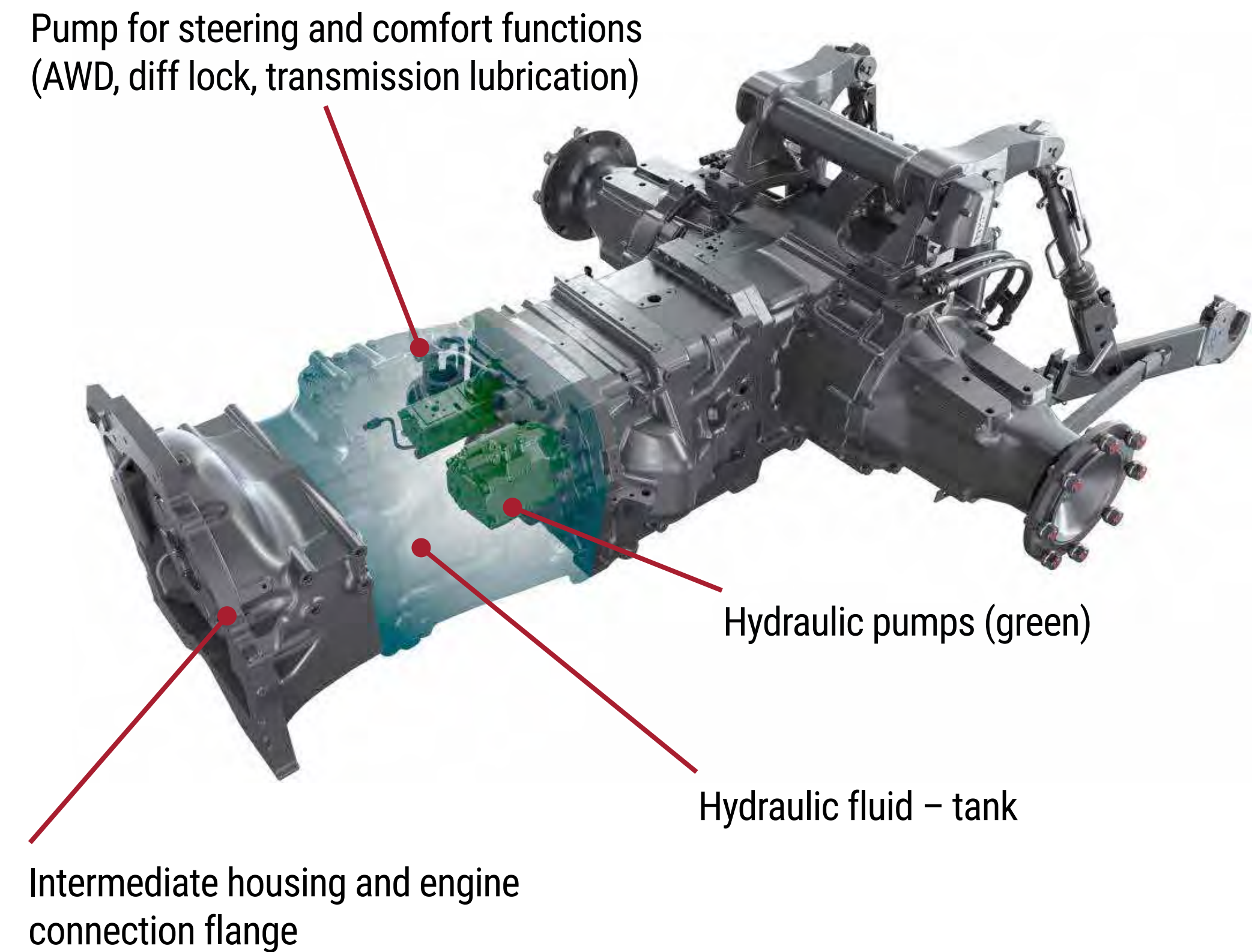
- + High hydraulic performance with high removable oil volume and pump performance
- + Easy settings on the dashboard and terminal
- + Strong reduction of reactive power with powershift variable flow pump and Power Beyond

Hydraulics design. 2/2

Features

- Ergonomically arranged control elements for working hydraulics and power lifts
- Electric control valves
- Separate oil supply for transmission and hydraulics

- + Oil is kept separate and no dirt can get into the transmission
- + Simple controls for front loader and attachments with crossgate lever fitted as standard from Power Setting 2
- + Full compatibility with bio-hydraulic oil with separate oil tank



Working hydraulics. 1/2

Working hydraulics

- Min. 2, max. 4 electrical hydraulic valves da
- Max. 4 connections at the rear
- Max. 3 connections at the rear / 1 at the front (not corresponding)
- Set the oil flow at every valve (set + and - separately)
- Timer on every valve
- Custom-assigned control points
- Externally controlled hydraulics valve
- Leak oil collection tank



- + Dual-acting control units with floating position
- + Huge range of settings
- + Simple and convenient controls with multifunction joystick and crossgate lever

Working hydraulics. 2/2

Overview

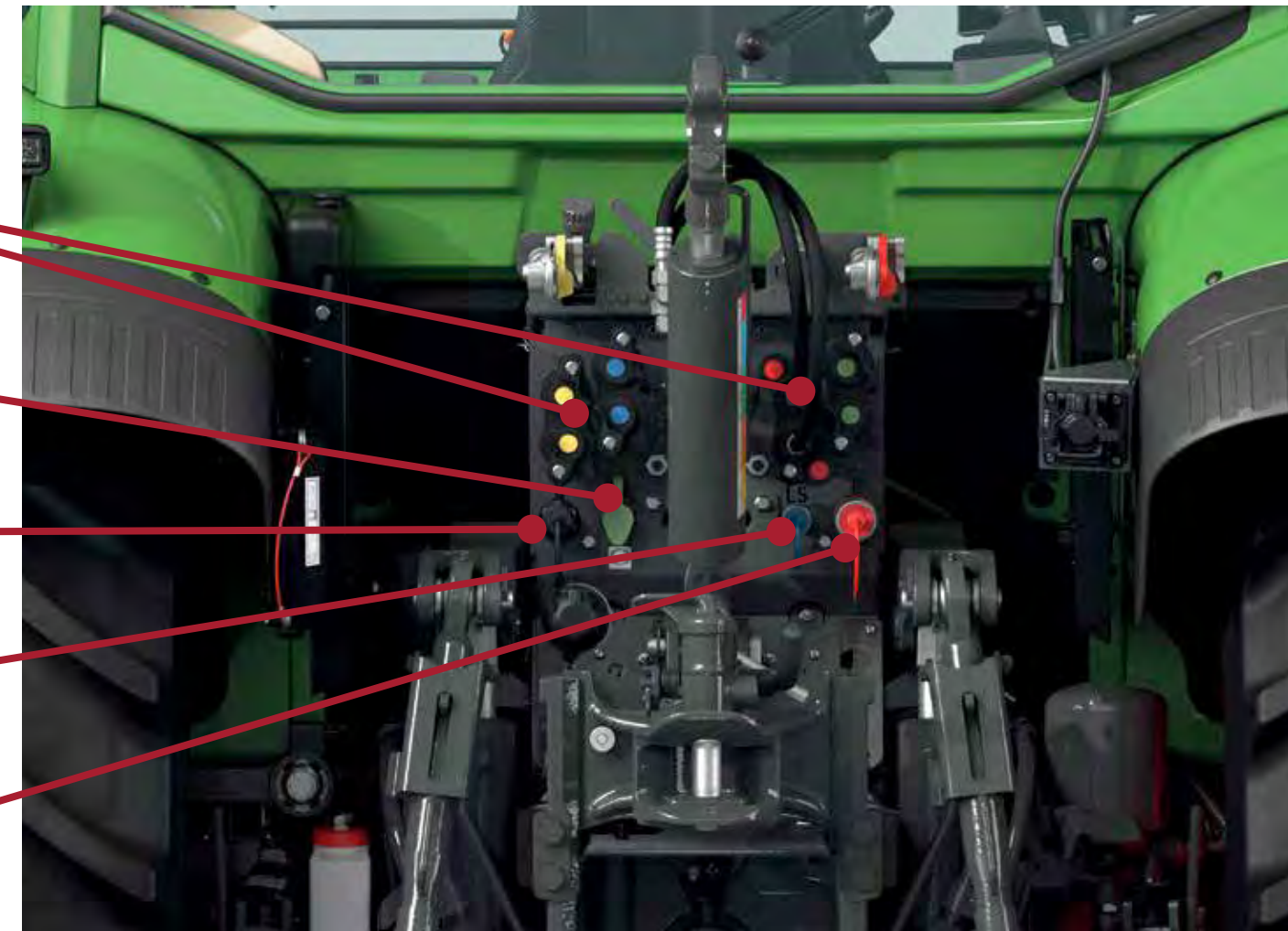
Rear valve connections (1-4)

Hydraulic trailer brake

Return rear

Power Beyond control line

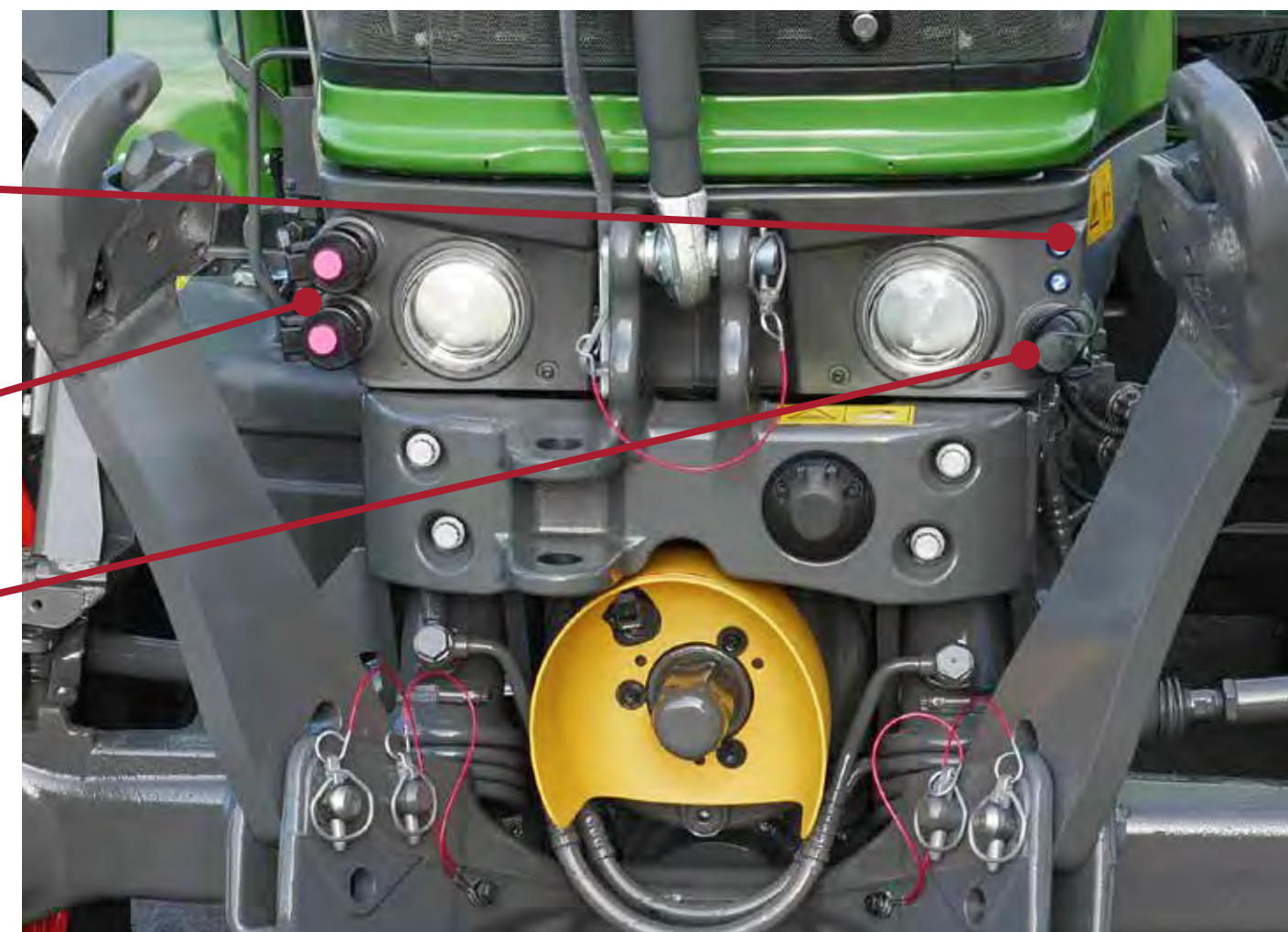
Power Beyond pressure line



Activate front power lift

Front valve connection

Unpressurised return flow on front right



Controls.

Working hydraulics

Flexible control point:

1st and 2nd Valve does not depend on equipment line:

Multifunction joystick

Crossgate lever with toggle function



Flexible control point:

3rd and 4th Valve does not depend on equipment line:

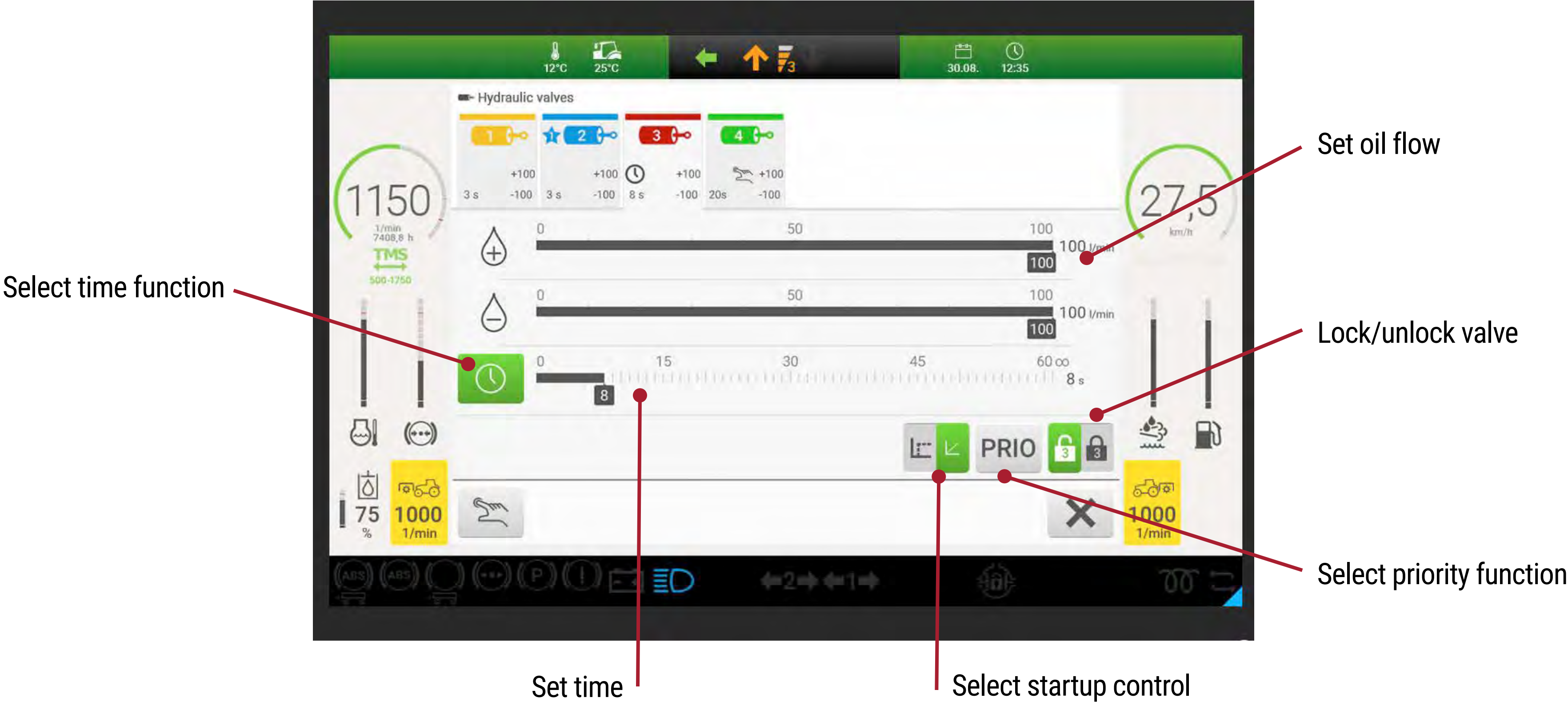
3-L joystick with reverse drive button

Linear module (rocker pair)



Hydraulics – settings and navigation.

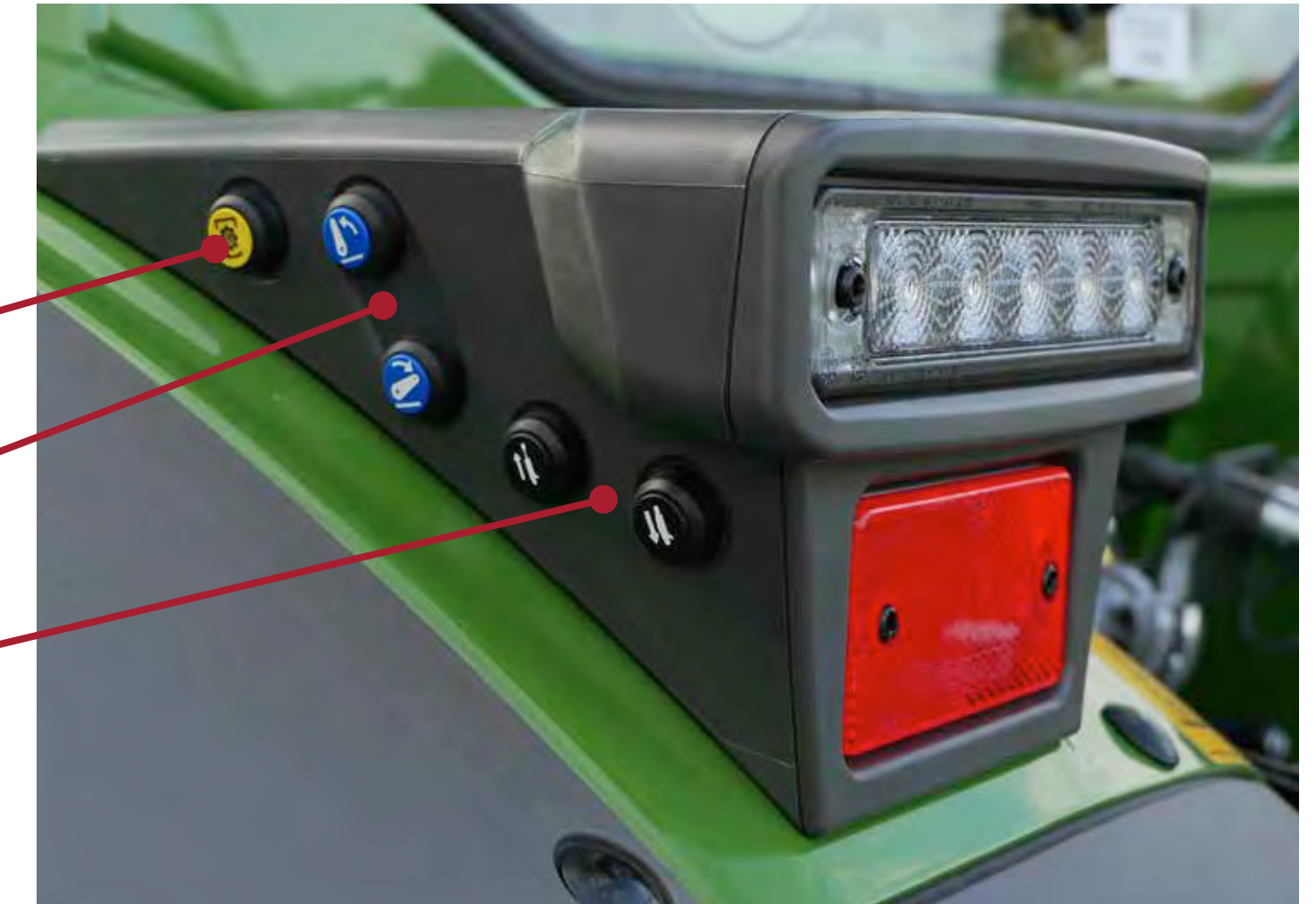
Working hydraulics – settings – dashboard



Hydraulics – controls.

Working hydraulics – external controls

Rear:
PTO on/off
Activate rear power lift
Use control unit



Front:
Activate front power lift
Front connection



Front power lift build.

Front power lift as standard

- Front power lift fully integrated with short run-in for the best manoeuvrability
- Folded lower links right up close to the vehicle
- Built-in side protection without protruding lines
- High lift capacity of 2,540 daN
- 3 front power lift variants depending on your needs
- Top links with solid brackets and easy handling



- + Robust and very compact design for the best turns with equipment attached
- + Lower links are quick to remove and fold in
- + Large clearance between folded lower links and front loader
- + Vibration damping with nitrogen accumulator for implementation protection and driving comfort
- + Built-in cylinder protection with bellows



Front power lift comes in 3 versions.

Front power lift – choice of 3 variants

- Front power-lift control with separate valve in the front cover
- Other valves are available for the working hydraulics

3 variants:

1. Standard front power lift
2. Comfort front power lift with position control
3. Comfort front power lift with position and load relief control
 - Front power lift can be activated externally
 - Switch tap for sa/da controls
 - Controls for comfort front power lift on armrest and dashboard or the 12" terminal



Benefits of the front power lift.

Front power lift

- + Easy to attach weights and implements
- + Easy to switch between sa/da without moving pins
- + Working hydraulics are not restricted by the front power lift (has its own valve disc!)
- + Range of variants for different applications



load-relieving front power lift.

Build – comfort front power lift

- Active, dynamic control of the bearing/relief pressure between 3-100 bar, on the dashboard or terminal
- From speeds from > 0.6 km/h

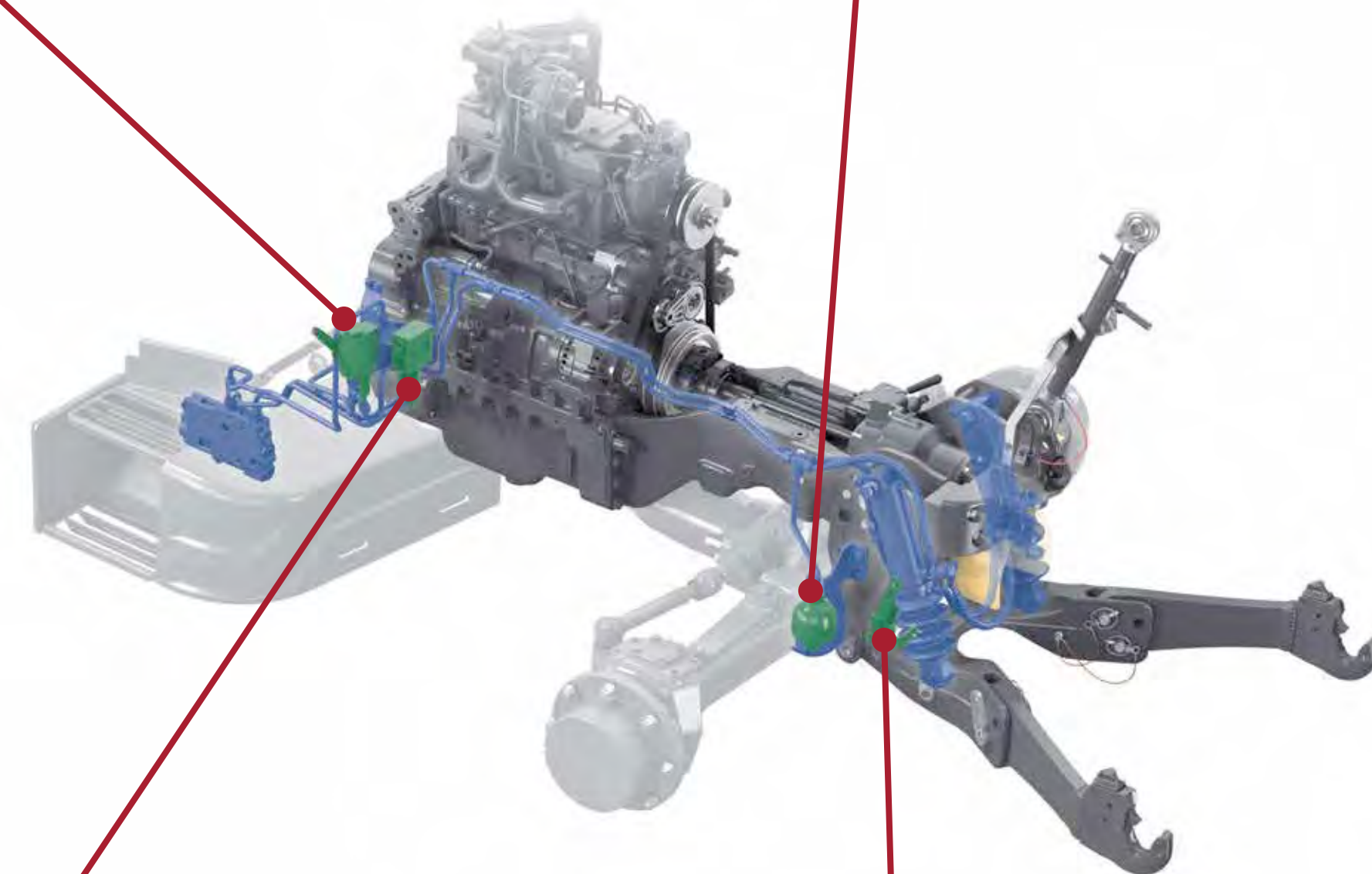
- + Attachment follows the ground contour precisely
- + For work that's gentle on the implement and saves fuel
- + Protects the sward when using a mower/mulcher
- + Winter service: best traction as it transfers the weight from the snow plough to the front axle and protects the implement
- + Keeps to lanes and maintains maximum traction by loading the front axle to suit the job
- + No relief springs

Toggle between single-action / dual-action

Vibration damping

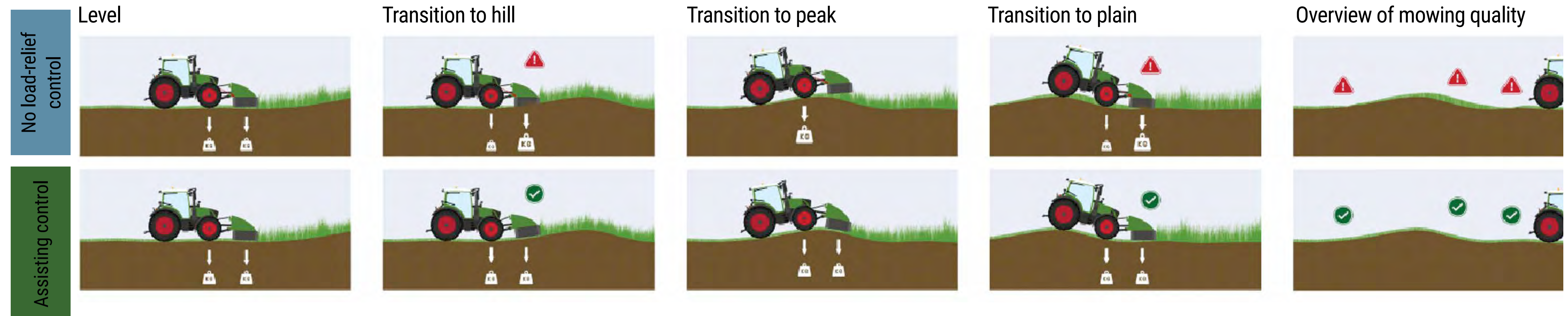
Proportional pressure-limiting valve to set the relief effect on the dashboard

Position sensor of front power lift



Load-relieving front power lift in practice. 1/2

Grassland mowing in practice – comparison of mowing quality and soil pressure with and without load-relief control



Phase 1: On the plain, the attachment follows the ground contour precisely.

Phase 2: Transition to hill: **Without load-relief control**, the mower can damage the sward and soil, because springs are over-compressed and cannot provide relief. Higher contact pressure from the mower. Disadvantage: dirt gets into the feed and reduces the quality. **With auto-control:** Pressure sensor maintains the set contact pressure from the mower (actual and target pressure). When the ground height changes, the mower adjusts the pressure back to the setpoint. Mower is adjusted upwards until target pressure is reached again. Advantage: consistent mowing height without dirt getting into the feed and ensures better regrowth.

Phase 3: Transition to peak: **Without auto-control:** Mower springs are stretched more and provide too much relief for the mower – it swerves upwards. Material remains unmowed. **With auto-control:** Pressure sensor detects pressure change and adjusts downwards – all material is mowed

Phase 4: Transition to plain: **Without auto-control** the mower can damage the sward and soil, because springs are over-compressed and cannot provide relief. Higher contact pressure from the mower. Disadvantage: dirt gets into the feed and reduces the quality. **With auto-control:** Pressure sensor maintains the set contact pressure from the mower. Differences in ground height cause a change in pressure, which is actively adjusted back to the setpoint. Mower is adjusted upwards until target pressure is reached again. Advantage: consistent mowing height without dirt getting into the feed.

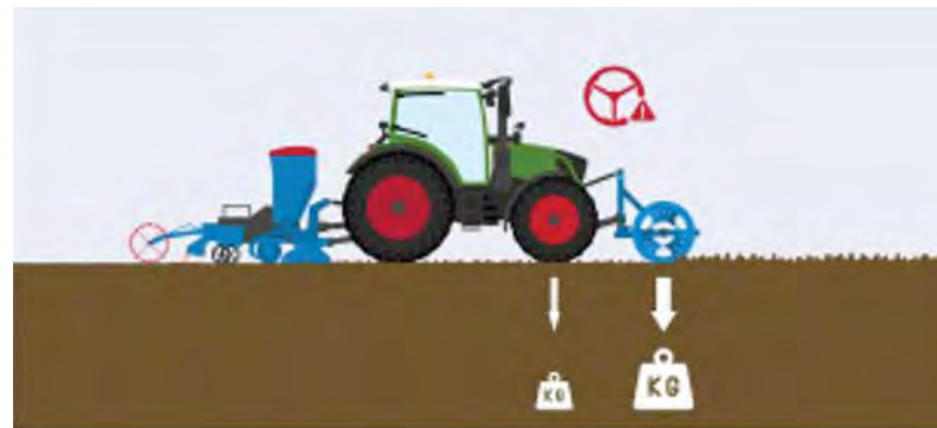
Phase 5 Overview of mowing and feed quality in key phases – benefits of load-relief control:

- Higher mowing and feed quality due to uniform, controlled mowing height + protection of the sward thanks to even soil pressure
- No relief springs

Load-relieving front power lift in practice. 2/2

In practice – farming with front furrow press / winter service with snow plough – comparison of traction, steering ability and lane tracking with and without auto-control

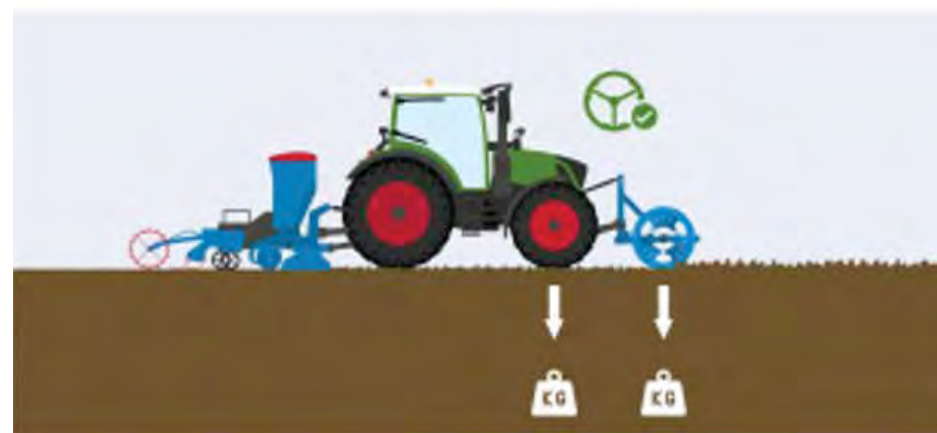
No load-relief control



Combination of implements with front furrow press

- **Without auto-control:** heavy press lies on the ground and relieves front axle – front axle does not have enough traction or steering ability. Front furrow press sets direction.
- **With auto-control:** pressure relief is used to transfer implement weight to the front axle. Advantage: best traction, steering ability, directional stability and clean, controlled levelling

Assisting control



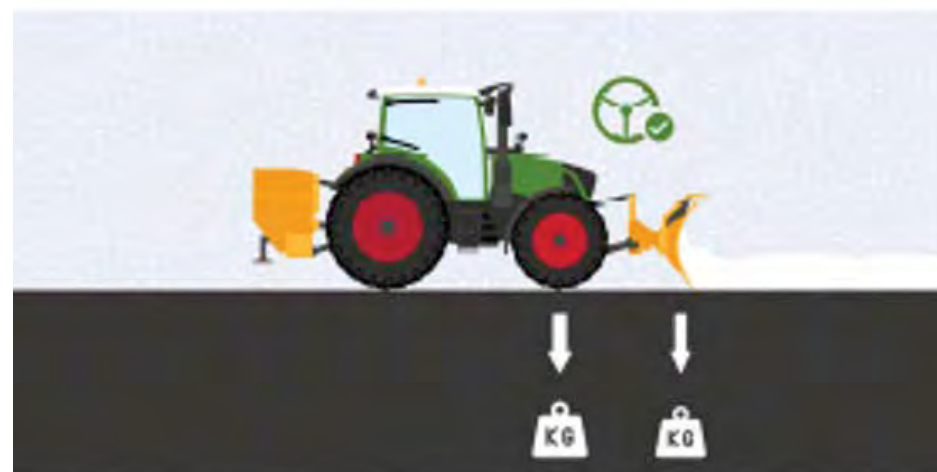
No load-relief control



Winter service combination with snow plough

- **Without auto-control:** heavy snow plough lies on the ground and relieves front axle – front axle does not have enough traction, steering ability or directional stability. Higher wear on the snow plough and risk of damage when crossing manhole covers
- **With auto-control:** with pressure relief: snow plough – implement weight is transferred with set contact pressure on the front axle. Advantage: best traction, steering ability and directional stability for even results. Reduced equipment wear and fuel savings

Assisting control



Benefits of the load-relieving front power lift.

Benefits

- + Attachment follows the ground contour precisely at a continuous height for work that's gentle on the implement and saves fuel.
- + No need to install or adjust relief springs
- + Exceptionally easy to use with settings on the Varioterminal
- + Best traction and tracking: the weight transferred from the implement to the front axle increases traction and prevents drift on the hillside.
- + Grassland mower/mulcher: protects the sward for the best feed quality – lower raw ash content. Does not pierce the sward.
- + Front furrow press: even compaction over entire working width
- + For winter work with a snow plough: constant field pressure control for uniform clearing results.
- + Reduced equipment wear and soil protection



Controls – settings.

Front and rear power lift

Settings

Front hydraulics – lift / lower / fast-retract (comfort design)

Front PTO (on/off)

Set working depth of front hydraulics

Rear PTO (on/off)

Lock front power lift



Floating position mode for front power lift (e.g. mulcher)

Position mode of front implement

Floating position mode for rear power lift (e.g. cultivator)

Position mode of rear implement

Rear hydraulics – lift / lower / fast-retract

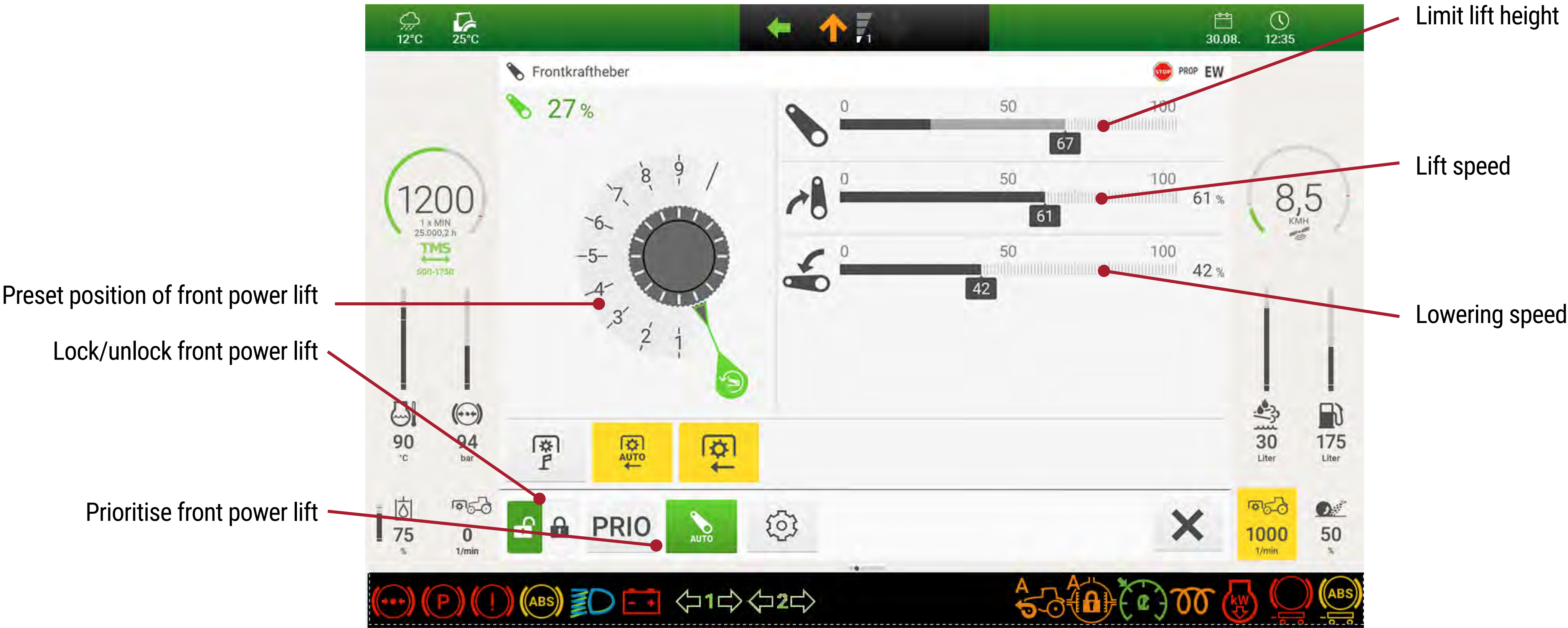
Set working depth of rear hydraulics

Lock rear power lift

Controls – settings.

Front power lift

Make your settings on the dashboard



Rear power lift build.

Build

- High lift capacity: 4,204 daN
- EHR with comfort use
- Auto function (PTO)
- External controls on both sides to easily attach/detach implements
- Active shock load stabilising system for travelling on road with attachments to reduce pitching movements and improved steering (front wheels stay on the ground) – less dynamic stress
- Use the lever to easily lock the linkage at any height (prevents accidental operation from the cab)



Rear power lift – controls.

Controls – settings

Make your settings on the dashboard

Limit lift height

Lift speed

Lowering speed

Control position/tractive power/both

Lock/unlock rear power lift

Prioritise the rear power lift

Preset position of rear power lift

Target position of rear power lift

Rear power lift: 18 practical benefits. 1/2

Rear power lift – build, lower links, setup, long-term quality



Rear power lift: 18 practical benefits. 2/2

Rear power lift – build, lower links, setup, long-term quality



Fendt 200 Vario – cab

Comfort cab.

FENDT

fendt.com | Fendt is a worldwide brand of AGCO.

Design

Equipment

Controls

Lighting



Comfort – cab design. 1/3

Overview – Comfort cab

- Comfort cab with an unbeatable view
- 100° view with built-in roof window and sunblind
- Steering column adjusts in height and tilt with foot pedal
- Central, adjustable 10" dashboard with pushdial
- 2-way multifunction joystick with proportional hydraulics
- 12" terminal – control console with touch + pushdial controls
- Passenger's seat with cushioning and backrest
- Various storage options
- Mechanical cab suspension optional
- Opening front window
- Wide-angle mirror
- Improved steps on left and right
- Built-in cable ducts at rear



Cab – benefits. 2/3

Benefits of the Comfort cab

- + Cab with 100° overall floor-to-ceiling view
- + Extended windscreen and panoramic roof window
- + Excellent all-round visibility and generous sense of space
- + Higher performance from the driver with the best driving and operating comfort
- + More comfortable for the passenger
- + Wide range of equipment options for every need
- + Plenty of storage spaces to keep the cab clutter free
- + Easy and safe to get in and out
- + Adjustable afterglow in darkness

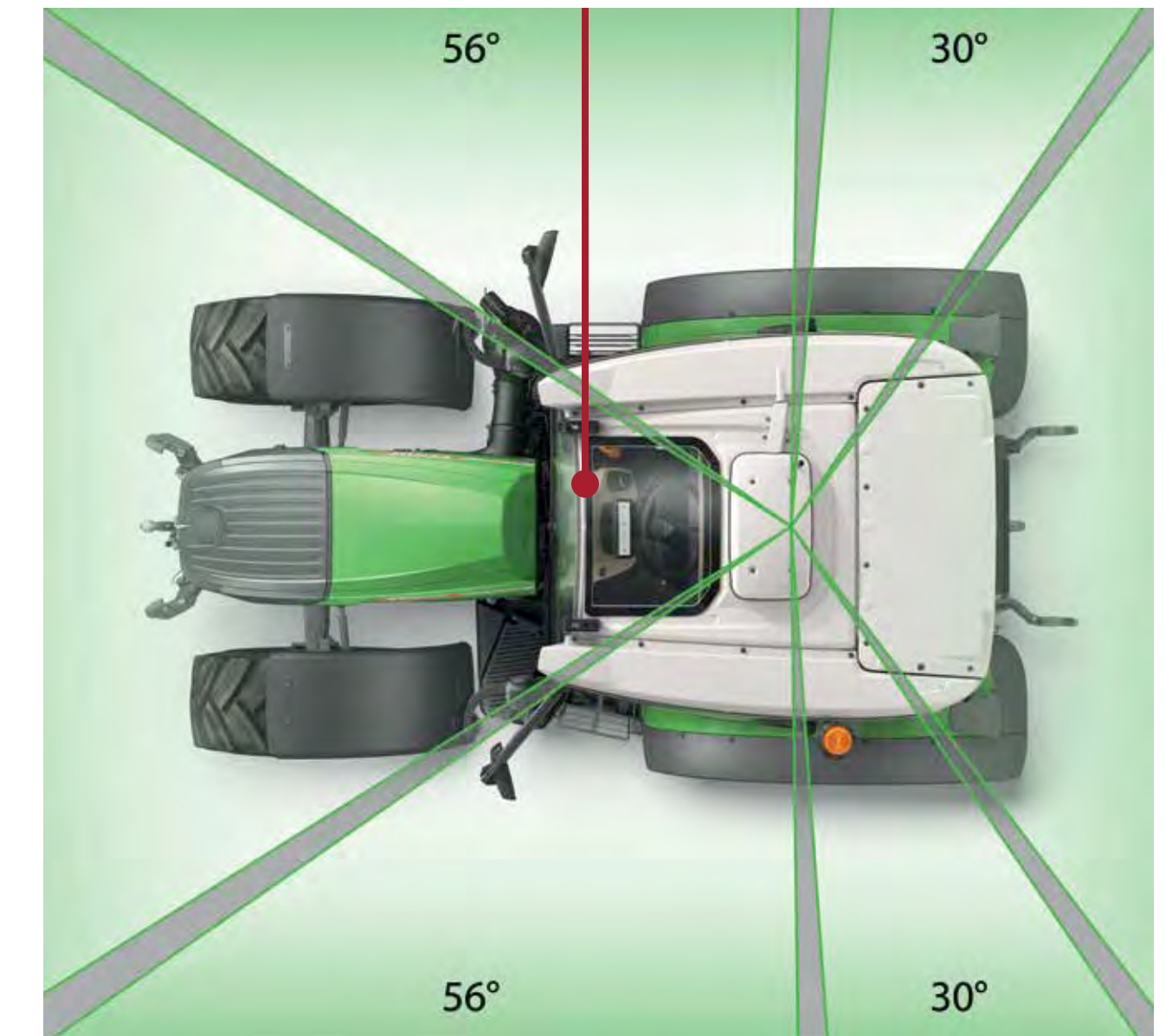


Comfort – cab design. 3/3

Panoramic view

- 200 Vario models all equipped with integrated skylight and sun blind
- 100° floor to ceiling view
- 322° all-round view
- Wide, opaque sun blind to fit skylights
- Improved extra handle on the rear window (perfectly accessible however tall the driver)

Window extends way back into the roof



- + Best all-round visibility for all areas of application
- + High level of working comfort during front loader work – 100° view of extended front loader through the built-in roof window



Adjustable steering wheel and cockpit.

Swivel steering column with cockpit (dashboard)

Cockpit built into steering column, pivots when you adjust the steering wheel

Specific and easy adjustment of height and tilt with foot pedal

Indicator with triple reset: steering angle, time and speed-dependent



- + Perfect ergonomic adjustment
- + Perfect view while avoiding glare on the cockpit by adjusting the height and tilt
- + Easy to get in and out – moves with a simple foot pedal action
- + Passenger-car style indicators: Triple reset for increased safety and acoustic feedback



Seat.

Comfort driver's seat and passenger's seat

- **Comfort seat** - air-sprung, mechanical lumbar support
- +32 mm wider Comfort seat (482 mm) and +20 mm more suspension (100 mm), semi-auto weight adjustment, vertical suspension can be locked;
- Passenger's seat with larger bottom area, comfortable cushioning and backrest



- + Extremely comfortable seating for driver and passenger
- + Both seats have a 3-point safety belt



Storage options.

Plenty of storage options



Storage compartment Control console



Cooled storage compartment



Control console

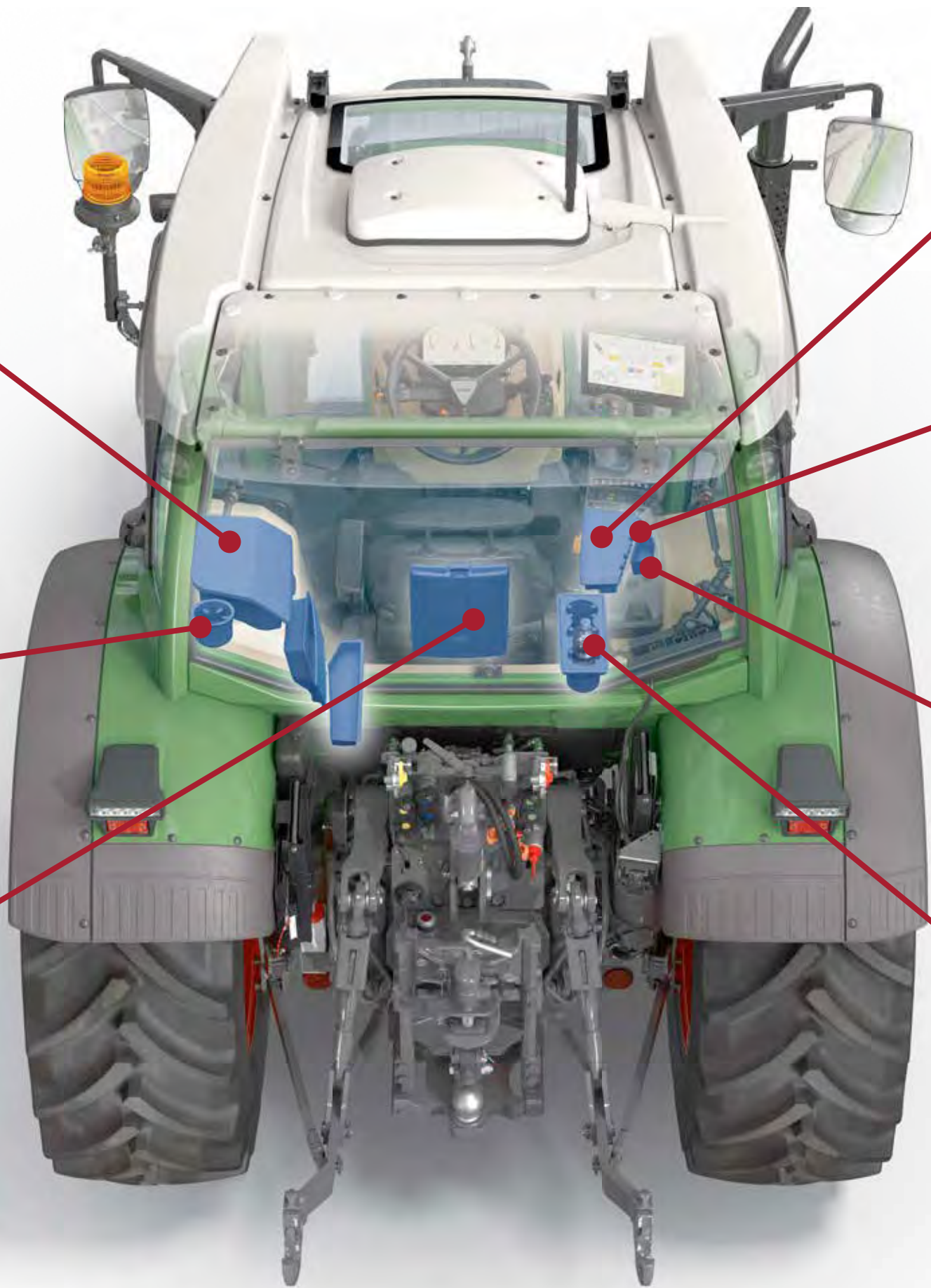


Storage compartment on left

Storage compartment with drinks holder

Bottle holder on left

Storage compartment in back of seat



Central dashboard.

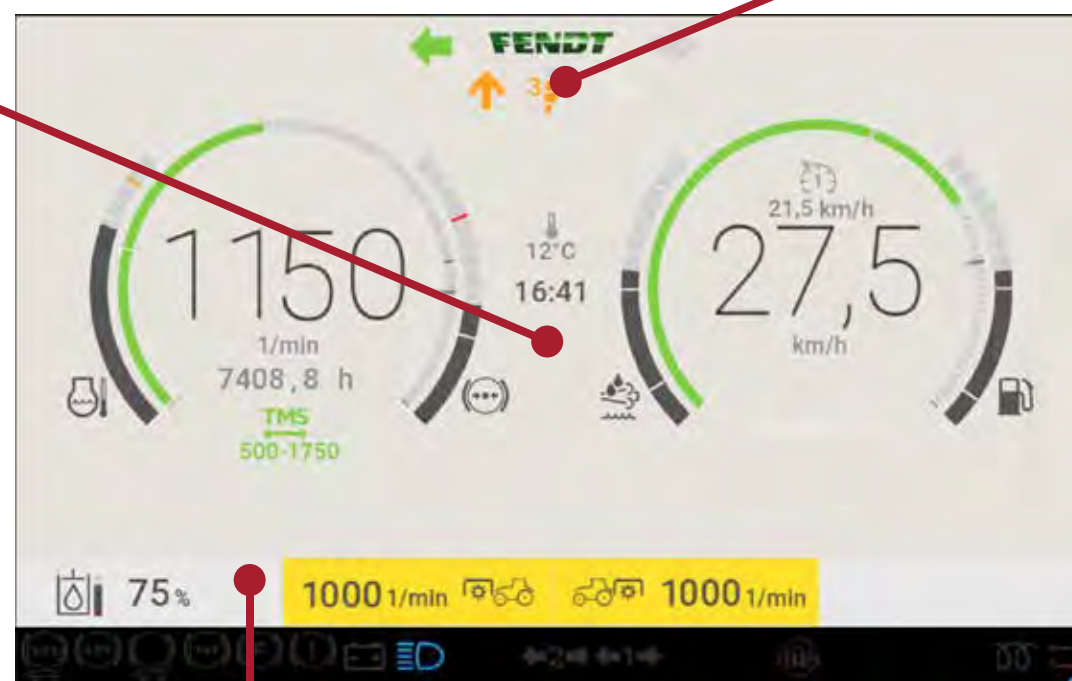
Central, adjustable digital cockpit

- Make settings for the digital cockpit using the pushdial on the steering column
- Swivels and extends out with the steering wheel by using the foot pedal, for easy entry and exit
- Road and field mode
- Day/night design

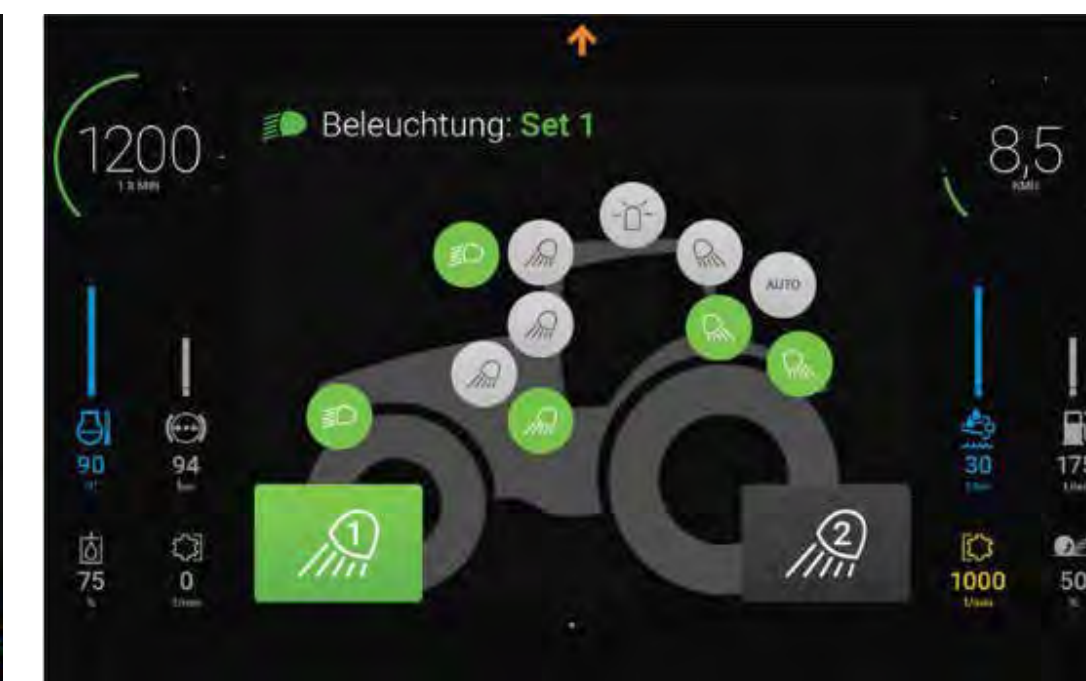


Central display with key information

Header with indicator



Footer with status overview



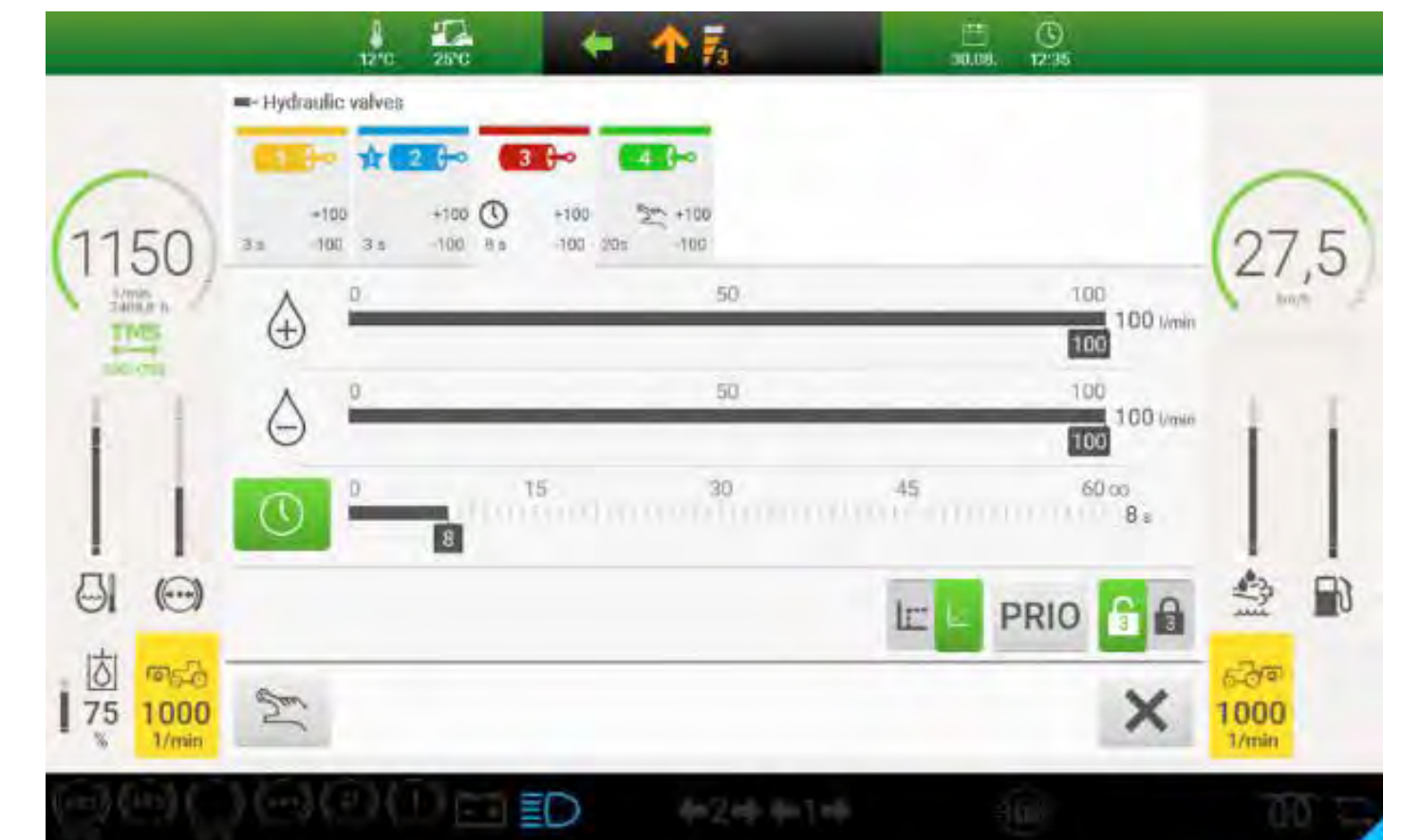
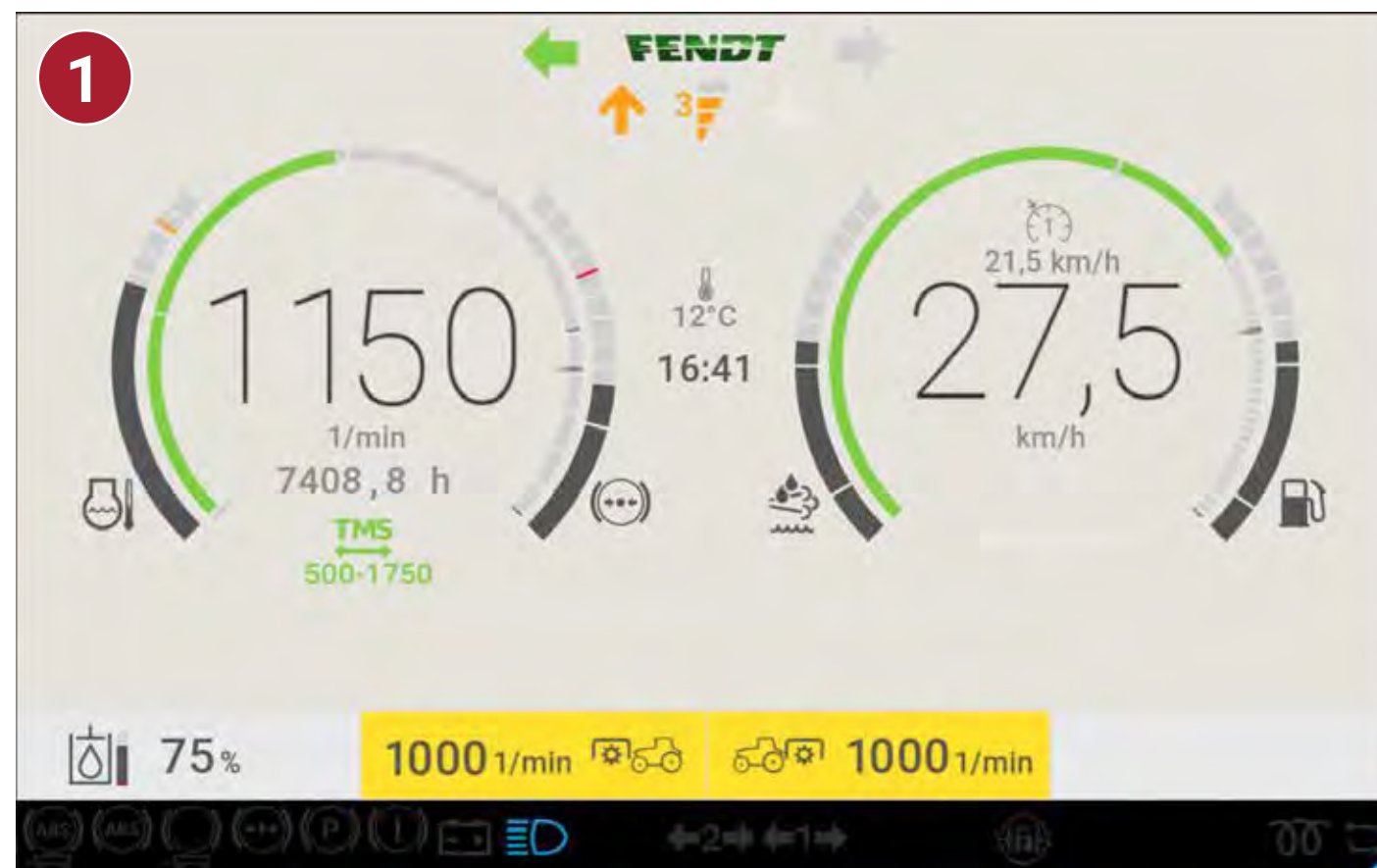
If you change the default view, regulation-compliant road data appears on the left and right

Adjustable dashboard.

Road and field mode

Settings and overview on the dashboard (versions without 12" terminal)

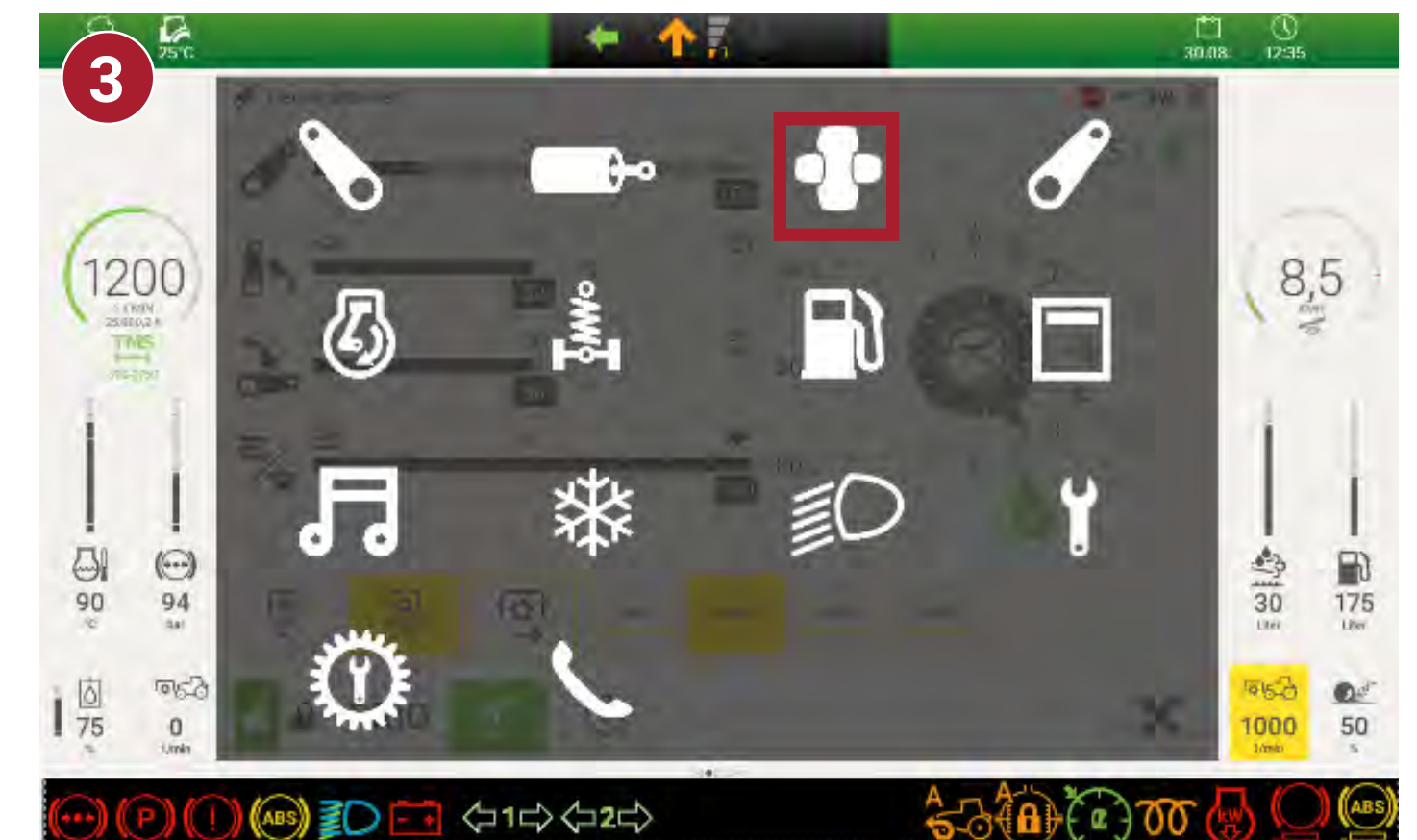
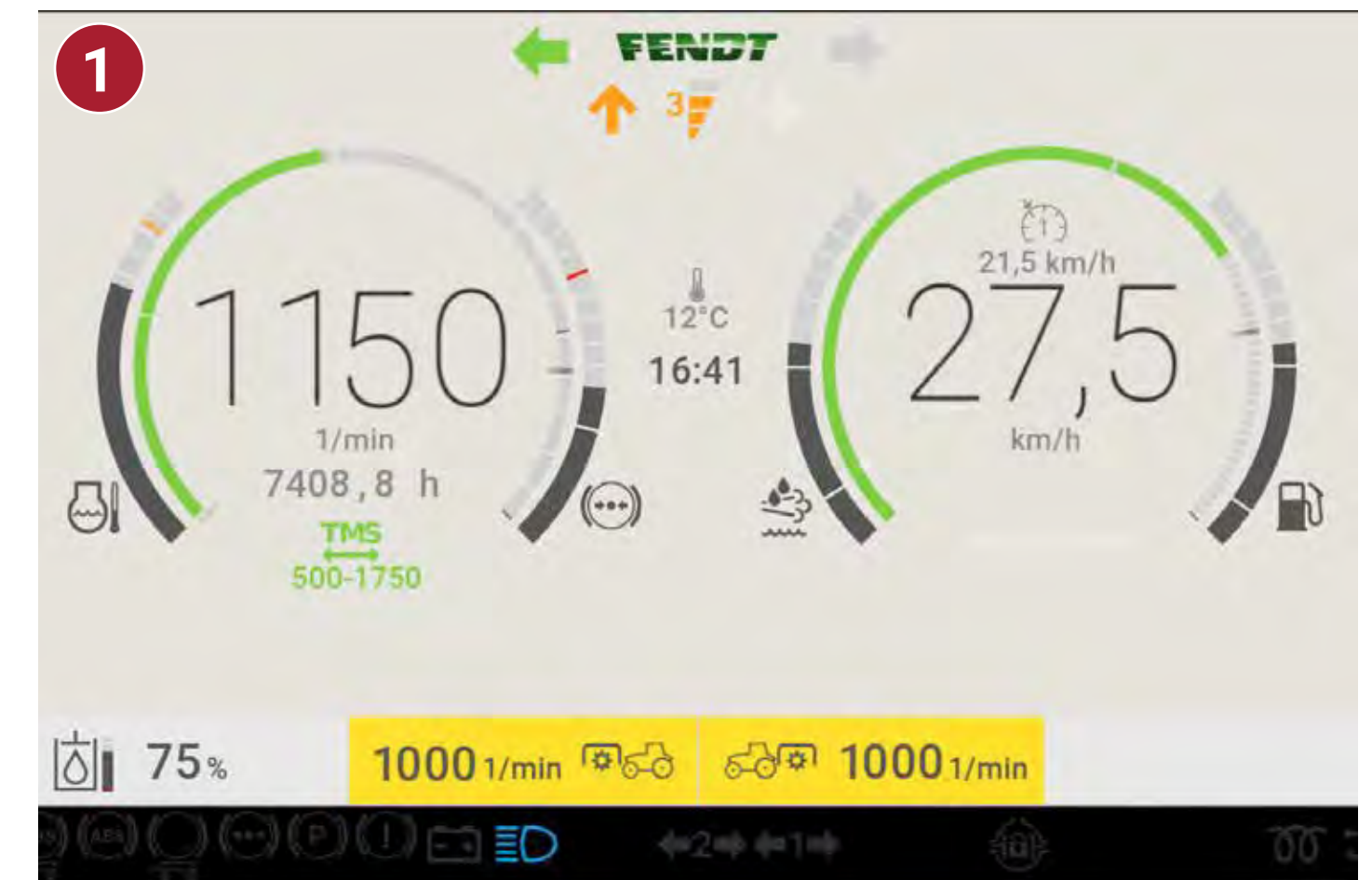
- 1 Road-use data always on display
- 2 Settings for the main groups: power lift, hydraulics, engine and transmission, onboard computer with fuel consumption gauge, ventilation, lighting, front axle suspension, valve assignment, service and diagnostics
- 3 Make settings using the pushdial on the steering column



Dashboard: settings and navigation.

Pushdial – controls

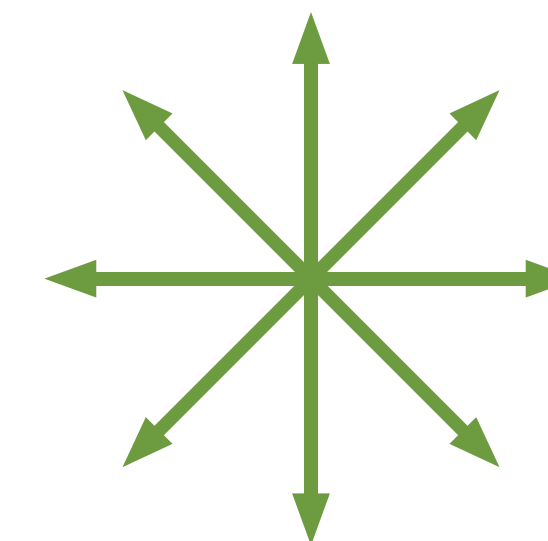
- 1 With the engine on, you see the road-mode full screen by default
- 2 Straight to quick access:
 - Either use the pushbutton
 - Or push the pushdial upwards.
- 3 In the menu: turn and press



Dashboard: Settings and navigation.

Pushdial – main group controls

1. Front power lift
2. Hydraulics
3. Rear power lift
4. Engine and gearbox
5. Front axle suspension
6. Consumption readings
7. Onboard computer
8. Climate control
9. Lighting
10. Settings
11. Service and diagnostics
12. IOM Individual Operation Manager

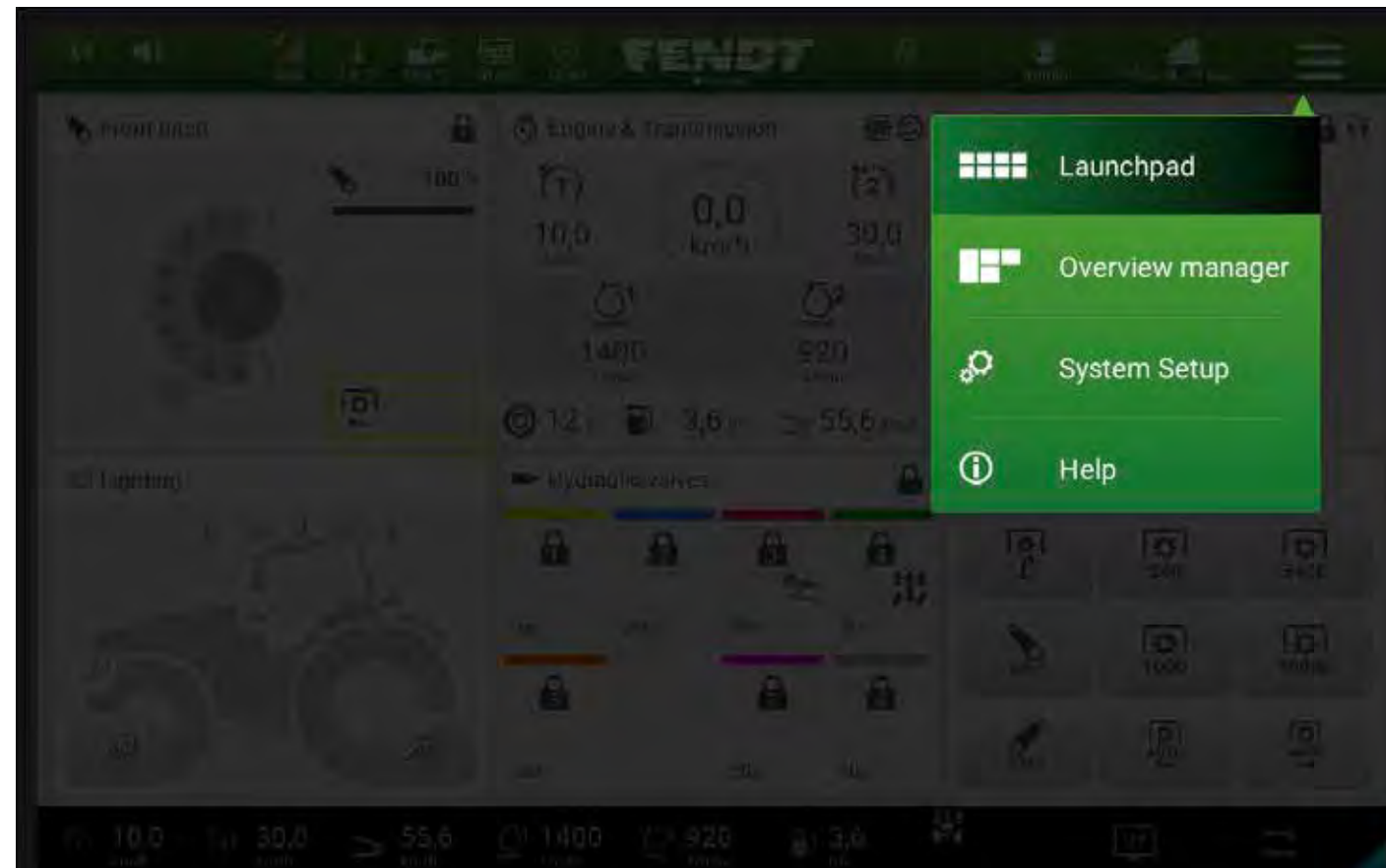


Launchpad



Overview manager control.

Overview Manager – 12" terminal



Overview Manager to edit screen pages

- More display area with up to 6 panes per page (instead of 4 panes as it was before)
- Users can individually create up to 15 overview pages per work profile
- Intuitively edit screen pages using drag & drop

The 6 default panes can be changed as desired

- Change the different panes and pages using drag & drop

For a better overview:

- Try changing the display to 4 panes, as shown here in the Lane Guidance system

FendtONE workstation controls.

Overview – workstation controls (e.g. Profi+ Setting 2)



Joystick built.

Joystick and multifunction joystick

4-way joystick with countless functions:

- Choose direction
- Accelerate / decelerate
- Reverse
- Activate cruise control 1 and 2
- Open engine speed memory 1 and 2
- Auto linkage / PTO
- Acceleration ramp

More functions:

- 5 white + 4 petrol-coloured buttons for you to assign
- Proportional control and floating position for 2 hydraulic valves

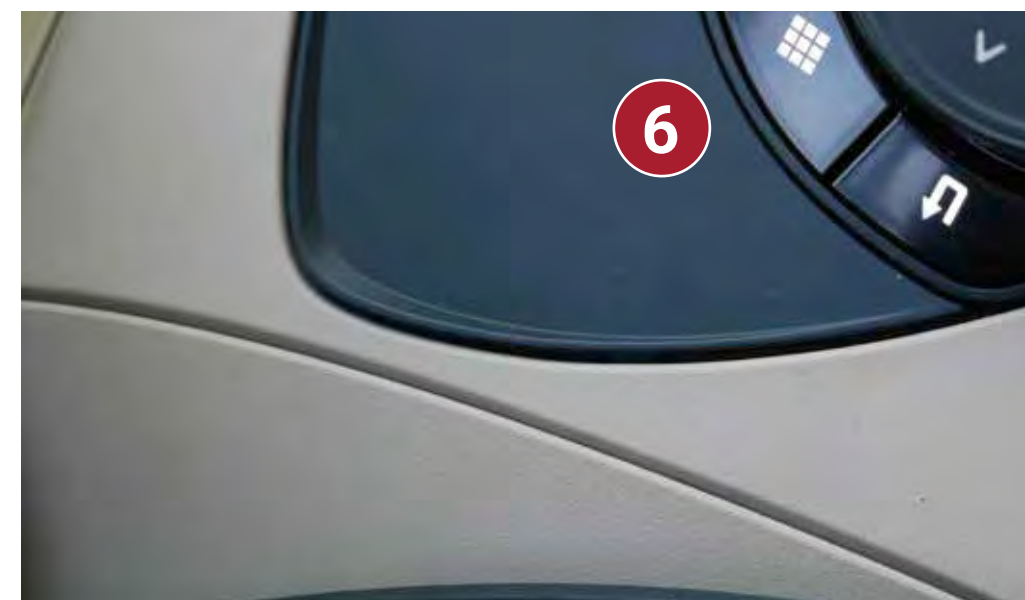
+ Easily and ergonomically control countless functions without repositioning



Button assignment.

Button assignment: multifunction joystick – armrest buttons

- 1 Display shows target assignment
- 2 Choose the functional groups
- 3 Default setting – Fendt Settings
- 4 A green frame shows that you can reassign it
- 5 Keypad on armrest – rocker pair assignment
- 6 Direct access with button



Images show solution in the 300 Vario Gen4!

Controls – 3L joystick.

- 3L joystick – controls Cargo front loader, hydraulics and tractor functions – ISOBUS 200* and 3 control levels
- Perfect, customised ergonomics: up to 27 functions*, split between 3 control levels*
- ISOBUS 200** and tractor functions can be grouped on one lever
- Built-in, extra reverse button
- Colour-coding helps you reassign functions
- Optional: 3L joystick on Profi/Profi+ (Setting 2)

* Available from June 2021. ISOBUS capability will follow from January 2021, and the further functions with additional levels in June 2021. They will be released through a software update. ** ISOBUS 200 with max. power supply of 25 A



- + The conveniently placed reverse button means you no longer have to reach around e.g. for front loader work
- + Fully customisable with functions that can be reassigned



12" terminal.

12" Varioterminal

- Clear status indicator with header and footer and simple navigation
- Up to 6 freely configurable applications (panes) per page
- Create user profiles to save different views and settings for different drivers
- Can be operated by touch and pushdial
- Integrated day/night design
- Automatic dimming controls
- Terminal can be swivelled sideways
- Terminal comes as standard from Profi Setting 2

- + Large display area
- + Intuitive controls
- + Flat menu structure so you can easily find features
- + Option to personalise with freely configurable pages/panes



Control buttons on the control console.

Controls on the armrest (keyboard)

- 9 function keys, colour-coded by function group



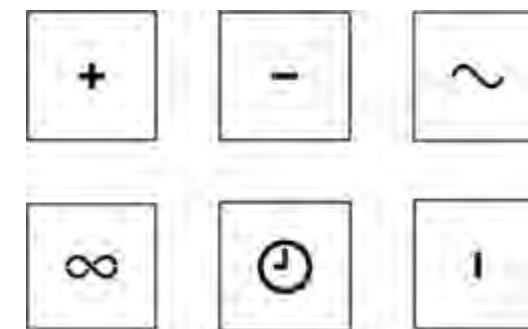
- + Quickly find your way around and avoid operating errors with a clever colour and lighting concept
- + Visual feedback when you reassign functions, helping you avoid operating errors

Use of rockers on control panel.

Rocker pairs (linear modules)

- 1 Each rocker has 5 settings: 1. Plus 2. Minus 3. Floating position – fixed flow (via terminal)

– Time function (via terminal)



- 2 Lock/unlock rockers separately
- 3 Lock/unlock hydraulics together



Pushdial on steering column.

Pushdial (touchpad) – using the dashboard and touchscreens

- 1 2-axle pushdial; 1 x press = OK
- 2 Touchpad left/right: toggle between displays
- 3 Top/bottom touchpad: quick access to control menu / logbook
- 4 Toggle between views
- 5 IOM (Individual Operation Manager)
- 6 Quick access to control menu
- 7 Back function

Light design

- Buttons are backlit and have a day/night mode
- LED lightring on the pushdial



Ventilation – climate control – 1/2.

Fan and air-con design

- Design with ventilation and heating
- Optimised air flow over a total of 8 air vents:
 - 6 adjustable vents in the roof area, 4x front and 2x rear
 - 2 vents at the top for the windscreen
 - Central control via dial and dashboard
 - Inside temperature indicator in the cockpit
- Climate control and air-con optional
 - Over-pressure function
 - Auto defrost
- For winter service: optional footwell heating with extra heat exchanger, constant air outlet at the pedals and 4 other air vents: 2 on the left and right of the steering column; 2 at the top of the steering column for the top of the windscreen

- + Comfortable climate inside the cab
- + Combined heating and climate controls are easy and comfortable to use
- + Quick defrost mode to demist the front and side windows
- + Over-pressure function prevents dust and aerosols from entering the cab
- + Extra footwell heating with heat exchanger



Ventilation – climate control – 2/2.

Using the ventilation – climate control

- Touch or push dial on the 12" terminal
- Quick settings on the dial control on the right of the dashboard
 - 1 Left/right fan setting min - max
 - 2 Turn: temperature up / down
 - 3 Press: activate auto mode
 - 4 Long press: defrost mode (highest temperature and highest fan setting)
- Settings on the dashboard and terminal
 - 5 Air flow
 - 6 Rear window heating
 - 7 Fan speed
 - 8 Auto mode (optional)
 - 9 Defrost mode
 - 10 Pressurised operation
 - 11 Temperature setting



Infotainment Package.

Hands-free kit

- Digital gooseneck microphone
- Optimum reception and transmission quality during hands-free talking, elimination of background noise

Radio reception

- Alternative frequency: continuous search for the same radio stations on alternative frequencies to achieve the best possible reception quality at all times
- DAB+: Seamless blending between DAB and FM radio stations
- Display of artist, title and station logo

Sound output

- 2 speakers for perfect sound in the cabin
- No interruption of audio output when starting the engine

Connectivity

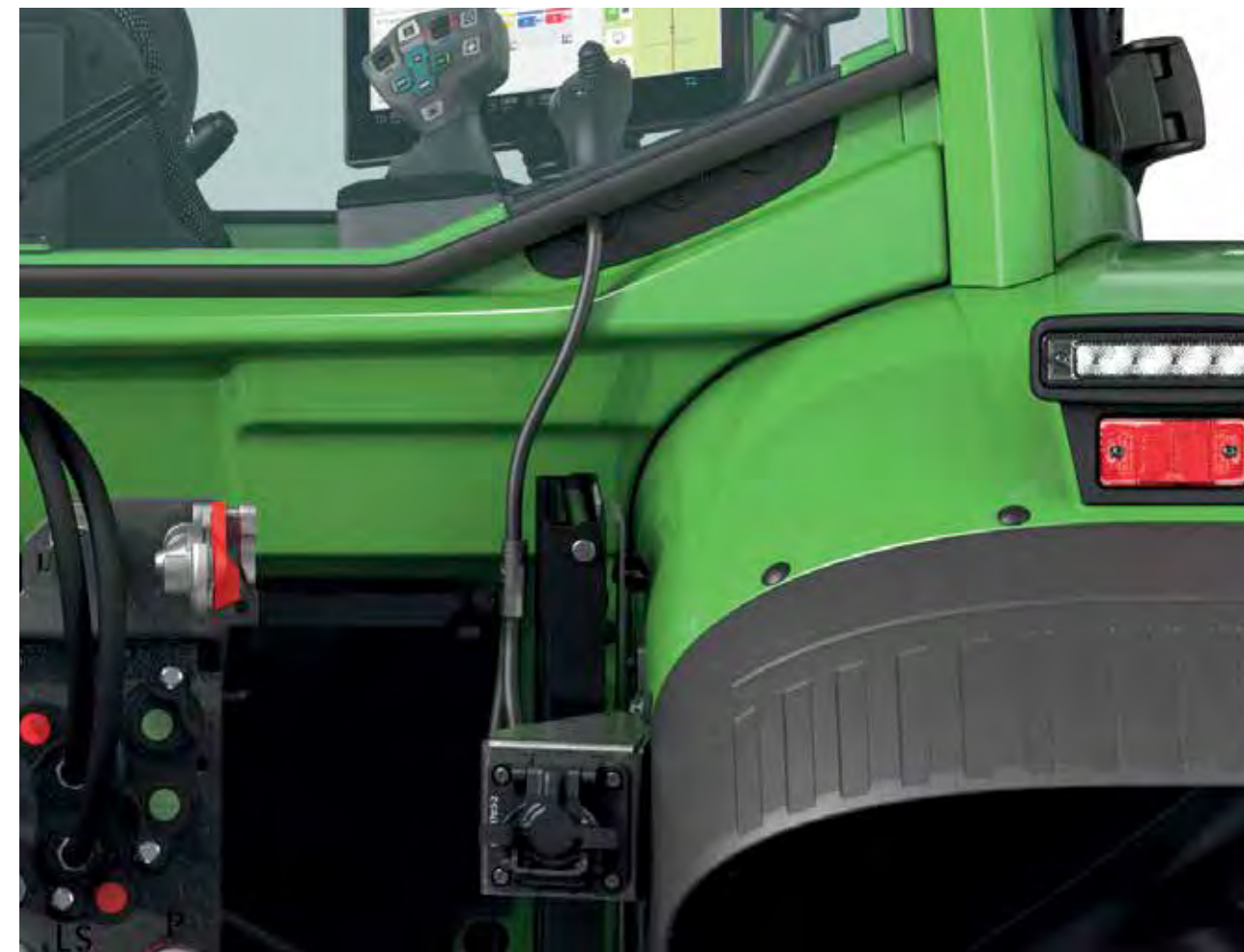
- Bluetooth
- USB
- AUX-IN

Cable lead-through.

Built-in cable ducts

- 3 integrated cable ducts under the rear window:
 - Less dirt gets into the cab
 - Improved noise insulation

- + Quiet, clean and tidy workplace
- + No risk/damage from loose cables



Cab positioning and suspension.

Cab bearing and suspension – 2 variants

- 1: Cone bearings front and rear – Standard
- 2: **Mechanical cab suspension** (optional):
 - Cone bearings at front, mechanical suspension/cushioning elements for a high level of driving comfort; Panhard bar for lateral stability
 - Cab is uncoupled from the tractor body to prevent vibrations and noise being transferred to the cab



- + Maximum comfort on the road and field, even in compact standard tractors
- + A more relaxed working environment on those long days

Wing mirrors and windscreen wipers.

Wing mirrors

Compact mirror with wide angle view

- Best overview of danger zones when indicating to turn
- No blind spots

Windscreen wiper

- Segment wipers with interval mode and continuous modes 1 and 2
- Large wiper field



- + Maximum safety on the road
- + Best overview even with large attached implements in tight spaces
- + High wiping performance and large wiping field for driving safety even in heavy rain

Lighting. 1/3

Lighting

- All-new headlight and lighting design
- Bi-halogen headlights with range extension – when switching to high beam, light distribution and brightness of the dipped area remains unchanged – far-reaching light extends existing light cones
- Daytime light optional for better detection (from Profi series)
- Up to 6 work lights front and back
- All working lights also available as LED headlights

- + Best lighting for increased safety and comfortable working even at night
- + Lets you work longer and make better use of the tractor
- + Longer service life and energy savings with LED headlights



Cab lighting, front and rear. 2/3

1 Work light on front of roof at the top (LED optional)

2 Daylight running light

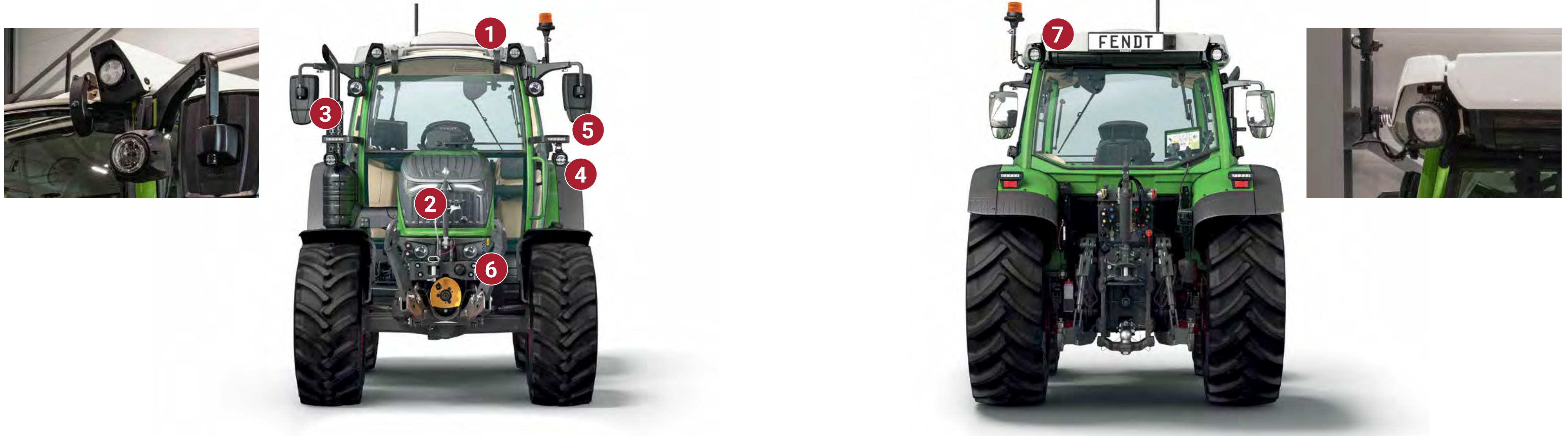
3 Auxiliary headlights

4 Work lights on A pillar (LED optional)

5 Clearance lights and indicators

6 Bi-halogen headlights

7 Roof-mounted work light on outside rear (LED optional)

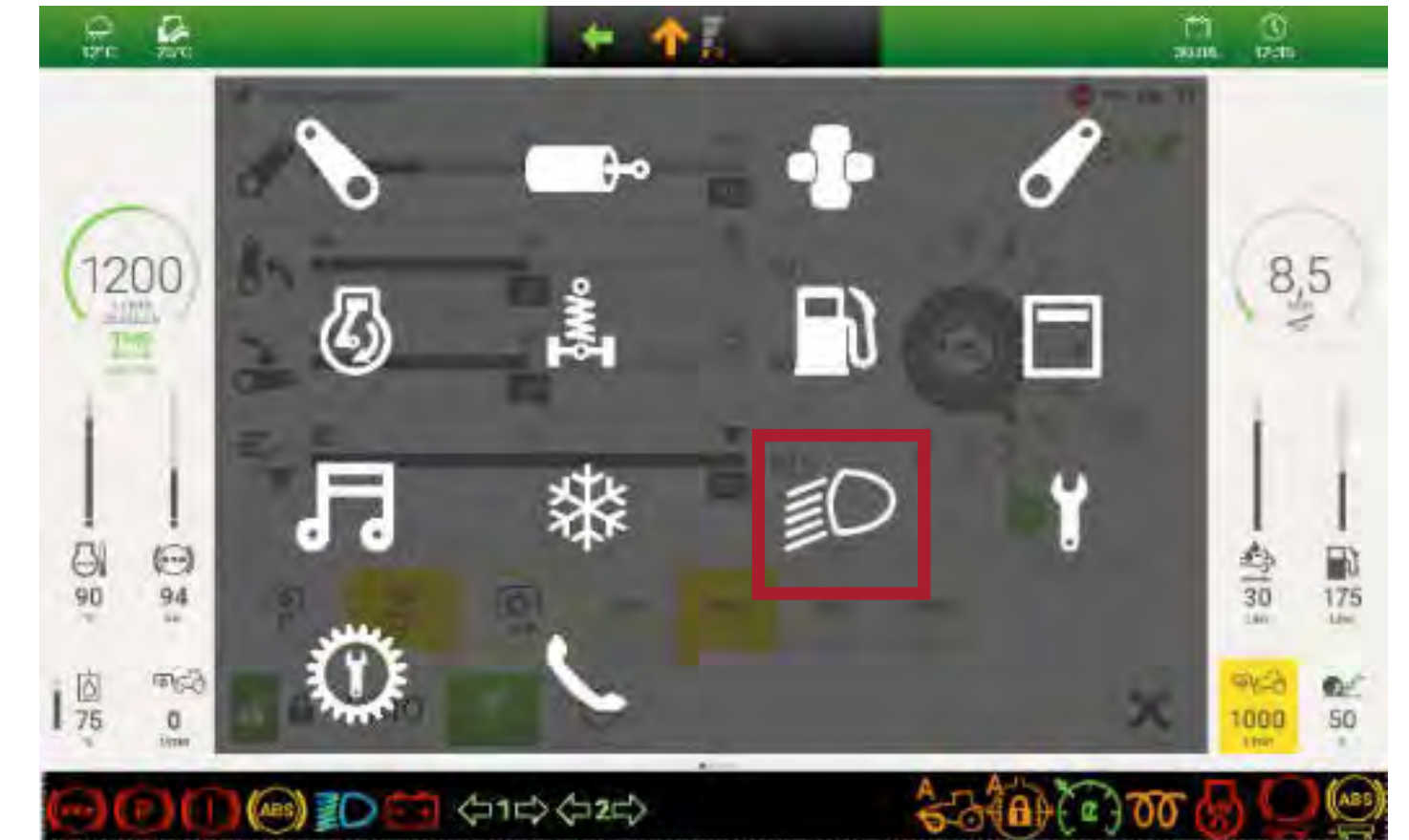


Lighting – controls. 3/3

Controls

- Settings in Lighting menu on the dashboard
- Lighting controls all together in one place

- 1 2 programmable lighting modes
- 2 Coming home option – adjustable timer



- + Easy controls on dashboard
- + Simple and intuitive controls for all the lights without repositioning
- + Turn pre-selected working lights on/off quickly and easily



FendtONE workstation comparison.

Overview

Operating philosophy

Equipment ranges



FendtONE controls compared.

Old/new comparison



Old driver's workstation

- Multiple control points
- One display area
- No terminal



FendtONE driver's workstation

- + Reassignable function groups
- + All control units centralised
- + Large 10" digital dashboard
- + Extra 12" terminal with simple menu structure with 2 user levels
- + Customise your entire workplace

FendtONE controls compared.

More customisable controls – adapt to your own work processes

News

- All controls are assigned to a specific functional group by default
- Control for hydraulics, power lift, cruise control, etc.
- Cannot reassign functions

FendtONE

- First alternative to the fixed assignment of function groups
- Individual Operation Manager – all buttons can be customised in the IOM on the terminal
- You can assign which buttons control what:
 - Drive train
 - PTO
 - Hydraulics
 - ISOBUS
 - Comfort functions (lighting, front axle suspension, etc.)

FendtONE operating concept.

More customisable controls – adapt to your own work processes

FendtONE solution

You can assign control points to

- Tractor functions
- ISOBUS functions
- Fendt TI options (headland management system) for the first time



FendtONE operating concept.

Additional safety in operation

News

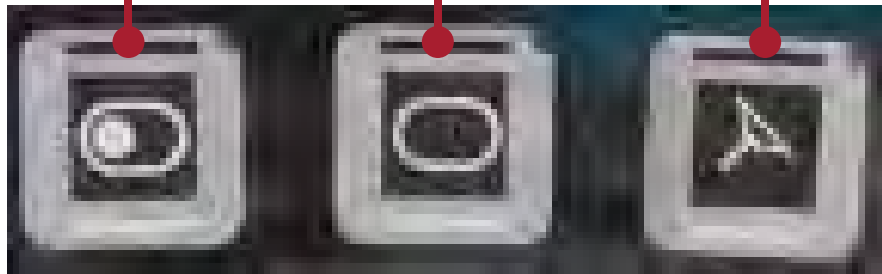
When you reassign functions, there is no visual feedback at the control point / button.

FendtONE

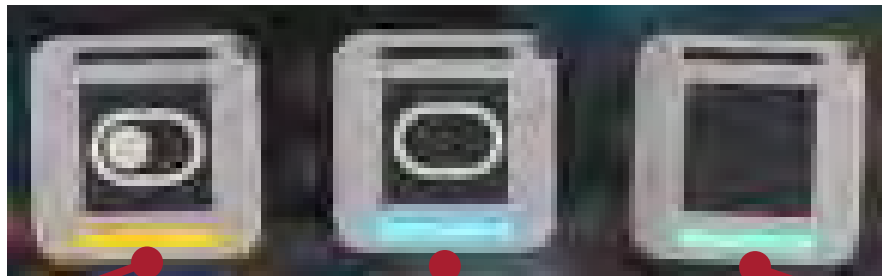
Symbols on the buttons can be deactivated when reassigned. If the function of the button does match the symbol, the symbol disappears.

Neutral symbols for buttons that can be reassigned Symbol with the default assignment

Default assignment:



Example of a possible reassignment:



Drive train
e.g. 4WD

Hydraulics e.g. power lift

Multifunctional
e.g. ISOBUS

Controls, display areas.

Expanded display areas to show relevant functions

News

- Central control cockpit
- No interaction between the cockpit and the external terminal



FendtONE

- Combination of 10" dashboard and 12" terminal, no 'standalone terminals' with central Display Control Unit (DCU)
- Extended display with 12" terminal
- Up to 22" screen area

FendtONE core arguments.

Core arguments – USPs

Freely programmable control console – the first on the market	Unique colour-coding for a better overview	Expanded display area – interlinked terminals	The only end-to-end operating concept on the market
• Custom-assigned buttons and • Individual Operation Manager (IOM) for customisation	• Logical and dynamic colour-coding • with different function groups and functions for the clearest overview	• First operating concept on the market with interlinked terminals and central computing unit ready on delivery • Realtime synchronised content on dashboard and terminals	• First fully integrated control strategy on the market with FendtONE • Familiarity across the different media

FendtONE summary.



➤ 1. Bigger display area

- **Digital 10" dashboard:** Flexible display of key data like the onboard computer or button assignment
- **12" terminal on the control console:** show specific tractor operation stats, lane guidance, ISOBUS implements, etc.

➤ 3. Customisable

- Create user profiles to save different settings for different drivers
- Assign admin rights
- Assign buttons to the controls you want. Visual feedback to avoid user errors
- Display areas can be personalised

➤ 5. Future-proof

- Large memory capacity
- More interfaces
- High level of connectivity

➤ 2. More control options

- Multifunction joystick – more buttons ready to be assigned (including ISOBUS)
- 3L joystick – up to 27 features split over up to three control levels (including ISOBUS and front-loader work with a third valve)
- No extra controls required (terminals, joysticks)

➤ 4. Simple operation

- All the controls in one place
- Intuitive use (similar to smartphones and tablets)
- Flat menu structure so you can easily find features
- Colour-coded functional groups
- Proportional power lift control
- Proportional control of hydraulic valves on the multifunction joystick
- Plain-text messages

Equipment on Power models.

Power S1 / S2: images show the different lines with optional accessories.



Power Setting 1

- No crossgate lever
- 2 linear modules (rocker pair) to control hydraulic valves

Power Setting 2

- Crossgate lever
- No linear module (rocker pair)



Profi equipment features.

Profi S1 / S2: images show the different lines with optional accessories.



Profi Setting 1

- Crossgate lever
- 2 linear modules (rocker pair) to control hydraulic valves

Profi Setting 2

- 3 L joystick
- 2 linear modules (rocker pair) to control hydraulic valves
- 12" terminal



Profi+ equipment features.

Profi+ S1 / S2: images show the different lines with optional accessories.



Profi+ Setting 1

- Crossgate lever
- 2 linear modules (rocker pair) to control hydraulic valves
- 12" terminal

Profi+ Setting 2

- 3 L joystick
- 2 linear modules (rocker pair) to control hydraulic valves
- 12" terminal



Fendt Smart Farming.

Equipment variants

Fendt Guide

Fendt Contour Assistant

Fendt SectionControl

Fendt VariableRateControl

ISOBUS 200 Task Doc

Fendt Implement Management (TIM)

Fendt TI headland management system

Task Doc

Agrirouter

Smart Farming Module



Smart Farming – configurations.

	Power	Profi	Profi+
Hardware & GNSS			
12" terminal in the control panel		Optional 12"	12"
Compatible GNSS receiver			NovAtel, Trimble
Correction services			Autonom, EGNOS/WAAS, Trimble services, RTK
FendtActive steering			Yes
Basic features			
Supported waylines			AB, A+ angle, curve, circle, AB coordinates, A coordinates + angle
Additional features			
Fendt SectionControl			Optional
Fendt VariableRateControl			Optional
Fendt TI Auto			Optional
Fendt Task Doc			Standard
Fendt Contour Assistant			Optional

Guidance - 2 receivers to choose from.

Fendt Guide with new receivers

- 2 different GNSS receivers possible:
 - NovAtel Receiver - SMART7
 - Trimble Receiver - AG 482
- Customer can select which receiver best suits their needs
- Receiver position follows roof contour
- With Quick Start tracking options in the Lines section, NovAtel receivers are preselected in the machine configuration.



Trimble Receiver



NovAtel Receiver

- + Correction services or accuracy levels can be upgraded at any time
- + Vehicle can be equipped as required
- + Low-cost NovAtel receiver already offers full RTK capability
- + Additional technologies available with Trimble Receiver
- + Protected installation



Guidance System – Fendt Guide.

2 receivers – features



Correction service	NovAtel SMART7	Trimble	Accuracy	
			Can be repeated	
SBAS (EGNOS / WAAS)	Yes	Yes	± 15-30 cm	± 150 cm
TerraStar-L	Yes ¹		± 15 cm	± 50 cm
NEW: TerraStar-C Pro	Yes ²		± 2 cm	± 2 cm
RangePoint RTX		Yes ¹	± 15 cm	± 50 cm
CenterPoint RTX		Yes ²	± 4 cm	± 4 cm
CenterPoint RTX fast		Yes ²	± 4 cm	± 4 cm
RTK (NTRIP)	Yes ³	Yes ³	± 2 cm	± 2 cm
RTK (Radio)	Yes	Yes ⁴	± 2 cm	± 2 cm
RTK (Trimble network)		Yes ⁴	± 2 cm	± 2 cm
RTK bridging mechanism	Steadyline RTK Assist ¹	xFill/ xFill Premium ¹		

¹: Licence required / ²: Licence required / ³: SIM card and licence required / ⁴: Additional hardware required. Consent from Trimble base stations operator required.

Guidance System – Fendt Contour Assistant (1/2).

Fendt Contour Assistant – Contour Segments

- **Fendt Guide Contour Assistant adds Contour Segments and Single Track wayline types to the existing types**
- 3 options for creating Contour Segments:
 - 1: Recording contour segments
 - 2: Automatic calculation based on existing field boundaries
 - 3: Creation of contour segments from existing waylines
- After setup, Fendt Guide automatically selects the right segment according to direction of travel, angle and distance
- You can also add new field boundaries based on the contour segments



- + Quick and easy wayline recording for significant savings
- + Easy processing by automatically switching to the best wayline
- + Option to convert the previously recorded (over many years) waylines into contour segments = data retention and analysis
- + Enhanced quality of work even on headlands through consistent use of the steering system

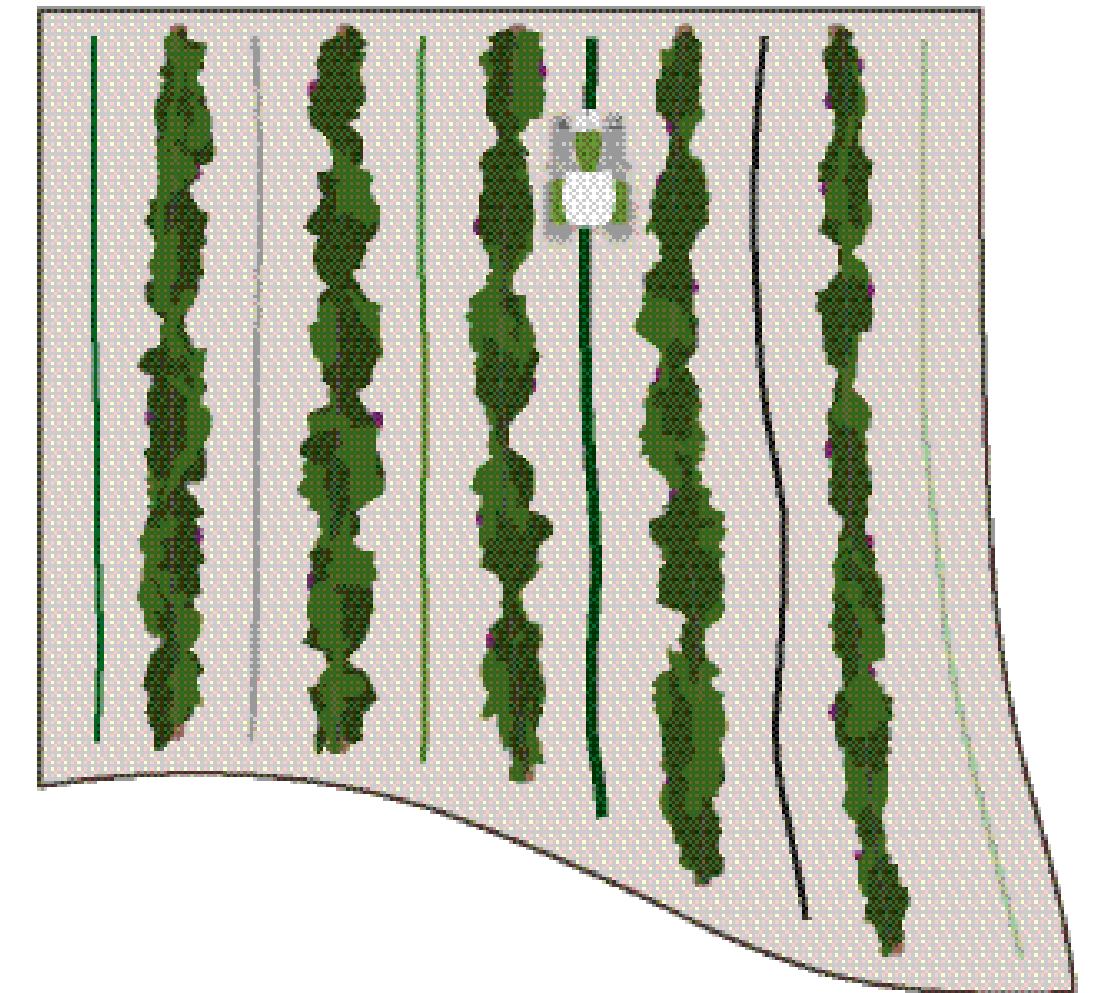
Guidance System – Fendt Contour Assistant (2/2).

Fendt Contour Assistant - single track

- During field work (fertilising/plant protection) the entire route traveled can be recorded and saved as a free contour line (track)
- Perfect for use when harvesting and tending to special crops that are planted without guidance
- Working through a field can be done via a single track under normal circumstances
- No automatic generation of parallel tracks

Fendt Contour Assistant - single track segments

- In contrast to contour segments, several individual single tracks can be created without duplication
- This function is therefore particularly suitable for perennial or permanent crops



- + Steering system can also be used for crops which have not been planted using this system
- + Tractor can work the entire field based on one recorded track
- + Automatic turning improves results and makes work easier
- + 100% focus on the crop
- + Obstacles taken into account

Fendt SectionControl with Assistant (1/2).

Fendt SectionControl (SC)

- Automatic sub-width switching in conjunction with Fendt Guide
- Implement parameters such as working width and number of sub-widths are automatically adopted by the ISOBUS implement
- Assistant for adjusting the precise activation/deactivation point
- Up to 36 section widths



- + Precision working
- + Saves on seeds, pesticides, fertilisers
- + Making work easier
- + Perfect work results even in poor visibility
- + Kind to the environment – avoids duplicated work and accurately keeps to field boundaries



Fendt SectionControl with assistant (2/2).

Fendt SectionControl Assistant

- With Fendt SectionControl Assistant, you can quickly adapt the on/off delay of Fendt SectionControl-compatible attachments
- Quickly optimise power on/off times
- Missed sections and duplicate work are effectively avoided
- SC – assistant to guide the driver step-by-step through all necessary entries
- Fendt SectionControl Assistant built into the system

- + Quick and easy optimisation of the on/off delay
- + Improvements based on easy-to-measure parameters
- + Best results from the start
- + Saves time and optimises the use of equipment

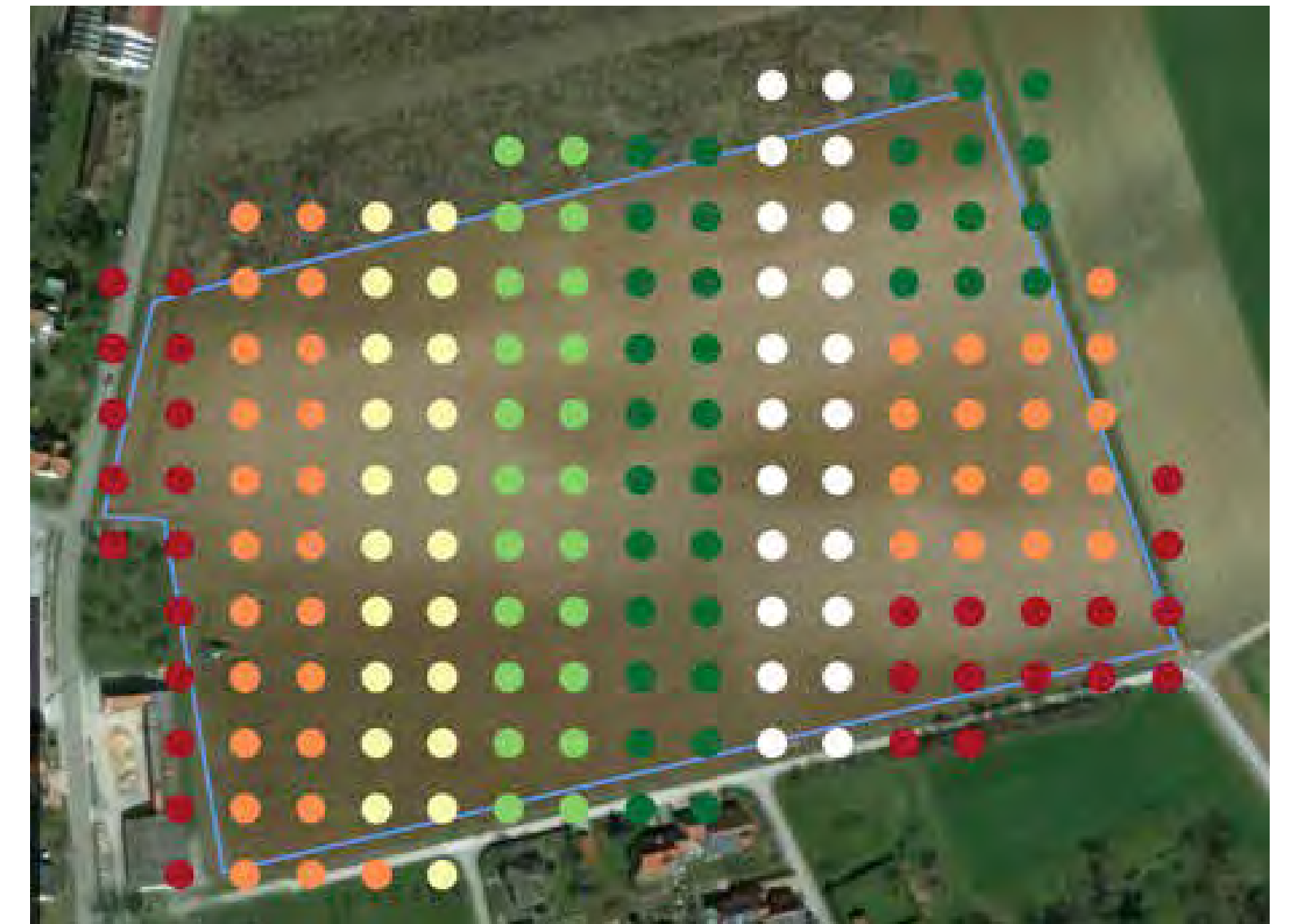
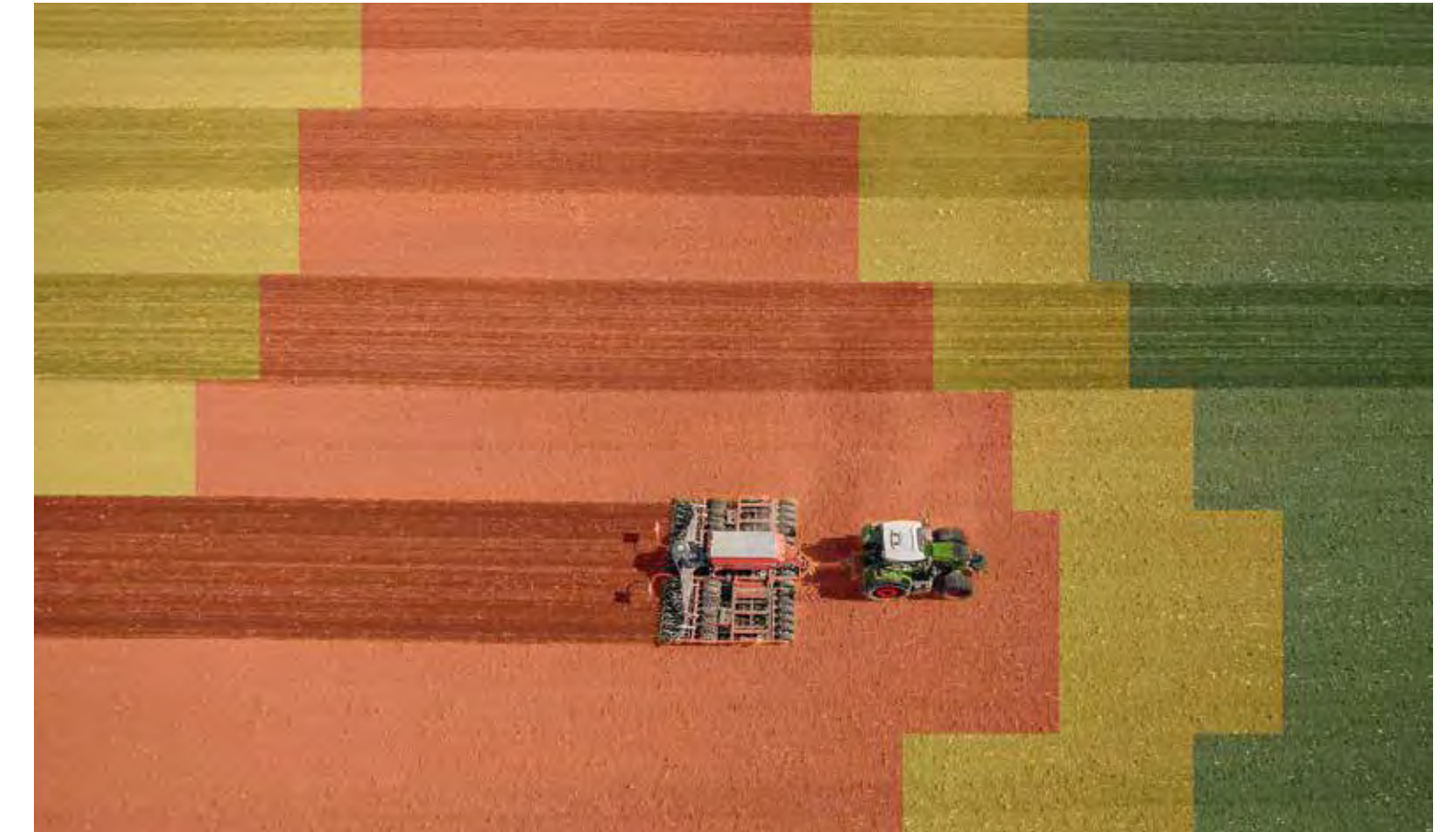


VariableRateControl.

Fendt VariableRateControl (VRC)

- Fendt VariableRateControl (VRC) is the area-specific application of different output volumes in a field
- Basic requirement for use: software licence
- Application maps in ISO-XML or Shape format are sent to the tractor via Fendt Task Pro
- All ISOBUS-capable implements can be controlled (TC-GEO)
- Extremely easy to monitor in map view
 - Option to have 5 application maps open in parallel (if supported by the attachment)
- Fully compatible with SectionControl

- + More efficient use of resources
- + Increases economic efficiency and kind on the environment
- + Basis of documentation for legal requirements (e.g. DüV (Fertiliser Application Ordinance), etc.)
- + Easy, intuitive controls



Fendt TI headland management system. 1/5

Optimise repeat processes at the headland – save up to 1,920 hand movements based on 160 turns per day

- No other manufacturer offers such an extensive and in-depth headland management system like Fendt does with Fendt TI.
- With just one button press on the multifunction joystick, the driver activates the set automatic sequence at the headland

- 1
- This includes 5 different triggers, as well as numerous functions from 13 different function groups
- 2
- Record an entry or exit sequence using any functions (e.g. lift, lower, cruise control on/off, etc.) that you want to process
 - Easy programming both when stationary and on the move

Save your work profiles

- Save your individual settings for each implement
- Perfectly adjusted tools with integrated memory for work profiles
- Even different drivers can work efficiently with optimised settings

-
- + Easy, intuitive controls
 - + Perfect integration of the multifunction joystick
 - + 100% focus on the actual work
 - + Much less work for the driver
(a single push of a button activates several sequences)



1

	Fendt TI trigger
1	Distance covered
2	Time elapsed
3	Lifting height of front power lift
4	Rear power lift lifting height
5	Pushbutton on joystick

2

Fendt TI headland management system		
	Function group	Functions
1	Rear power lift	Lift, lower, slip control, quick feed. On/Off, Stop
2	Front power lift	Lift, Lower, On/Off, Quick Feed, Stop
3	Rear PTO	On/Off
4	Front PTO	On/Off
5	EHS valves	Lift, Lower, Stop, Floating Position
6	4WD	Automatic, 100%, Off
7	Differential locks	Automatic, 100%, Off
8	Front axle suspension	On/Off
9	Vario transmission	Cruise control 1/2 On/Off
10	Engine control	View min./max. engine speed, end function
11	TMS	On/Off
12	Driving pedal	On/Off
13	Guidance system	On/Off
14	Reversible fan	ON

Fendt TI headland management system 2/5.

Practical example of headland management in arable farming with a job combination and front furrow press: optimise repeat processes at the headland – save over 2,000 hand movements based on 160 turns per day

- No other manufacturer offers such an extensive and in-depth headland management system like Fendt does with Fendt TI.
- With just one button press on the multifunction joystick (GO or END), the driver activates the set automatic sequence at the headland.

Entry sequence – GO		Exit sequence – END	
1	AWD on 1x	1	Cruise control 1 on
2	Activate lane guidance	2	TMS on pedal
3	Lower front power lift	3	Raise front power lift
4	Engine speed 1 on	4	Engine speed 1 off
5	Lower rear power lift	5	Raise rear power lift
6	Rear PTO on	6	Rear PTO off
7	Control unit in floating position	7	Lift control unit
8	Cruise control 2 on		
9	TMS on pedal		

Figures:

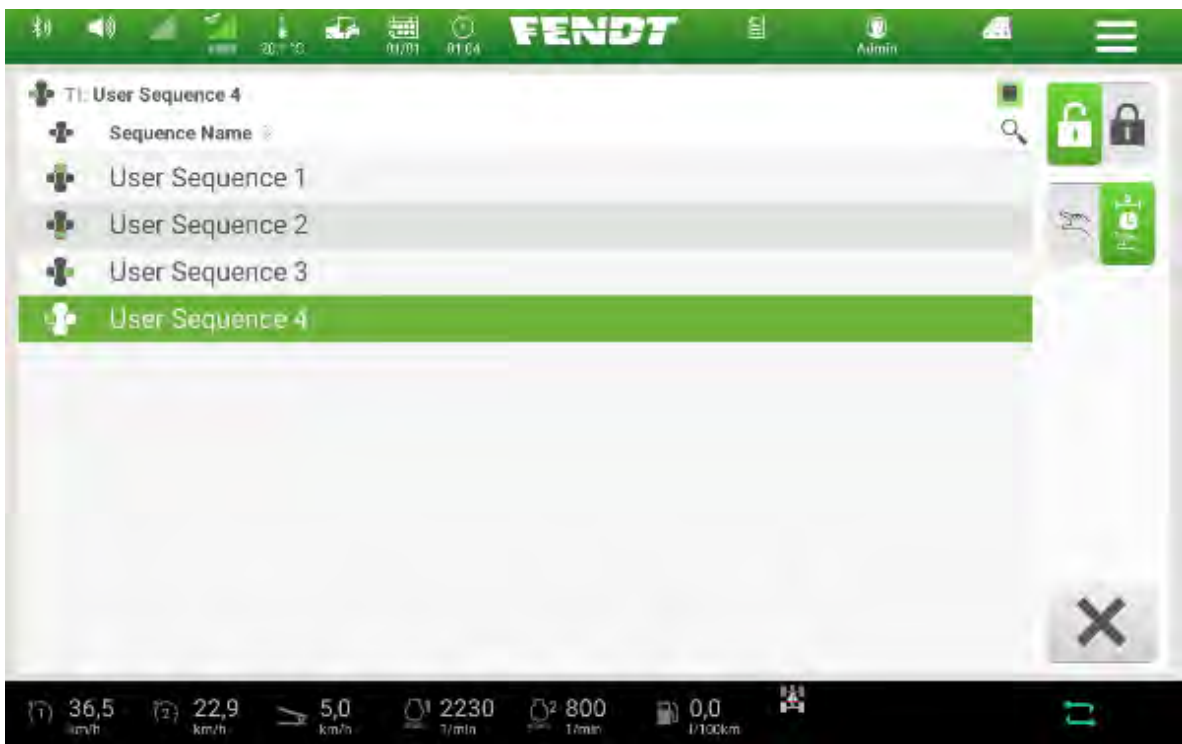
8 x 160 headland turns = 1,280 hand movements	7 x 160 headland turns = 1,120 hand movements
= Total of 2,400 hand movements / 320 presses of GO/END	= saves 2,080 hand movements



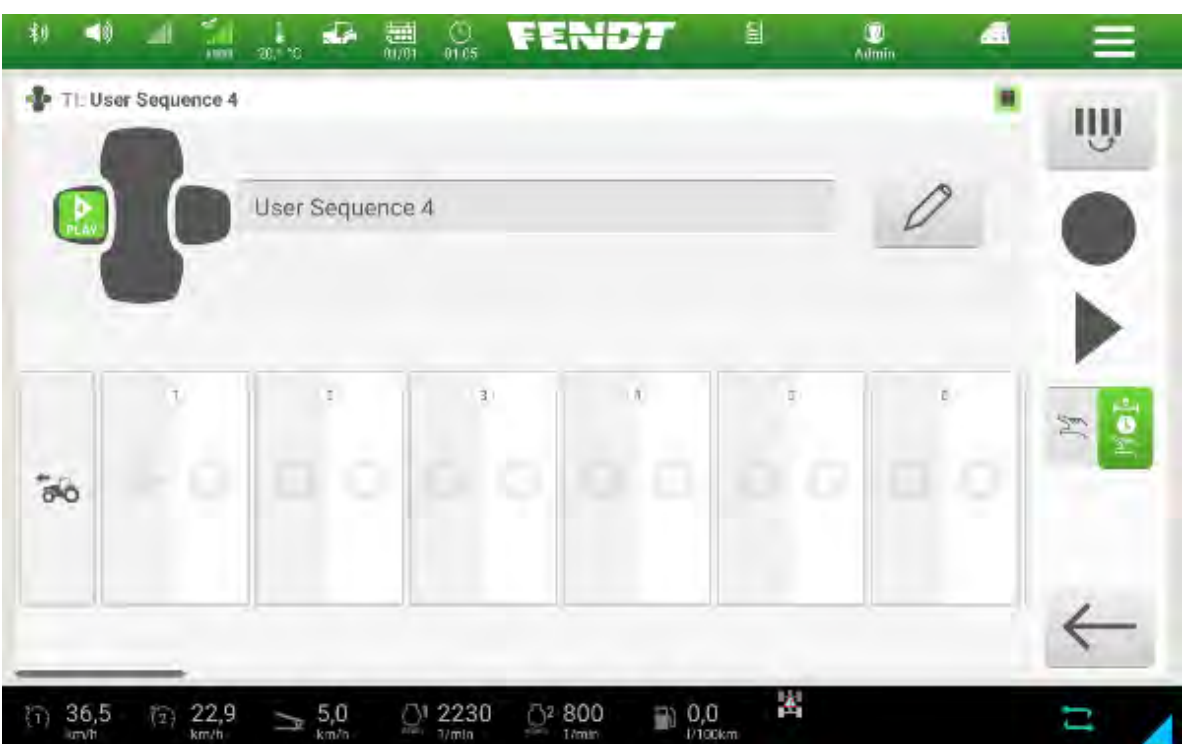
Headland management – Fendt TI. 3/5

FendtTI headland management system

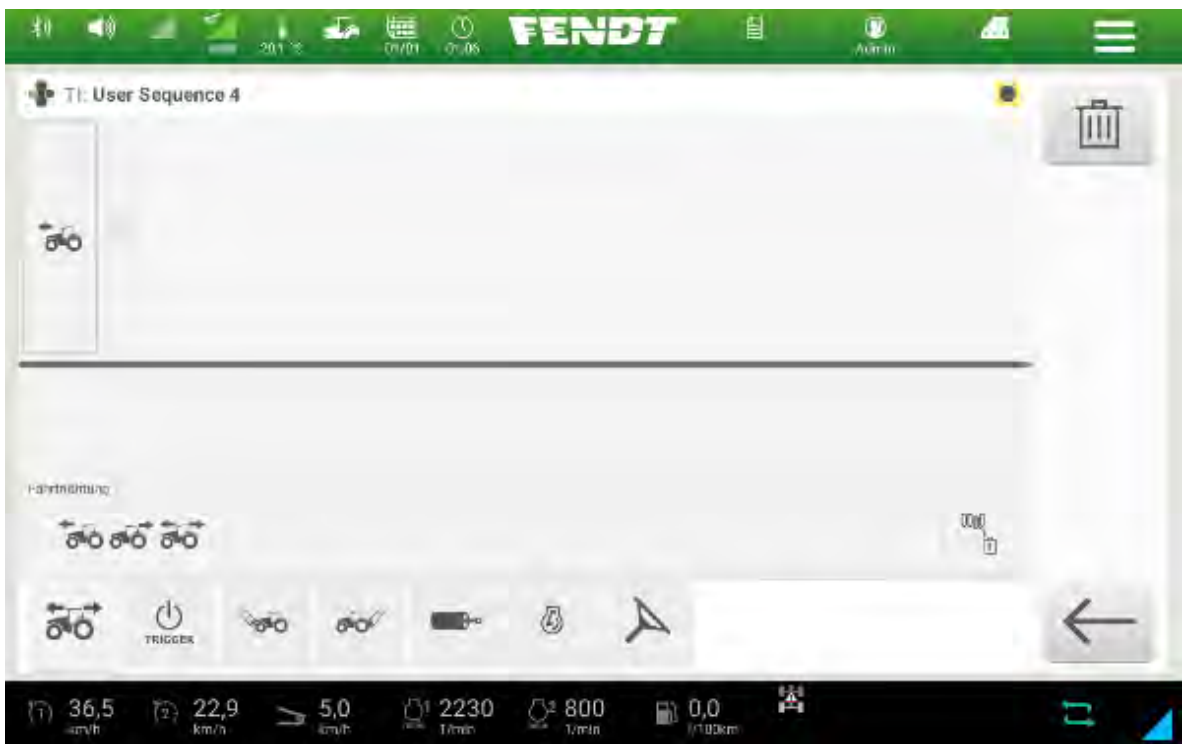
Select the sequence by clicking in the field



Open the EDIT-Offline menu.



Select the trigger or function.



Use drag&drop to add the function you want.



Click this button to save the sequence.



Fendt TI headland management system. 4/5

Practical benefits and independent comparison test

Headland management system in an independent 'profi' comparison test – 12/2017

- "Fendt offers by far the most reliable system. All aspects scored well above average." (quote from profi, 12/2017)
- With a clear lead ahead of second place, Fendt shows its USP lies in headland management systems



- + Fendt TI as standard with 12" terminal
- + Easy, intuitive controls
- + Perfect integration of the multifunction joystick
- + 100% focus on the actual work
- + Much less work for the driver (a single push of a button activates several sequences)
- + Consistent quality of work with every turning sequence, even during night work
- + Work profiles can be stored for the perfect implement settings, even with different drivers

FendtTI Auto – headland management system. 5/5

FendtTI auto

- In combination with Fendt Guide, the system detects the position via GNSS and automatically launches all recorded steps on the headland
- Basic prerequisite is a Varioterminal 12", Fendt Guide system, and Fendt TI Auto software activation
- Use the assistant to set the overlap you want on the headland line, similar to the SectionControl function
- New teach-in mode to quickly define the trigger points
- This software function can be easily retrofitted



- + Customer benefits:
- + Efficient use of resources
- + Precise activation of processes
- + Precise parallel tracking
- + Effective use of the steering system, even on headlands
- + Program at a standstill or at the headland
- + This software option can be easily retrofitted

Fendt TI Headland.

- Complete package for professional work on the headland
- Fendt TI Auto
- Fendt TI Turn Assistant
- Prerequisite: Fendt Guide (track guidance basic package, receiver)

Fendt TI Headland

Fendt TI Auto

= Storing and automatically triggering a sequence of work steps at the headland

Fendt TI Turn Assistant

= Automatic turning at the headland

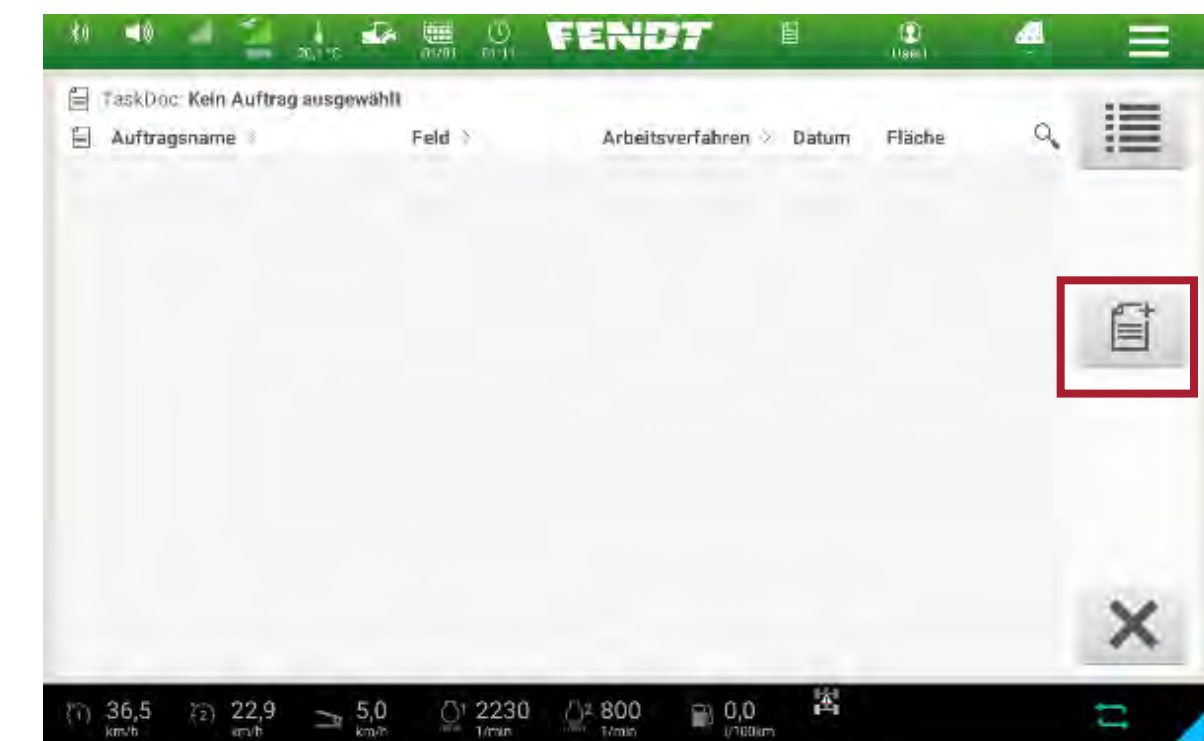
- + Full utilisation of the track guidance system also at the headland

Fendt Task Doc.

Documentation

- Quick and easy data transfer to field database via Bluetooth or GSM
- Simple reporting without intermediate steps (note pads)
- Transfers all data relevant to the documentation:
 - Field data (VarioGuide waylines, boundaries, obstructions)
 - Field name + current crop, address of the farm or customer
 - Name of the application
 - Agent used + quantity to be applied
 - Current weather situation, current driver
 - Implement used
- The field database can also be used to share third-party field data with the Fendt Vario

Add a new job



Add specific elements



+ Documentation is fully integrated into the front Varioterminal

Agrirouter – data exchange platform.

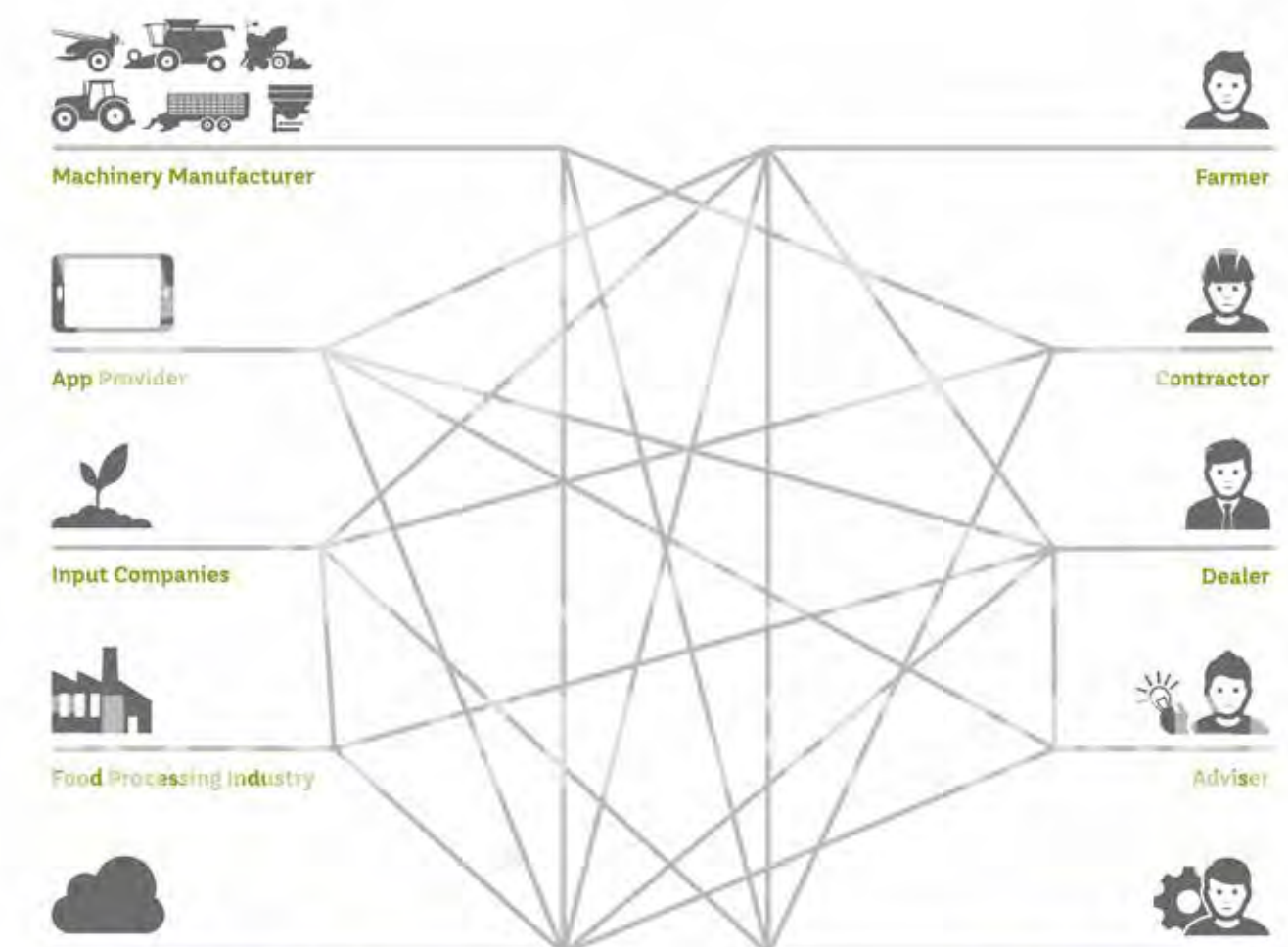
- Web-based data exchange platform to send data from any vendor between machines and agricultural software
- With an agrirouter account, you can send agronomy and other data wirelessly from a field map to the Fendt Varioterminal and vice versa
- Data is sent in standardised format
- Can also be used in conjunction with FendtONE: with the agrirouter, you can connect other farm management systems to FendtONE → Wireless data exchange between the Fendt Varioterminal and other FMIS*

Prerequisites:

- Agronomy basic package

*) provided that the respective agricultural engineering or agricultural software manufacturer is a member of the agrirouter consortium
To find out more, go to www.my-agrirouter.com

Without agrirouter



With agrirouter



- + Accessible data transfer even for mixed fleets*
- + Transparency and data monitoring: set out data transfer routes
- + Data security: data is not stored

Connecting onboard and offboard.

- New concept to merge the onboard world (on the machine) with the offboard world (office, apps, job management) into one 'control unit'.

ONBOARD

= On the machine
(terminal)

- + Send the data wirelessly for use wherever you are 'offboard' on a variety of end devices
- + Same operating concept on the machine as in the office
- + Optimising the entire work process



OFFBOARD

= Use it from any location, from any device
(tablet, mobile, PC)



FendtONE.

- Variotronic products still apply as before
- Specific functions on FendtONE offboard are also available for the current driver's workstation
- New driver's workstation with new FendtONE operating philosophy
- End-to-end operating concept: FendtONE onboard and offboard

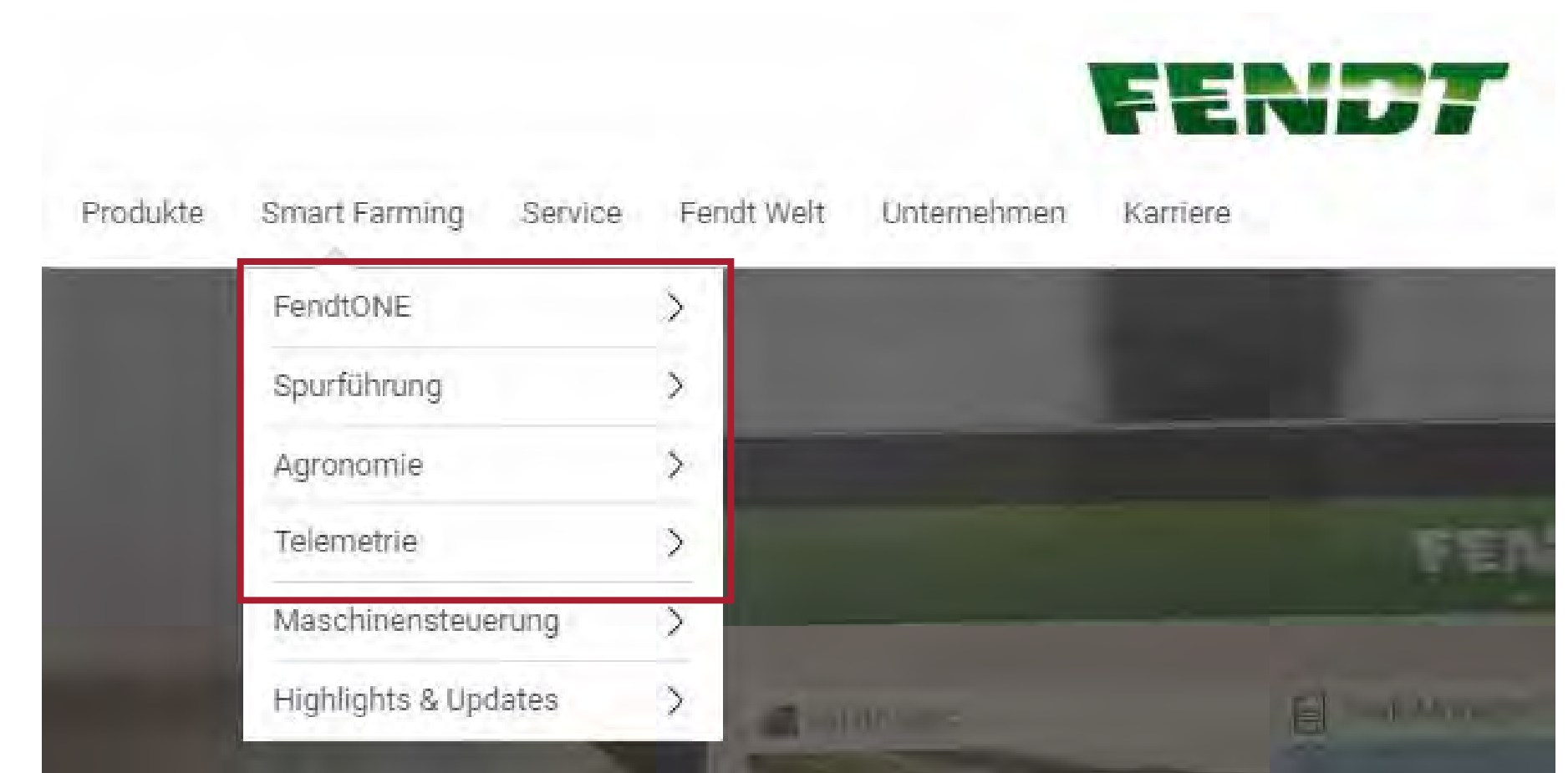


Module concept and naming.

Increasing number and complexity of Smart Farming solutions:

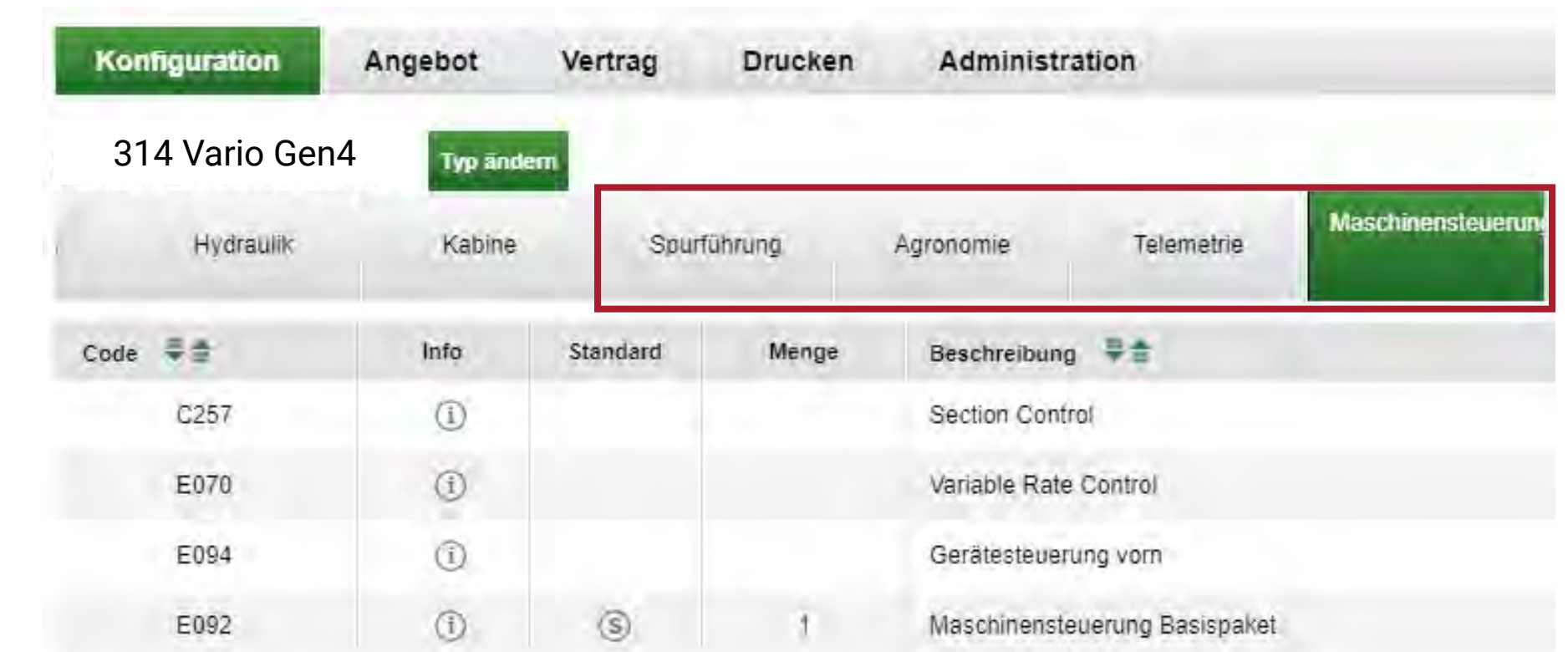
3 modules: Guidance system, agronomics, machine control

- Basic package includes basic features (e.g. VarioGuide in Guidance System module)
- Additional functions can be added as optional extras
- New naming for electronic features with the new driver's workstation



Website

- + Easier navigation with clearer and uniform structure across all channels
- + New driver's workstation is definitely different from the old one but it has the same module concept and similar naming system



Configurator

Guidance system.

Guidance System – basic package

- Basic package equips the tractor for Guidance System and the Fendt Guide application



Benefits

- + Even more efficient field work
- + Indispensable for plant protection and all field work
- + Easy, intuitive controls
- + Central updating and management of field data
- + Helps the driver and reduces overlapping during parallel runs
- + Higher productivity and fuel efficiency
- + Full range of functions for lane guidance (Fendt Contour Assistant)

Optional

- Fendt Contour Assistant
- Choice of different receivers
- NovAtel or Trimble options

Agronomy.

Agronomy – basic package

- Basic package allows you to create orders and follow-up reports on the machine
- Full overview of completed jobs
- Agronomy basic package includes the Fendt Task Doc app and a 5-year licence



Benefits

- + Overview of jobs and tasks
- + Simplified documentation of jobs and field work
- + Seamless documentation of field work
- + Ready for future reporting
- + Flexible data transfer: choice of USB or mobile network

Optional

- Fendt Task Doc
- Agrirouter
- Next Machine Management

Machine control

Machine Control – ISOBUS 200

- An ISOBUS implement can be easily and intuitively controlled through your machine thanks to the ISOBUS 200 machine control system.
- ISOBUS 200 machine control is a prerequisite for advanced ISOBUS functions such as Fendt SectionControl and Fendt VariableRateControl.
- The tractor terminal and attachment are linked with an adapter cable set. This is connected to the power and signal socket inside the cab and to the implement socket outside.
- On the Fendt 200 Vario, you can have the implement socket installed at the rear. (Max. power supply 25A)



Benefits – Machine Control basic package – Fendt ISOBUS 200

- + More efficient use of the setup and resources
- + Enhanced quality of work
- + A basis for section-specific work
- + Saves on pesticides, fertilisers and seeds by targeting how you manage your work for each sub-section (VRC, SC)
- + To control ISOBUS attachments
- + Easy to operate complex implements: e.g. plant protection – no additional ISOBUS hardware required, thanks to the Fendt 3L joystick* with up to 27 functions!

* ready for delivery end 2021

Optional

- Fendt SectionControl (SC)
- Fendt VariableRateControl (VRC)

Tractor Implement Management (TIM).

- With Tractor Implement Management (TIM), an implement can automatically control certain functions of the tractor; e.g. its forward speed or control valves.
- This is possible as soon as both tractor and implement are equipped with the ISOBUS function TIM.
- With the help of TIM, the implement optimises its own workload, the driver is relieved and the team works more productively.
- Tractor Management (TIM Steering) enables the machine to accept steering commands from an implement.

- + Increased efficiency of the team
- + Maximum driver relief

Technical data - overview.

Technical data

Market overview



Technical specifications. 1/3

		207 Vario	208 Vario	209 Vario	210 Vario	211 Vario
Engine						
Rated power ECE R 120	kW/hp	53/72	60/82	67/91	73/99	77/105
Rated power with DP ECE R 120 (approval rating)	kW/hp					84/114
Maximum power ECE R 120	kW/hp	58/79	62/84	69/94	77/104	84/114
Maximum power with DP ECE R 120	kW/hp					91/124
No. of cylinders	number	3	3	3	3	3
Cubic capacity	cm³	3300	3300	3300	3300	3300
Rated speed	rpm	2100	2100	2100	2100	2100
Max. torque at 1600 rpm	Nm	328	348	389	428	
Max. torque with DP at 1600 rpm	Nm					508
Fuel level	litres	125.0	125.0	125.0	125.0	125.0
AdBlue tank	litres	16.0	16.0	16.0	16.0	16.0
Transmission and PTO						
Transmission type		ML75	ML75	ML75	ML75	ML75
Speed range forward	km/h	0.02-40	0.02-40	0.02-40	0.02-40	0.02-40
Speed range reverse	km/h	0.02-25	0.02-25	0.02-25	0.02-25	0.02-25
Rear PTO		540/540E/1000	540/540E/1000	540/540E/1000	540/540E/1000	540/540E/1000
Rear PTO option (including ground speed PTO)		540/1000/4,0	540/1000/4,0	540/1000/3,8	540/1000/3,8	540/1000/3,8
Front PTO option		1000	1000	1000	1000	1000
Front PTO option 2		540E	540	540	540	540

Technical specifications. 2/3

		207 Vario	208 Vario	209 Vario	210 Vario	211 Vario
Power lift and hydraulics						
Dual hydraulic pump	l/min	33+42	33+42	33+42	33+42	33+42
Variable flow pump	l/min	33+71	33+71	33+71	33+71	33+71
Working pressure / control pressure	bar	200	200	200	200	200
Max. valves (front/centre/rear)	number	0/0/4	0/0/4	0/0/4	0/0/4	0/0/4
Max. valves available as an option (front/centre/rear)	number	1/0/3	1/0/3	1/0/3	1/0/3	1/0/3
Max. available hydraulic oil volume	litres	34	34	34	34	34
Max. lift capacity of rear power lift	daN	4204	4204	4204	4204	4204
Max. lift capacity of front power lift	daN	2540	2540	2540	2540	2540
Tyres						
Front tyres (standard)		320/70R24	320/70R24	380/70R24	380/70R24	440/65R24
Standard tyres rear		420/85R30	480/70R30	480/70R34	480/70R34	540/65R34
1st option for front tyres		320/70R24	320/70R24	320/70R24	320/70R24	320/70R24
1st option for rear tyres		480/70R30	420/85R30	420/85R30	420/85R30	420/85R30
2nd option for front tyres		380/70R24	380/70R24	320/70R24	320/70R24	320/70R24
2nd option for rear tyres		480/70R34	480/70R34	480/70R30	480/70R30	480/70R30
3rd option for front tyres		440/65R24	440/65R24	440/65R24	440/65R24	380/70R24
3rd option for rear tyres		540/65R34	540/65R34	540/65R34	540/65R34	480/70R34

Technical specifications. 3/3

		207 Vario	208 Vario	209 Vario	210 Vario	211 Vario
Dimensions						
Front track width (standard tyres)	mm	1500	1500	1690	1690	1690
Rear track width (standard tyres)	mm	1510	1655	1660	1660	1660
Overall width with standard tyres	mm	1970	2170	2170	2170	2186
Overall length	mm	4119	4119	4119	4119	4119
Total height of driver's cab with standard tyres without Fendt Guide	mm	2570	2570	2620	2620	2620
Total height of driver's cab with standard tyres with Fendt Guide	mm	2660	2660	2710	2710	2710
Max. ground clearance	mm	475	475	475	475	475
Wheelbase	mm	2370	2370	2370	2370	2370
Weights						
Unladen weight (base tractor with cab - full tanks, without driver)	kg	4100.0	4140.0	4220.0	4220.0	4280.0
Max. permissible overall weight	kg	7500.0	7500.0	7500.0	7500.0	7500.0
Max. trailer hitch load	kg	2000.0	2000.0	2000.0	2000.0	2000.0

Equipment variants. 1/6



fendt.com | Fendt is a worldwide brand of AGCO.

Standard and optional equipment

Standard: ☒

Optional: ☐

	Power	Profi	Profi+
Engine			
Reversible fan	☐	☐	☐
Preheater unit (engine, transmission oil)	☐	☐	☐
Transmission			
Vario TMS - Tractor Management System	☒	☒	☒
Shuttle function, stop-and-go function	☒	☒	☒
Cruise control	☒	☒	☒
Guidance system			
Guidance system basic package			☒
Standard Trimble / NovAtel			☐
RTK Trimble / NovAtel			☐
Contour Assistant			☐
Agronomy			
Agronomy basic package			☐

Equipment variants. 2/6



fendt.com | Fendt is a worldwide brand of AGCO.

Standard and optional equipment

Standard: ☒

Optional: ☐

	Power	Profi	Profi+
Machine control			
ISOBUS 200 machine control		☐	☐
Section Control			☐
Variable Rate Control			☐
Fendt Implement Management (TIM)			☐
Fendt Implement Management (TIM-Steering)			☐
Vario operation			
Multi-function joystick with cruise control, engine speed memory, automatic modes, controls for hydraulics	☒	☒	☒
3L joystick		☐	☐
Individual Operation Manager – flexible key assignment	☒	☒	☒
Digital Dashboard	☒	☒	☒
12" terminal with touchscreen and key control		☐	☒
Fendt Active steering		☐	☒

Equipment variants. 3/6



fendt.com | Fendt is a worldwide brand of AGCO.

Standard and optional equipment

Standard: ☒

Optional: ☐

	Power	Profi	Profi+
Cab			
Comfort cab	☒	☒	☒
Mechanical cab suspension	☐	☒	☒
Comfort seat, air sprung	☒	☒	☒
Instructor seat	☒	☒	☒
Height and tilt-adjustable steering column	☒	☒	☒
Air-conditioning	☐	☒	☒
Integrated automatic climate control	☐	☐	☐
Climate-controlled storage compartment	☒	☒	☒
Hinged front/rear windows	☒	☒	☒
Rear window wash/wipe	☐	☐	☐
Ext. rearview mirror, mechanically adjustable	☒	☒	☒
Auxiliary device holder	☐	☐	☐
Fendt Reaction steering system	☒	☒	☒
Self-cancelling indicators	☒	☒	☒
Brake level device	☐	☐	☐
Electric battery disconnect switch	☐	☐	☐
Roof window with roller shade	☒	☒	☒

Equipment variants. 4/6



fendt.com | Fendt is a worldwide brand of AGCO.

Standard and optional equipment

Standard: ☒

Optional: ☐

	Power	Profi	Profi+
Lighting			
Bi-halogen headlights	☒	☒	☒
Auxiliary lights front	☐	☐	☐
Work lights A-pillar	☐	☐	☐
A-pillar LED work lights	☐	☐	☐
Rear roof work lights	☒	☒	☒
Roof rear LED work lights	☐	☐	☐
Front roof work lights	☐	☐	☐
Roof front LED work lights	☐	☐	☐
LED rear lights	☐	☐	☐
Daylight running light	☐	☒	☒
LED rotating beacons	☐	☐	☐
Chassis			
Front axle suspension self-levelling, anti-roll control, lockable	☐	☐	☐
Compressed air system 2-circuit system	☐	☐	☐
4WD / differential locks			
Automatic all-wheel drive and differential locking with steering angle sensors	☒	☒	☒
Automatic front differential lock	☒	☒	☒

Equipment variants. 5/6



fendt.com | Fendt is a worldwide brand of AGCO.

Standard and optional equipment

Standard: ☒

Optional: ☐

	Power	Profi	Profi+
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	☐	☐	☐
Electrohydraulic power lift sa (EHR), with external controls	☒	☒	☒
Shock load stabilising, electro-hydraulic power lift control	☒	☒	☒
PTO			
Front: 540E rpm	☐	☐	☐
Front: 1000 rpm	☐	☐	☐
Rear PTO 540/WZW/1000 rpm	☐	☐	☐
Rear PTO 540/540E/1000 rpm	☒	☒	☒
External controls for rear PTO	☒	☒	☒
Hydraulics			
EHS valve actuation crossgate lever, multi-function joystick	☐	☒	☒
EHS valve actuation linear module	☐	☒	☒
External control for hydraulic control unit at rear	☐	☐	☐
Hydraulic tandem pump, hydraulic oil cooler (42+ 33 l/min)	☒		
Load sensing system with axial piston pump (33+71 l/min)	☐	☒	☒
1st and 2nd EHS valve at rear	☒	☒	☒

Equipment variants. 6/6



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Standard and optional equipment

Standard: ☒

Optional: ☐

	Power	Profi	Profi+
3rd EHS valve at rear	☐	☐	☐
4th EHS valve at rear or 3rd EHS valve at rear and 1st EHS valve in front	☐	☐	☐
Hydraulic power beyond connection	☐	☐	☐
Return rear	☒	☒	☒
Unpressurised rear return flow	☐	☐	☐
CUP coupling rear	☐	☐	☐

Additional equipment

Manual hitch	☒	☒	☒
Automatic trailer hitch with remote control, rear	☐	☐	☐
Ball coupling, height adjustable	☐	☐	☐
Hitch	☐	☐	☐
Drawbar	☐	☐	☐
Piton-fix	☐	☐	☐
Front weights, various sizes	☐	☐	☐
Wheel weights, rear wheels	☐	☐	☐
Pivoting front wheel mudguard	☐	☐	☐

Front loader

Front loader attachment parts	☐	☐	☐
Front loader Cargo 3X/65	☐	☐	☐

Model and market overview.

HP classes (Stage 3b/Stage 4i/Stage 4f)

hp classes [Rated power ECE R120 / Max. torque]	Fendt	Steyr	NH	Case IH	John Deere	Claas	Deutz-Fahr	Lindner
	200 Vario	Kompakt / Multi	T4, T5 EC	Farmall C	5 R	Atos 300 + 200	Series 5 G	Geotrac
70+	207 Vario 79 hp / 328 Nm	4075 Kompakt / T4.75 / Farmall 75 C 75 hp / 309 Nm				Elios 210 75 hp / 309 Nm	5080 G 75 hp / 342 Nm	Geotrac 74 ep 76 hp / 318 Nm
						Atos 220 76 hp / 341 Nm		
80+	208 Vario 86 hp / 348 Nm	4085 Kompakt / - / Farmall 85 C 86 hp / 351 Nm				Elios 220 85 hp / 334 Nm		
						Atos 230 88 hp / 354 Nm	5090 G 88 hp / 353 Nm	
90+	209 Vario 96 hp / 389 Nm	4095 Kompakt / - / Farmall 95 C 99 hp / 407 Nm			5090 R 93 hp / 393 Nm	Elios 230 92 hp / 366 Nm	5100 G 97 hp / 386 Nm	Geotrac 84 ep 95 hp / 395 Nm
		4100 Multi / T5.100 / Luxxum 100 99 hp / 430 Nm				Atos 240 97 hp / 371 Nm		
100+	210 Vario 104 hp / 422 Nm	4105 Kompakt / - / Farmall 105 C 107 hp / 444 Nm				Atos 340 102 hp / 405 Nm	5110 G 106 hp / 424 Nm	Geotrac 94 ep 102 hp / 420 Nm
		4110 Multi / T5.110 / Luxxum 110 107 hp / 468 Nm			5100 R 109 hp / 437 Nm	Elios 240 103 hp / 406 Nm		Lintrac 95 102 hp / 430 Nm
110+	211 Vario DP* 114 hp / 463 Nm *124 hp/508 Nm	4115 Kompakt / - / Farmall 115 C 114 hp / 457 Nm				Atos 350 109 hp / 435 Nm	5120 G 116 hp / 462 Nm	Geotrac 104 ep 113 hp / 450 Nm
		4120 Multi / T5.120 / Luxxum 120 117 hp / 491 Nm						Lintrac 115 112 hp / 450 Nm

*Specifications according to EC 97/68

Fendt Services

Fendt Services.



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Fendt Services

Fendt Certified / Fent Care

Cost control and planning security



Fendt Services.

A Fendt machine is a high-tech product for the highest of demands. Accordingly, the certified Fendt sales partners offer first-class service.

The best product under the best protective shield.

Extraordinary service partners and service:

- a short distance between our trained service employees and you
- 24/7 Replacement parts availability during the season
- 12 month guarantee on Fendt original parts and installation

100% quality. 100 % Service: Fendt Services

- Fendt Demonstration Service
- Fendt Expert Driver Training
- AGCO Finance - Financing and Leasing Offers
- Fendt Care - Maintenance and warranty extension
- Fendt Certified – Used machine programme



+44 330 123 9909

You can reach the certified service partners around the clock via the Emergency Hotline.

Fendt Certified / Fendt Care.

Ensure the operation of tomorrow today.

Fendt Demonstration Service

- Get on and try it out, instead of just talking about it
- Basis for an optimal decision-making process

Fendt Expert Driver Training

- Exclusive practical training with professional trainers
- Optimization of efficiency by learning all of the functions and exploiting the entire performance potential of the Fendt machine.

Individual financing and leasing models.

- Credit financing by AGCO Finance with attractive conditions and flexible terms
- Tailored leasing offers via the Fendt sales partner

Fendt Certified – Used machine programme

Used agricultural machines with proven high-quality and certified Fendt quality

Advantages:

- Certification according to demanding quality standards
- Extensive initial check (technology, wear, appearance)
- Meticulous maintenance of wearing parts
- replacement, cleaning and painting of components as needed
- one year warranty (can be extended)

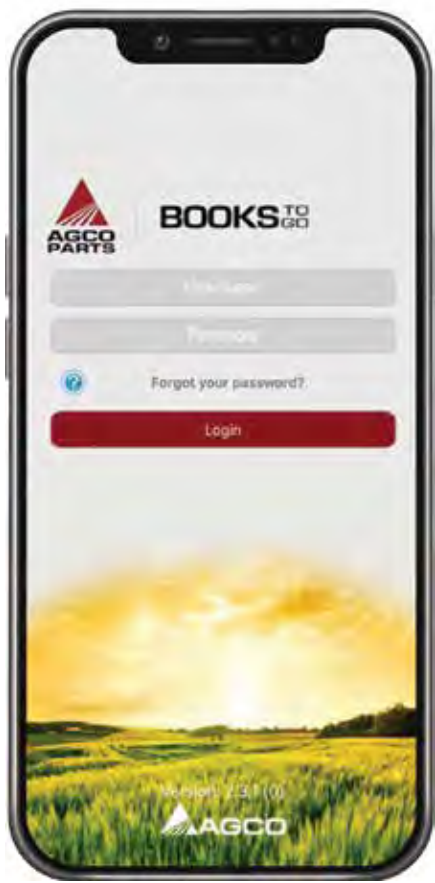
Fendt Care - Maintenance and warranty extension

- Tailored maintenance and repair service that goes beyond the legal warranty
- Flexible run-times
- Flexible rates with and without deductible
- Only original parts used with guaranteed production quality and tested for functional reliability for optimal value retention of the Fendt machine.

Cost control and planning security.

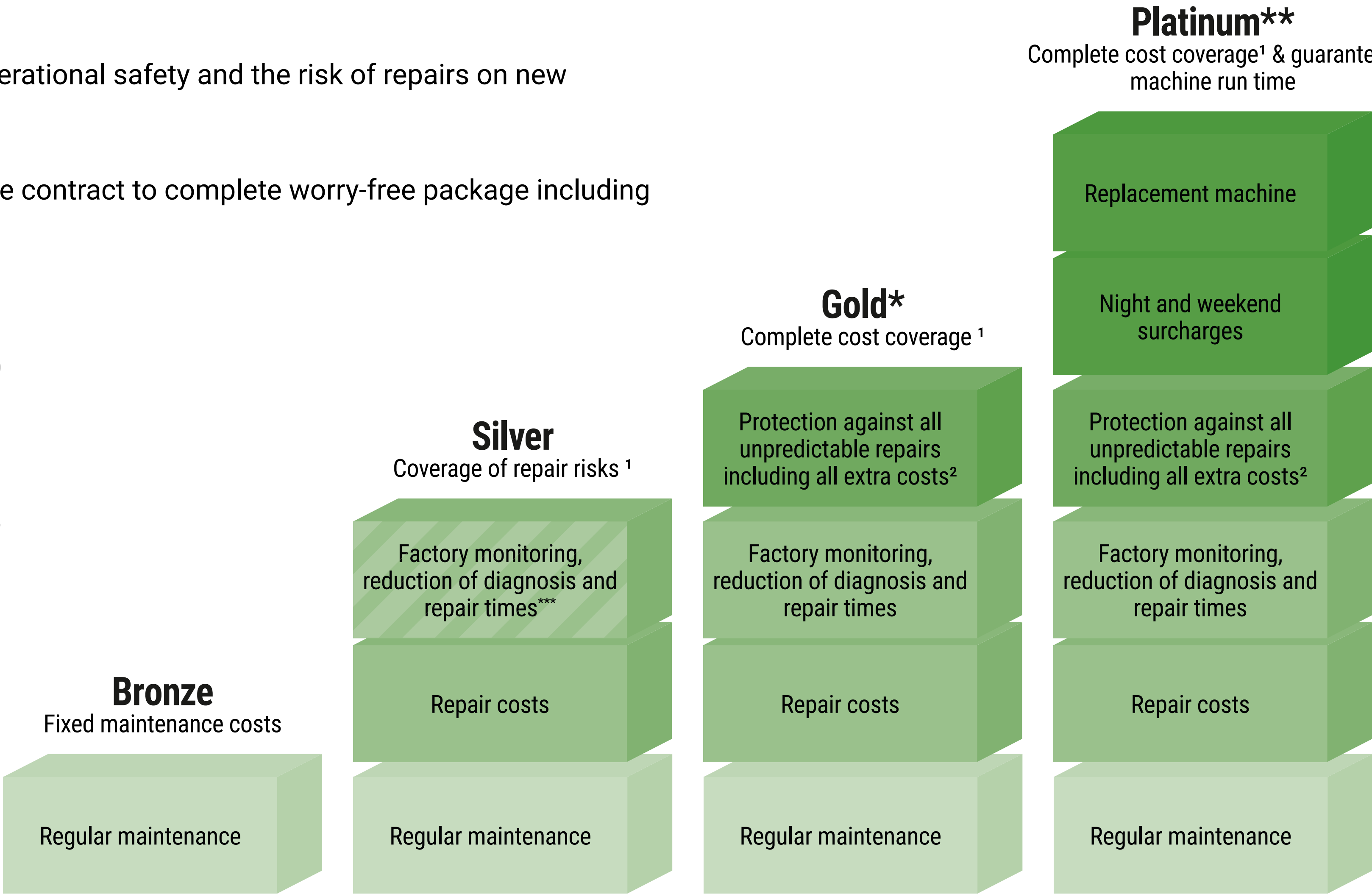
Fendt Care Rates

- Comprehensive range of services to ensure operational safety and the risk of repairs on new machines
- Full cost control with the best service
- Tailored solution for the fleet from maintenance contract to complete worry-free package including replacement machine



Smartphone-App “AGCO Parts Books to go”

- Find replacement parts quickly and order directly
- Download via the App Store or the Google Play Store
- Access data via the Fendt sales partner



	Bronze	Silver	Gold*	Platinum**	
		Cost advantages with Fendt Connect (optional)	Only for tractors with Fendt Connect		
Available for	Complete Fendt Portfolio	Complete Fendt Portfolio	Wheeled tractor with Fendt Connect & telescopic handler ⁸	Wheeled tractor with Fendt Connect	
Customer benefit (deductible)		Coverage of large-scale damage ³ (490 €)			
	Operation safety of the machine	Comprehensive coverage at attractive rates (190 €)	Complete coverage with full cost control including all extra costs (0 €)	Complete coverage with full cost control including all extra costs & guaranteed machine run time (0 €)	
		Complete coverage with full cost control (0 €)			
Maximum coverage Warranty extension	 8 Years / 8,000 OH 5 Years / 3,000 OH 5 Years / 5,000 OH 3 Years / 2,000 OH⁴ 3 Years / 4,000 OH⁵ 3 Years / 25,000 Bales⁶ 5 Years / 50,000 Bales 8 Years / 4,000 Pump-H 5 Years / 8,000 OH 5 Years / 750 OH⁷	OH = operating hours; H = hours; ¹ except for wear and tear; ² travel costs, recovery/towing, fault finding with additional diagnosis tools, use of performance test stand, oils and filters, if motor/drive is repaired; ³ only available for self-propelled machines, RG300 & Momentum;⁴only ISOBUS-equipped devices;⁵only PR, VR & XR ;⁶including Rollector;⁷only Momentum 16 & 24;⁸Gold rate for telescopic handler also available without Connect; *Gold rate only available in DE/FR/GB/IT/BG/CZ/EE/HR/HU/LT/FI/LV/MD/RO/RS/SE/SI/SK/UA/AT/LU/NL/CH/BE/BY/NO/PL/DK; **Platinum only available in DE, EN, FR; ***optional with Fendt Connect			