

# Technical data

<b>Engine</b>	Mercedes Benz OM 470 LA stage V
Cylinder	R-6
Piston displacement	10.7 l
Rated engine speed	1,700 rpm
Rated power at 1,700 rpm	320 kW/435 PS
max. torque at engine speed 1,200 rpm	2,100 Nm
	Automatically reversible fan
Fuel tank capacity	approx. 640 l
AdBlue tank capacity	approx. 95 l

<b>Travel drive</b>	
Hydrostatic travel drive	HOLMER DynaProtect stepless 0-40 km/h
Final speed	40 km/h at street drive
All-wheel drive	permanent

<b>Axles</b>	2 planetary steering axles incl. axle drive
Differential locks	Front & rear axle pneumatically switchable
Axle suspension with integrated slope compensators	Independently suspended front axle beam: Hydraulic suspension incl. level control Hydraulic support for side slope stability

<b>Chassis</b>	
Steering modes	All-wheel steering, four-wheel steering, crab steering

<b>Tyres</b>	
	Ultraflex tyre technology VF 900/60 R 38 CFO+ 193 A8 TL CerexBib2
	VF 580/85 R 42 CFO+ 183 A 8 TL CerexBib2 (outer width 2.55 m)
	Tyres for row distance 75 cm (track width 2.25) VF 580/85 R42 CFO+ 183 A8 TL
	CerexBib IF 1000/55 R32 CFO 188 A8 TL (outer width 3.30 m)

<b>Brakes</b>	
Service brake	Hydraulic disk brake
Parking brake	Spring-loaded multi disk brake

<b>Hydraulic system</b>	
Hydraulic tank capacity	170 l
Load-sensing max. delivery rate	357 l/min

<b>Power hydraulics (Depending on equipment)</b>	
Variable pump (slurry superstructure)	Danfoss H1 P 130
max. pressure	350 bar
max. delivery rate at 1,700 rpm	313 l/min

<b>Rear hydraulics</b>	
Category	KAT III
Lifting capacity	70 kN
Functions	Lifting, lowering, loading/unloading, hydraulically pivotable on both sides

Rear connectors	3 double-acting control units with floating position Time and volume control
External actuation	Rear button
Interfaces	ISOBUS Interfaces Signal socket with speed signal and linkage position
Power supply	24 V alternator 150 A 12 V alternator 70 A

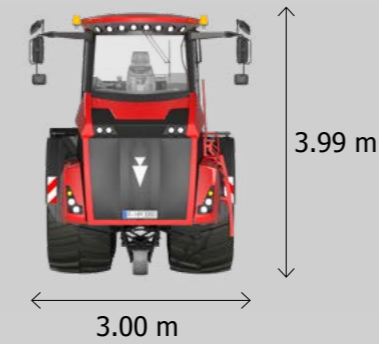
<b>Cabin</b>	
	Panorama glazing and hinged window Hydrodynamic cabin suspension Automatic climate control Stereo CD radio with Bluetooth hands-free system and DAB+ Three-point mount control element Hydraulic pivot for servicing GRAMMER active seat
Intuitive operating concept HOLMER SmartDrive	12.1" touchscreen terminal HOLMER EasyTouch Multifunctional arm rest with joystick, jog-dial for shortcut keys Integrated operating of three-point mount functions integration of the control of the slurry technique into the HOLMER EasyTouch

<b>Illumination</b>	
Headlights	2 x dipped-beam lights LED (1,950 lm) with angel eyes 2 x high-beam headlights LED (1,950 lm) with angel eyes
Work lights	4 x LED (3.400 lm) bonnet 4 x LED (2.500 lm) cabin roof, front, close-range 2 x LED (2.500 lm) cabin roof, rear 4 x LED (3.400 lm) cabin roof, front, distance-range 2 x LED (3.000 lm) mudguard, front

<b>Central lubrication system</b>	BEKA-MAX, electronically controlled intermittent lubrication and manual operation adjustable via HOLMER EasyTouch
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<b>Dimensions</b>	
Total length with three-point mount	9.67 m
Width	3.00 m bei 900/60 R 38
Height	3.99 m
Ground clearance	4.26 m
Smallest turning circle	6.80 m

<b>Optional equipment:</b>	
	2 x LED (3.400 lm) cabin roof, sideways 2 x LED (3.000 lm) mudguard, rear Reverse camera for superstructure Compressed air brake for coupled devices HOLMER TerraControl light headland management Portable cool box



# Technical data Slurry technology



<b>ZUNHAMMER Gülletechnik equipment</b>	
Superstructure	Permanently mounted tank with 16 m <sup>3</sup> capacity Lightweight GFK tank with outlet sump 2 transverse baffle boards with overflow Visual and analogue fill-level display
Slurry computer controls	Slurry computer integrated into HOLMER EasyTouch terminal ISOBUS interface for task controller with job management Automatic speed regulation for suction Memory function for performance values Integrated operating concept with joystick
Suction system	Sideways docking system DN 250 Length 5.70 m reach 158° pivot to the side, hydraulically folding Integrated folding mechanism Automatic shut-off of the filling process Pneumatic valves for suction pipe emptying Oversuction procedure when stationary 800 rpm
Line system	Suction lines: NW 250 mm (10") Pressure lines: NW 200 mm (8") Feeder DN 250 (10") hydraulically controlled, lateral Three-way valve DN 200 (8") hydraulically controlled Suction connection DN 150 (on the right side) with shut-off valve
Illumination	4 x LED (2,500 lm) on light hoists, rear 1 x LED (2,500 lm) suction pipe
Camera	Reverse camera on superstructure
<b>Slurry pump</b>	Reversible rotary piston pump, emptying of tank via suction pipe possible
Type	VOGELSANG VX 186-368 QD Quick-Service design with HiFlo® pistons
Pump output	max. 9,000 l/min stepless regulated
Drive	Hydrostatic; hydraulic engine mounted directly to the pump
<b>Cutting unit</b>	
Type	Vogelsang RotaCut® MXL 10000
Flow-through volume	max. 10,000 l/min
Drive	hydraulic
Chopping technology	Interchangeable cutting blades made of cutlery steel ACC-Automatic Cut Control for consistent pressure from the cutting blade Adjustable pressure Auto-reverse function with automatic rotation direction change Partical separator with hydraulic rock-catcher feeder
<b>Optional equipment</b>	
	Suction connection NW 150 right side with shut-off valve Dosing unit for nitrification inhibitor VAN control for nutrient-controlled slurry injection

Subject to changes for the purpose of technical progress; approved by TÜV and the employer's liability insurance association; meets the CE requirements.