



DISAB DISA-RAIL 1700

Usage

DISA-RAIL 1700 is a unique, powerful vacuum, specially designed for rail maintenance. It is used to dig, clear cable conduits, extract wet matter from wells, remove dust in tunnel construction and more.

The vacuum nozzle and hose are held and handled smoothly with the excavator grapple or with a tool bracket (optional). This precision simplifies the entire work of the contractor while avoiding cable damage.

Characteristics

Multi Purpose Chassi (MPC 30) är en vagn från ECORAIL med hög flexibilitet och lastkapacitet. Vagnen möjliggör en snabb och enkel förflyttning på och av spåren närmare arbetsplatsen, detta tack vare ramstyrning och hydrauliska rälshjul – en funktion som sparar mycket tid och pengar.

The DISA-RAIL 1700 can be equipped with alternative hose connections such as extension hoses, manifolds with smaller vacuum connections or a pipe connection with rubber nozzle, for simplicity and more specific application.

Benefits

With DISA-RAIL 1700, we minimize rail maintenance time and make more room for trains. The vacuum is easily mounted with quick couplers on an ECORAIL rail trailer chassis (MPC 30) and can thus be transported by both road and rail. It can also handle various rail widths.

Other benefits include:

- Designed for railway maintenance.
- Easy movement on the track, alongside the track and on public roads.
- Powerful vacuum unit for digging, cleaning, vacuuming dust and larger masses.
- Ergonomically designed for a better working environment.

Technical Data Chart for DISAB DISA-RAIL 1700

Description

Vacuum pump	Three-Lobe Roots Pump	Max vacuum, mbar	450
Air volume m ³ /h (unloaded)	11.500	Electrical motor, kW	175
Tank volume (m ³)*	7	Total Tank Volume (m ³)	8.5
Tank tipping system	Hydraulic side cylinder	Noise Level dB(A) (at 1m/5 m distance)	-
Main filter system (m ²)	130	Safety filter surface (m ²)	66
ATEX approved	No		

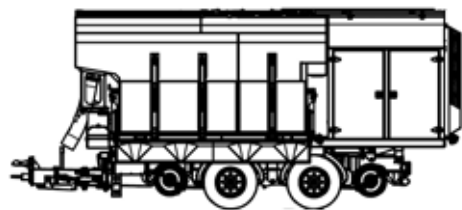
* Excluding filter volume

Miscellaneous

Trailer	Ecorail MPC	Filter Class	L, M IEC EN 60335-2-69
Hose Connection	2 x 200 mm	Material	Steel S 235 JG2
Painting	System C2, RAL 3003 red	Max Speed	30/80 km/h

Weight and Dimensions

B x H x L (mm, excl. chassi)	2.500 x 2.520 x 6.370
B x H x L (mm, incl. chassi)	2.500 x 3.300 x 7.500
Weight, kg (approx)	10.000



The unique mobility of the vacuum significantly streamlines train maintenance work. DISA-RAIL 1700 moves with ease on and off the track and on public roads. The ECORAIL MPC 30 is optimized for road transport, towed behind a tractor or truck.

The DISA-RAIL 1700 has been designed and developed by DISAB, a leading manufacturer of mobile, semi-mobile and stationary vacuum systems of the highest quality for the industrial market.