



Häggloader

10HR-B



10HR-B with coupling device and water hose reel.

The wheel borne Häggloaders are rubber tyred electro-hydraulic driven, trackless loaders with a back-hoe digging system. Available in two models 7HR-B and 10HR-B.

Technical features

- Hydraulic system powered by electric or diesel engine.
- The electro-hydraulic drive provides low installation and energy costs, and maintains good air quality.
- The diesel-hydraulic drive is used for transportation and can also be used for minor digging work.
- The back-hoe digging system loads the muck onto the conveyor, which then fills the haulage vehicle with a constant flow of muck.
- The dozer blades clean the sole effectively thus eliminating the need of manual clean up.
- The back-hoe system can also be used for lifting and scaling and provides excellent flexibility for up to 6,2 metre tunnel width.
- The conveyor can be raised and lowered to suit the loading height of different haulage vehicles.
- Significantly reduces the number of niches needed and reduces tyre wear.
- A built in sprinkler system controls dust effectively.
- Suitable for use in drifts and tunnel with cross section from 12 m² and upwards.
- The cabin is FOPS II approved and has protective grating.
- As standard the cabin is provided with heater and air condition.
- The machine is operated from an ergonomic chair with joysticks placed on pods.
- The Häggloader is controlled by PLC via a LCD-panel and joysticks.
- The Häggloader is equipped with two cameras, one front and one back, with a monitor in the cabin.
- The chassis and conveyor are made of heavy duty plate joined together with continuous welds for maximum fatigue strength.
- The front and rear axle steering provides excellent agility and the ability to travel sideways in confined spaces.
- The service brake is hydraulic. The Häggloader also has a spring applied hydraulic released parking and emergency brake.

Standard

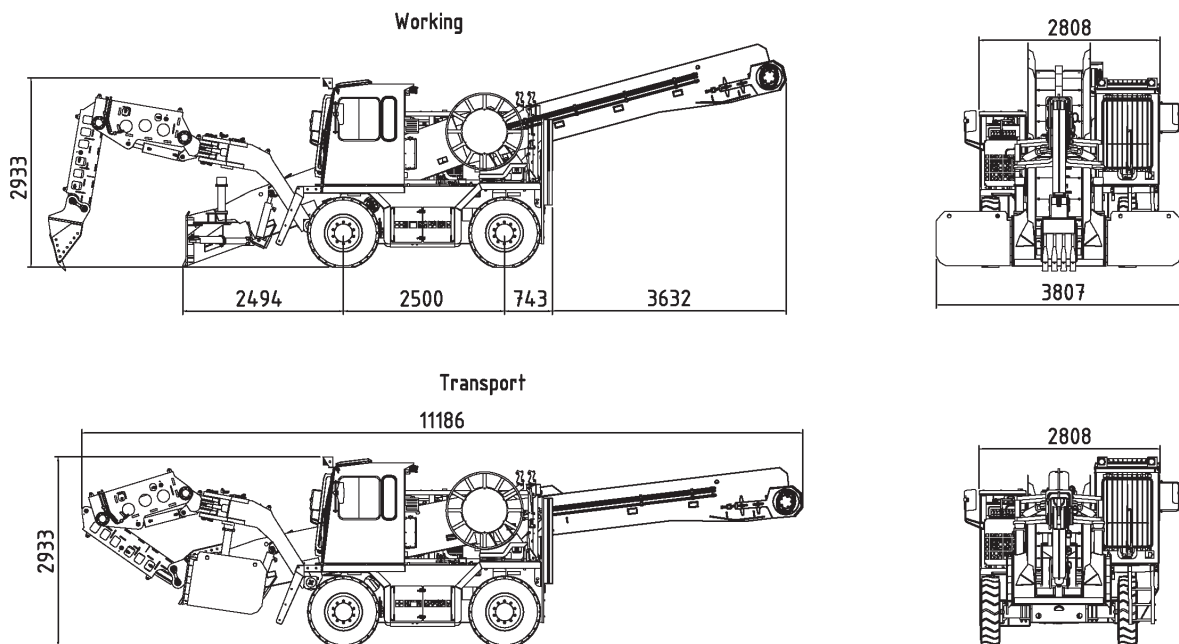
CE mark according to European standards.

Options

- *Extended conveyor + 400 kg*
- *Coupling device*
- *Cable reel*
Length and dimension of cable depends on the voltage chosen. Capacity 100 m at 400V.
- *Dual digging arm system*
- *Quick tool + 90 kg.*
- *Rotator + 90 kg.*
- *Hydraulic hammer SB152, SB302.*

Other options and dimensions on request.

Technical data



Engine

Deutz diesel engine (stage III) including silencer and catalytic purifier. Diesel engine for transport and minor loading.

Type: TCD 2012 LO42V, 100kW @ 2300 rpm.

Standard electric system

Electrical motor	73 kW
Voltage	400-690 V
	1000 V
Battery capacity	2 x 12V - 135Ah
Generator capacity	100A
Lamps	8 x 35W HID

Transmission

Maximum travel speed

Electric	3 km/h
Diesel	12 km/h

Volume data-service

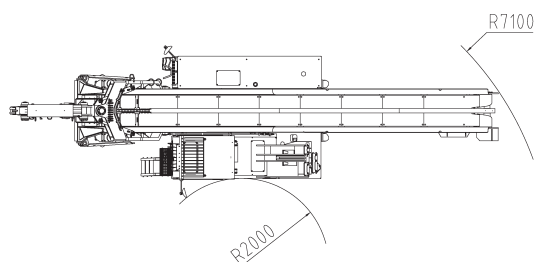
Engine oil volume	11,4 dm ³
Fuel tank	96 dm ³
Hydraulic tank incl. cooler	300 dm ³

Dimensions during transport

Total length	11 186 mm
Width	2 808 mm
Total height	2 933 mm
Weight	19 300 kg

Functional data

Ground clearance (frame)	335 mm
Digging depth below ground level	1 000 mm
Bending force at the bucket tip	50 000 N
Tractive pull (4 wheel drive)	10 500 kp
Steering	4 wheel
Brakes	Hydraulic
Max work gradient (uphill)	1:5 (20%)
Max work gradient (downhill)	1:7 (14%)
Loading capacity	approx. 3 m ³ /min
Digging width	max 6 200 mm
Dozer blades	3 200, 3 800 mm
Tyres	12.00x20"
Wheel base	2 500 mm
Track width	2 130 mm



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