## Technical data

Engine	Mercedes Benz OM 936 LA Stage V incl. AdBlue and SCR-Cat and DPF		
Cylinder			
Cylinder  Distant displacement	R-6, Twin-Turbo		
Piston displacement			
Rated engine speed	1,800 rpm		
Rated power at 1,800 rpm	280 kW/381 PS		
max. torque at engine speed 1,200 rpm	1,550 Nm		
	automatic, hydraulic fan reversing		
Fuel tank capacity	approx. 1,400 l		
AdBlue tank capacity	approx. 95 l		
Propulsion			
Hydrostatic propulsion	LINDE		
,	ROEGELBERG 3-speed transfer		
	gearbox Crawl gear can be switched		
	separately		
Driving speeds	Crawl speed 0 - 1 m/min, continuously		
	variable incl. torque-dependent charge		
	feed control		
	1st Gear: 0 to 16 km/h, continuously		
	variable		
	2nd Gear: 0 to 40 km/h, continuously		
	variable (depending on country-specific		
	formalities)		
	automotive driving mode incl. and		
All-wheel drive	automatic speed reduction		
All-wheel drive	permanently in loading mode		
	can be switched manually in the road travel gear		
	traver gear		
Axles	2 planetary steering axles driven by		
	drive shaft		
Differential locks	Front & rear axle, pneumatically		
	separated, shiftable with automatic		
	operation automatic switch-off during		
	road driving		
Axle support	hydraulically pre-loaded support cylin-		
	ders on the rear axle pendulum-sprung rear axle		
	real axie		
Chassis			
Steering modes	Front axle steering, rear axle steering,		
	all-wheel steering pre-selectable steer-		
	ing combinations including automatic		
	centre position rear axle spring-mount-		
	ed, comfortable chassis (3 <sup>rd</sup> and 4 <sup>th</sup>		
	axle) for road driving, height-adjusta-		
	ble for driving over fields		
Tyres			
	MICHELIN MegaXBIB 710/75 R 34		
Brakes			
Service brake	hydraulic drum brake on both axles		
Parking brake	Spring-loaded parking brake		
Hadaaalla aasta			
Hydraulic system	100		
Hydraulic tank capacity	180 l		
	Pump distributor gears including pres-		
Load concing drive hydraulice	sure circulation lubrication		
Load-sensing drive hydraulics max. delivery rate	162 l/min		
max. delivery rate	BOSCH-REXROTH for cylinder functions		
	including simultaneous control		
Pick-up and post-cleaning	4 x closed hydraulic circuits		
sp and post dearing	4 x axial piston pumps (BOSCH-REX-		
	ROTH)		

HOLMER EcoPower engine management system	
	Loading at low engine speed 1,150 rpm through optimum gear transfer load-shifting lamellar clutches for decoupling pump lines during road driving
Power supply	24 V alternator 150 A central, modular structure of the on-board electronics in circuit board construction water-resistant and vibration-resistant incl. plug systems with secondary locking 1 x central computer and interchangeable expansion modules 2 x 12 V sockets (cab) 1 x 24 V sockets (engine area) 2 x 12 and 24 V fixed connection (for radio equipment, etc.)
Panorama cab	
Innovative operating concept HOLMER SmartDrive	3.5 m³ space Soundproofing 360° visibility, panorama glazing and adjustable side windows can be hydraulically elevated to 5.10 m and moved back by 1.24 m Climate control and auxiliary heating 5 x windscreen wipers on front, side and rear windows and the door, including interval and wash function Stereo DAB radio with Bluetooth hands-free system GRAMMER swivel seat with seat heating and pneumatic lock at the push of a button Sun blinds spacious refrigeration compartment and storage compartments for folders 12.1 inch HOLMER EasyTouch touchscreen terminal 2 x ergonomic joysticks with integrated mini joysticks for constantly used functions Settings of all units can be operated and stored using softkeys Quick selection function Cleaning intensity via freely assignable softkeys
	Fault memory function and diagnostics menu including export via USB interface
Illumination	
Headlights	2 x dipped-beam headlights LED (1,950 lm) 2 x high-beam headlights LED (1,950 lm) 2 x rear lights in full-LED technology and dynamic indicators
Work lights	14 x LED (2.500 lm) cab, all-round 10 x LED (1.800 lm) cleaning unit, transfer loader 3 x all-round lights energy-saving LED engine compartment lighting
Camera system	4 camera series Depth guiding, post-cleaning, transfer loading and reversing camera, Screen layout: 1, 3 and 4-fold monitor mounted on the swivel seat
Controlled behalvestor	DEKA MAY olootus isalla santalla d
Centralised lubrication	BEKA-MAX electronically controlled Intermittent lubrication and manual actuation can be set over the terminal



In-feed conveyor

Post-cleaners

900 mm wide, Partition 50 mm

and dirt flaps

double-coating

Filter belt (series),

partitioning

1,100 mm wide

1,100 mm wide

1,100 mm wide Beet brake (optional)

resistant, soft PU drivers, incl. stone

Cleaning function with doubling of the belt speed in very sticky soils In-feed conveyor channel with PU plates for wear protection

8 x post-cleaning rollers with special

Drop steps 680 to 780 mm (In-feed conveyor on post-cleaner) Drop steps 640 to 720 mm (Post-cleaner on transfer loader)

900 mm wide including 50 mm

HOLMER Cleaner (optional),

HOLMER VarioCleaner (optional),

HOLMER CrossRoller flex (optional),



Pick-up	VarioPick from HOLMER patented Width 9.72 m (inside) 3 independently adjustable roller types automatic and manual reversing function Frost breaker	Transfer loading arm	Belt width 800 mm Loading height over 6.00 m Loading width max. 15.00 m Lightweight construction with high-strength PE wear plates can be swivelled to the right or left by up to
Angle	Adjustable from 17° to 22°		332° swivel angle
Rollers  4 pick-up rollers (Finger and transfer rollers) 6 pre-cleaning rollers (Distribution rollers) 8 main cleaning rollers (Pinch and gathering rollers) 140 mm diameter Coil diameter 20 mm made of special wear-resistant material in the conveying direction, special rein-	(Finger and transfer rollers) 6 pre-cleaning rollers (Distribution rollers)	Counterweight arm	integrated foldable diesel tank max. 2,870 kg (full diesel tank) with shift in centre of gravity up to 19%
	Automatic fold system	automatic folding of the pick-up, cab, transfer loading arm, incl. swinging out and unfolding of counterweight arm  Working position or road driving at the push of a button, pre-selectable right or left	
	forcement on the coils of the gathering		
	rollers, max. 3-ply as standard, up to 4 hard welds be- tween the coils integrated bearing on the continuous	Cleaning path	min. 24.4 m to max. 32.5 m
		Cleaning area	max. 31.3 m <sup>2</sup> Automatic shutdown strategies for reversing, pick-up and post-cleaning
	gathering roller tube without incline		
Pointed tip	incl. carbide plate at the end of the coils  Automatic speed adjustment with the transfer loader, slow, interchangeable tip and two-piece hood	Weighting system (optional)	Belt scale from Pfreundt with 2 load cells on the transfer loader and menu control in the terminal, weighing rollers at the straight kink part optional: data interface
co ble pro	Telescopic tube including pendulum compensation and automatically foldable headlights proportional control via mini joystick Automatic residual beet including offset	HOLMER DynaFill (optional)	fully automatic filling from truck patented laser sensor system on the transfer loading arm incl. recognition of the material cone
	function	Water sprinkler system	up to 1,200 l

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Water sprinkler system	up to 1,200 l	
(optional)	4 jets in pick-up	
	6 jets in post-cleaner	
	Continuous and interval operation	
	pressure-dependent control	
	separate pre-selection of the sprinkling and	
	break times	
	Switch right/left	
	Filter	

	cone	
Water sprinkler system (optional)	up to 1,200 l 4 jets in pick-up 6 jets in post-cleaner Continuous and interval operation pressure-dependent control separate pre-selection of the sprinkling and break times Switch right/left Filter	
Dimensions and weight		
Total length	14.8 m	
Width	3.00 m at 710/75 R 34	
Height	4.00 m	
Ground clearance	4.80 m	
Optional equipment		
	TopView camera system	
	IF 800/70 R 32 MICHELIN 182 A8 TL CerexBib (outer width 3.27 m)	
	HOLMER EasyHelp 4.0 telemetry system	
	Bunker pick-up	
	Pile divider; pick-up width: 3.70 m	
Subject to modifications for technical progress; approved by $T\ddot{U}V$ and the trade association; in accordance with the CE regulations.		

Machine equipment depending on country-specific formalities.