

Technical data

Engine	Mercedes Benz OM 473 LA Tier 4f
Cylinder	R-6
Piston displacement	15.6 l
Rated engine speed	1,800 rpm
Rated power at 1,800 rpm	430 kW/585 PS
max. torque at engine speed 1,300 rpm	2,750 Nm
	Automatically reversible fan
Fuel tank capacity	approx. 720 l
AdBlue tank capacity	approx. 95 l

Travel drive	
Power shift transmission	FUNK DF 500; 18 forward gears, 6 reverse gears
Final speed	40 km/h
All-wheel drive	permanent

Axles	2 planetary steering axles
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

Chassis	
Steering modes	All-wheel steering, four-wheel steering, crab steering

Tyres	
	Terra tyres 1050/50 R 32 184 A8 MegaXBib T2 low-profile (outer width 3.00 m) CerexBib IF 1000/55 R 32 CFO (outer width 3.00 m) 1250/50 R 32 SFT (outer width 3.30 m) 800/65 R 32 (outer width 2.55 m)

Brakes	
Service brake	Hydraulic disk brake
Parking brake	Spring-loaded multi disk brake

Hydraulic system	
Hydraulic tank capacity	130 l
Load-sensing max. delivery rate	190 l/min
Power-Beyond connector max delivery rate	190 l/min

Power hydraulics (Depending on equipment)	
Variable pump (slurry superstructure)	Sauer Danfoss H1 P 165
max. pressure	420 bar
max. delivery rate at 1,800 rpm	297 l/min
Variable pump	LINDE HPV 280-02 RE1
max. pressure	420 bar
max. delivery rate at 1,800 rpm	500 l/min
max. hydraulic power	approx. 350 kW

Rear hydraulics	
Category	KAT IV
Lifting capacity	80 kN
Functions	Lifting, lowering, loading/unloading, hydraulically pivotable on both sides

BUCHER BHR control hydraulics	Traction control, position control, mixing control Vibration absorption
Rear connectors	5 double-acting control units with floating position Time and volume control
External actuation	Rear button
Interfaces	Interfaces Signal socket with speed signal and linkage position
Power supply	24 V alternator 150 A 12 V alternator 150 A

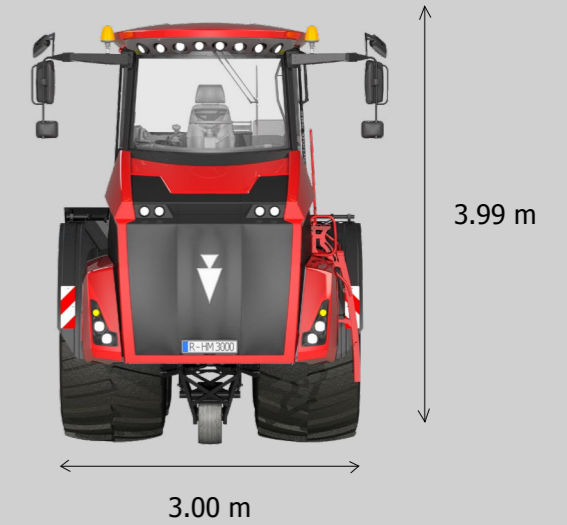
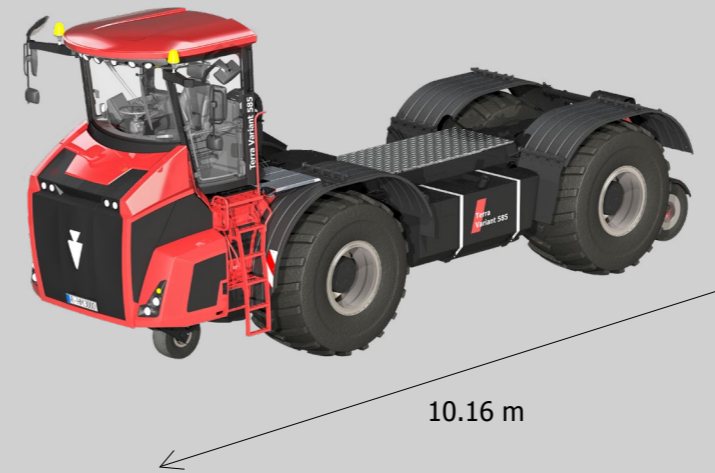
Cabin	
	Panorama glazing and hinged window Hydrodynamic cabin suspension Automatic climate control Stereo CD radio BHR control element Hydraulic pivot for servicing
Innovative operating concept HOLMER SmartDrive	12.1" touchscreen terminal HOLMER EasyTouch Multifunctional arm rest with joystick, jog-dial for shortcut keys Integrated operating of three-point mount functions

Illumination	
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

Coupling (optional)	
Drawbar	Ø 38 and 50 mm
Ball head	Ø 80 mm

Dimensions	
Total length with three-point mount	10.16 m
Width	3.00 m at 1050/50 R32
Height	3.99 m
Ground clearance	4.76 m
Smallest turning radius	5.50 m

Optional equipment:	
	2 x LED (3.400 lm) cabin roof, sideways Reverse camera for superstructure Central lubrication system Compressed air brake for coupled devices GRAMMER active seat HOLMER TerraControl headland management Twin tyres for row distance 75 cm: VF 380/90 R 46 MICHELIN Spraybib 173 D TL Preparation Reichhardt Ready Preparation Trimble Ready® Stereo CD radio with Bluetooth hands-free system and DAB+ Portable cool box



Technical data Field logistics

Technical data Multi bunker MB35:

Volume	35 m ³ (can be extended to 40 m ³)
Conveyors	2 longitudinal scraper floors, each divided into two Cross scraper floor, divided into two Closed XL unloading belt
Drives	2 spur gears per cross and longitudinal scraper floor Dismountable, forged scraper floor chain system
Structure emptying	approx. 60 sec beet / approx. 120 sec corn
Also available as beet tank RB 35 Maintenance and cleaning flaps on all important assemblies	



Technical Data for grain bunker GB25:

Volume	25 m ³
Conveyors	2 longitudinal augers Cross auger Elevator Unloading auger
Unloading auger diameter	550 mm
Drives	Powerful hydraulic engines on all conveyors
Structure emptying	approx. 120 sec
Maintenance and cleaning flaps on all important assemblies	

Technical data VTU 19:

Volume	19 m ³ (2 x 9.5 m ³)
Conveyors	2 radial blowers 4 rotary valves
Conveyor pipe	2 x 2 pieces
Diameter	125 mm
Illumination	4 LED headlights
Cover	Hydraulic roller tarpaulin
Maintenance and cleaning flaps on all important assemblies	



Technical data Universal spreader

Annaburger spreader	
Superstructure	Covered side walls, wear-resistant from S 700 MC
Illumination	4x LED 1.800 lumens
Camera	Reverse camera on superstructure
Loader dimensions	
Loading height	approx. 3.60 m
Length	6.80 m
Width	2.32 m
Height	1.10 m
Effective volume	17.4 m ³
Scraper floor	
	Screwed scraper bars in lime Double row with centre gear hydraulically powered reversible Breaking load 230 kN/chain Total breaking load 920 kN
Scraper chain	Flat link chain C10V
Scraper floor speed	Low elongation: ~ 1 mm / chain link (10,000 rounds at 50% maximum operating load) 0.1 - 3.3 m/min Fast unloading approx. 6 m/min
Chain tensioner	hydraulic
Cover for scratch floor return	with PE panels
Spreading system	
Spreading system outlet (WxH)	2.30 x 1.32 m Digital display of opening height Milling rollers Ø 530 mm 2 pieces horizontal screwed tines Drive via angular gear and joint shafts
Spreading disk	Ø 1.13 m 2 pieces, work angle 5° 6 adjustable throwers, secured by shear bolts separate protection via cam clutch
Optional equipment	
	Side panel extension 400 mm; loading height approx. 4.00 m; effective volume approx. 23.7 m ³ ; for light spreading material Site-specific application incl. GPS receiver

Technical data Slurry technology

ZUNHAMMER Gülletechnik equipment	
Superstructure	Permanently mounted tank with 21 m ³ capacity Lightweight GFK tank with outlet sump; corrosion-resistant 3 transverse baffle boards with overflow Visual and analogue fill-level display Superstructure can be hydraulically tipped for maintenance work Hotdip galvanised support frame
Tank volume	21 m ³
Slurry computer controls	ISOBUS-Terminal WTK Field-Operator 300 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 850 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, lateral 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
Slurry pump	
Type	Reversible rotary piston pump, emptying of tank via suction pipe possible VOGELSANG VX 186-368 QD Quick-Service design with HiFlo® pistons
Pump output	Delivery rate
Drive	Hydrostatic; hydraulic engine mounted directly to the pump, 2-level
Cutting unit	
Type	VOGELSANG RotaCut® RCX-58 H
Flow-through volume	max. 12,000 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
Optional equipment	
	(alternative): Rotary piston pump VOGELSANG VX 215-320; delivery rate max. 11,800 l/min 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.	