



BRODD EUROPA®

Technical data

2 wheel truck-trailer elevator sweeper which loads the dirt directly onto the platform-body of a truck.

Engine:	Perkins 1104D-E44T, 4-cylinder diesel, 74,5 kW (99,5 hp) at 2.200 rpm EU Stage 3 certified.	
Air filter:	Oil-bath filter with cyclone pre-cleaner	
Engine stop:	Automatic by too high water temperature	
Oil cooler:	Combined water/oil cooler	
Tyres:	385/65 x 22,5"	
Wheel axle:	Air brake system 80 km/h, parking brake	
Suspension:	Air suspension with height adjustment	
Draw bar:	Fix with Rockinger 40 mm towing eyelet, adjustable in height	
Feeding screw:	Hydraulic drive	
Elevator:	Rubber rakes easily replaceable mounted on 2 rubber belts	
Conveyor:	Endless rubber belt. Remote controlled variable speed on conveyor	
Brush suspension:	Automatically floating broom suspensions	
Hydraulics:	Sauer-Danfoss hydraulic motors Hydraulic pump - 110 l/min, hydraulic oil capacity - 200 litres Automatic engine stop by hydraulic oil loss Oil cooler for Middle East conditions	
Remote control:	Electric from driver's cab	
Water tank:	Capacity 1.500 l	
Water pump:	Hydraulically driven membrane pump, capacity maximum 26 l/min	
Fuel tank:	Capacity 200 l	
Safety:	Conforms to safety norms EN ISO 12100-1:2005, EN ISO 12100-2:2005, EN 982+A1:2008	
Sweeping speed:	1-25 km/h	
Transport speed:	admissible 80 km/h	
Dimensions:	Sweeping width - adjustable	2.500 - 3.000 mm
	Length in all	7.300 mm
	Width (without side brushes)	2.380 mm
	Height	3.350 mm
	Service weight approx.	5.520 kg
	Gross weight admissible	8.100 kg
	Pay load approx.	2.580 kg

Options:

- Breaking-up attachment, right side with hydraulic cylinder for the pressure and up/down
- Additional remote control set for truck
- Third side brush, right side for extension of sweeping width
- Weed brush unit, right side
- Hydraulic high pressure (170 bar) washing unit incl. hose reel with 13 m hose and high pressure gun fittings
- Suction system for collection of fine dust at the roller brush and side brushes according to PM10 standard
- Central lubrication system

Subject to alterations of specifications and equipment details.