

## DIMENSIONS

LENGTH

13.35 m

WIDTH

3.00 m

HEIGHT

4.00 m

UNLADEN WEIGHT

from 23,500 kg depending on equipment

## DIESEL ENGINE

ENGINE

Mercedes Benz OM 926 LA 6-cylinder inline engine

EXHAUST GAS STANDARD

EURO-MOTIIIa

DISPLACEMENT

7,201 cm<sup>3</sup>

220 kW (299 hp) at 2200 rpm, max. torque 1200 Nm at 1300-1600 rpm

FUEL TANK

1,340 l

FEATURES

fully electronic engine control unit with fuel consumption evaluation in terminal

automatically reversing hydrostatic fan drive controlled depending on ambient temperature

flat-belt drive with automatic belt tensioner

## TRACTION DRIVE

### DRIVING SPEED

0 - 20 km/h

optional 25 km/h

### FEATURES

stepless hydrostatic drive with 4-gear transmission

2 separately actuated differential locks

cruise control

automotive driving on the road

feed control by electronic actuation in crawler gear

## STEERING

### FEATURES

front axle steering

rear axle steering

all-wheel steering

U-turn steer

automatic centring with display on terminal

### STEERING ANGLE

front 30°

rear 32°

### TURNING RADIUS

8.30 m inner diameter

# CABIN

## DRIVER'S POSITION

automatic climate control  
rotatable and air-spring-mounted comfort seat with seat rotation brake  
MP3-CD radio with audio system  
60 litre storage compartment in rear wall of cabin

## OPERATION

operating console at rotatable seat with integrated colour terminal  
function keys and rotary selection switch  
2 proportionally controlled multifunction joysticks  
engine monitoring on terminal

## WINDOW WIPERS

Window wipers front, left, right and rear

## FEATURES

sound-insulated cabin with all-round vision through tinted windows and low horizon

# PICKUP SYSTEM

## PICKUP WIDTH

max. 8.70 m

## PICKUP

patented ROPA roller pickup  
18 rollers with speed control and automatic reversing

## 1. PICKUP

2 finger rollers work the soil to a depth of 7 cm  
2 cleaner rollers

## 2. OUTWARD FLOW

4 conveyor rollers transport outward  
2 conical rollers  
divide the beet flow

## 3. INWARD FLOW

8 counter-rotating pinch rollers guide inward  
double cleaning path

## CENTRAL MARK

Eccentric drive in central mark

## RESIDUAL BEET PICKUP

telescoping and proportionally controlled residual beet pickup

## CAMERA

Colour camera and LCD colour monitor for monitoring pickup depth

# CLEANING

## STANDARD

90 cm wide 40 mm or 50 mm pitch

## INFEEED CONVEYOR

80 cm wide, 50 mm pitch with new moulded PU fingers and soil deflectors  
double profile belts

## CLEANING AREA

total 28.64 m<sup>2</sup>

## CAPACITY

up to 550 t per hour loading time

## OPTIONAL EQUIPMENT

Pinch roller cleaning with 8 counter-rotating rollers, 125 cm wide

Cleaning area 29.48 m<sup>2</sup>

## TRUCK CONVEYOR

### OVERLOADING HEIGHT

up to 6.00 m

### OVERLOADING WIDTH

11.50 m standard truck conveyor

12.70 optional extended truck conveyor

## ELECTRICAL SYSTEM

### FEATURES

24 V

2 alternators each 100 A

12 V outlet

2 x 24 V outlets

## ROAD TRAVEL

## SWITCH TO OPERATING POSITION

The switch-over from road driving to working mode takes approx. 2 mins.

## TYRES

710-75 R34, Load Index 178 A8  
3rd axle (required in Germany) 235/75 R 17.5

## EQUIPMENT

### STANDARD

central lubricating system  
Residual beet pickup  
automatic climate control  
tool kit

### ADDITIONAL EQUIPMENT:

Pinch roller cleaning with 8 counter-rotating rollers  
13 m truck conveyor, park heating  
25 km/h version, 3rd axle (required in Germany)  
truck conveyor camera  
Data export to USB stick  
Weighing device,  
integrated GIS interface  
RABS system integrated in terminal for transport logistics  
with transponder  
transfer shafts in pickup