**Technical data**

**Engine**
- Type: Mercedes Benz OM 473 LA Tier 4f
- Cylinders: 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 1,800 rpm: 2,750 Nm
- Automatically reversible fan

**Fuel tank capacity**
- approx. 70 l

**AddBlue tank capacity**
- approx. 95 l

**Travel drive**
- Power-shift transmission: FUNK OF 500
- Final speed: 40 km/h
- All-wheel drive: permanent

**Axles**
- Differential locks: 2 planetary steering axles
- Front & rear axle pneumatically switchable
- Variable pump for slurry superstructure: (Depending on equipment)

**Power hydraulics**
- max. delivery rate: 297 l/min
- max. pressure: 420 bar
- Variable pump: LINDE HPV 280-02 RE1

**Rear hydraulics**
- max. hydraulic power: approx. 350 kW
- Variable pump: Sauer Danfoss H1 P 165

**Rear link capacity**
- approx. 70 l

**AddBlue tank capacity**
- approx. 95 l

**Cabinet**
- Panoramic glazing and hinged window
- Automatic climate control
- Stereo CD radio
- Automatic climate control
- Hydrodynamic cabin suspension
- Panorama glazing and hinged window
- Headlights: 2 x dipped-beam lights
- Front foglights: 2 x high-beam headlights
- 12.1" touchscreen terminal

**Tyres**
- Terra tyres 1050/50 R 32
- Terra tyres 1050/50 R 32 AHS
- MegaXbib T2 low-profile
- CerexBib IF 1000/55 R 32 CFO
- Terra tyres 1050/50 R 32 184 A8
- Crab steering

**Brake**
- Service brake: Hydraulic disk brake
- Parking brake: Spring-loaded multi disk brake

**Hydraulic system**
- Hydraulic tank capacity: 130 l
- Power-Beyond connector: 190 l/min
- max. delivery rate: 190 l/min
- Power hydraulics: (depending on equipment)

**Variable pump (dryer superstructure)**
- Sauer Danfoss H1 P 165
- max. pressure: 420 bar
- max. delivery rate at 1,800 rpm: 287 l/min

**Variable pump LINDE HPV 260-02 RE1**
- max. pressure: 420 bar
- max. delivery rate at 1,800 rpm: 500 l/min
- max. hydraulic power: approx. 350 kW

**Coupling (optional)**
- Diameter: Ø 38 and 50 mm
- Ball head: Ø 80 mm

**Dimensions**
- Total length with three-point mount: 10.16 m
- Width: 3.00 m
- 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
- 2 rotary valves
- 3 double-acting control units with floating position
- Time and volume control
- Interface signal socket with speed signal and linkage position
- Power supply: 24 V alternator 150 A

**Rear connectors**
- 5 double-acting control units with floating position
- Time and volume control
- Interface signal socket with speed signal and linkage position
- Power supply: 24 V alternator 150 A

**Field logistics**

**Technical data Multi bunker MB35:**
- Volume: 35 m³ (can be extended to 40 m³)
- Conveyors: 2 longitudinal scraper floors, each divided into two
- Cross scraper floor divided into two
- Closed XL unloading belt
- Drives: 3 spur gears per cross and longitudinal scraper floor
- Removable, 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 m³
- Conveyors: 2 longitudinal augers
- Cross auger
- Elevator
- 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 m³ (2 x 9.5 m³)
- 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 m³

**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
- Low elongation: ~ 1 mm / chain link (10,000 rounds at 50% maximum operating load)

**Scraper floor speed**
- 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 90°
- 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 m³; for light spreading material
- Site-specific application incl. GPS receiver

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Technical data Slurry technology

**ZUNHAMMER Gülletechnik equipment**

**Superstructure**
- Permanently mounted tank with 21 m³ capacity
- Lightweight GRP 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
- Hot dip galvanized support frame

**Tank volume**
- 21 m³

**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
- 180° pivot to the side, hydraulically folding
- Integrated folding mechanism
- Automatic shut-off of the filling process
- Pneumatic valves for suction pipe emptying
- Over suction 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**
- 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**
- Delivery rate

**Drive**
- Hydrostatic; hydraulic engine mounted directly to the pump, 2-level

**Cutting unit**
- Type: VOGELSANG RotaCut® RCK-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
- Particulate separator with hydraulic roc-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.