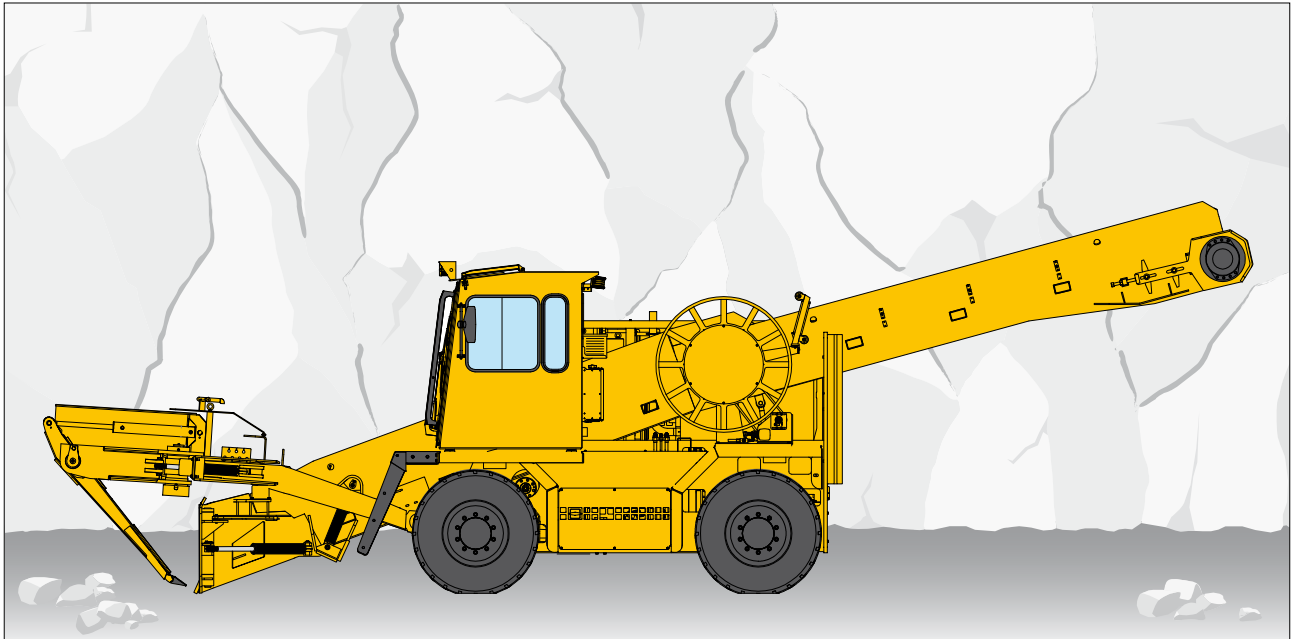


Atlas Copco

Häggloader 10HR

Technical specification



The trackless rubber tyred, electro-hydraulic driven Häggloaders are equipped with a unique dual arm digging system and are available in two models: 7HR and 10HR

Technical features

- Hydraulic system powered by an electric motor or a 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
- A unique digging system loads the muck onto the conveyor, which then fills the haulage vehicle with a constant flow of muck
- The dozer blades effectively clean the floor, thus eliminating the need for manual clean up
- The digging arm system can be used for lifting and can be repaired with standard steel plate
- 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 tunnels with a cross section from 12 m² and upwards
- The cabin is FOPS II approved and has protective grating
- As standard the cabin is provided a heater and an air conditioner
- 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 rear, with a monitor in the cabin
- The chassis and conveyor are made of heavy duty steel plate and use continuous weld processes to ensure maximum fatigue strength
- The front and rear axle, Dana Spicer 213, provides excellent manoeuvrability and the ability to travel sideways in confined spaces
- Service brake: Dana Spicer internal wet discs. The Häggloader also has a spring applied hydraulic released parking and emergency brake, Dana Spicer internal S.A.H.R

» Standard

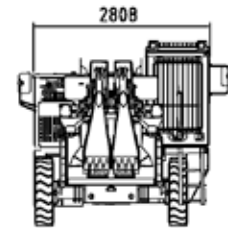
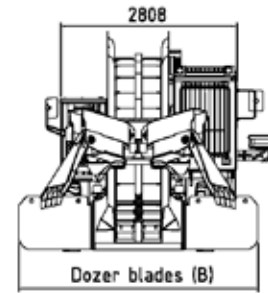
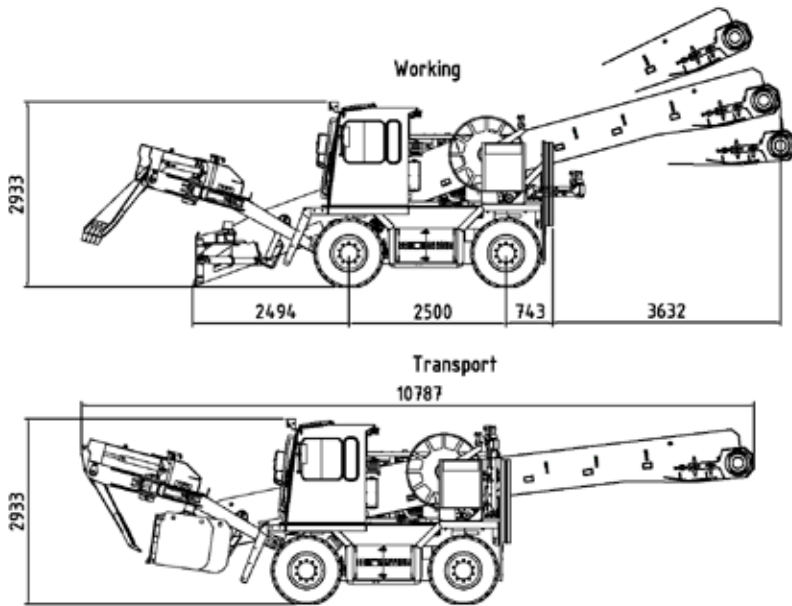
- CE mark according to European standards

» Options

- Extended conveyor + 400 kg
- Back-hoe digging system
- Cable reel
 - Length and dimension of cable depends on the voltage chosen. Capacity 100 m at 400V
- Other options and dimensions on request

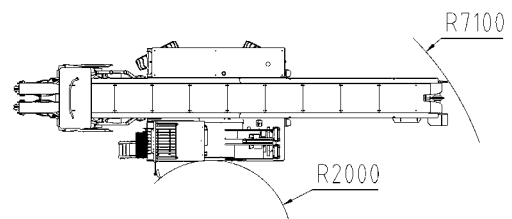
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Technical data



» 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 12 V - 135 Ah |
| Generator capacity | 100 A |
| Lamps | 8 x 35 W HID |

TRANSMISSION

Maximum travel speed

| | |
|----------|---------|
| Electric | 3 km/h |
| Diesel | 12 km/h |

VOLUME DATA-SERVICE

| | |
|---------------------------------|--------|
| Engine oil volume | 11,4 l |
| Fuel tank | 96 l |
| Hydraulic tank including cooler | 300 l |

DIMENSIONS DURING TRANSPORT

| | |
|--------------|-----------|
| Total length | 10 787 mm |
| Width | 2 808 mm |
| Total height | 2 933 mm |
| Weight | 18 500 kg |

FUNCTIONAL DATA

| | |
|----------------------------------|-------------------------|
| Ground clearance (frame) | 350 mm |
| Digging depth below ground level | 300 mm |
| Tractive pull (4 wheel drive) | 10 500 kp |
| Steering | 4 wheel |
| Maximum work gradient (uphill) | 1:5 (20%) |
| Maximum work gradient (downhill) | 1:7 (14%) |
| Loading capacity | 3-4 m ³ /min |
| Digging width | 3 400, 4 000 mm |
| Dozer blades (B) | 3 200, 3 800 mm |
| Tyres | 12.00x20" |
| Wheel base | 2 500 mm |
| Track width | 2 130 mm |