



# DISAB Vacuum Unit Ro-RoVac SEL

## Usage

The SEL Units are complete electrical vacuum loaders that are mounted onto a ro-/ro-frame. Dry material and even liquids can be handled by the units. Together with a fixed pipe system it can operate as a perfect central vacuum unit for industrial applications and also operate as an independent vacuum loader with a 5" hose.

The vacuumed material is first separated in a special designed fall chamber with a wear proof pre-separator inlet. In this section the heavier particles fall to the bottom of the container. The air will be lead to the main filter section where any remaining fine dust will be separated. From the filter section the air passes a safety filter before entering the vacuum pump and a silencer before exhaust. The well insulated motor compartment reduces the noise level considerably.

## Characteristics

For use in any industrial application where collection of dust is required i.e. clean out; deep pits, trenches, bucket elevators, conveyor spills, overhead cranes and runaways, dust collectors, processing machine spillage etc. The unit is specially suitable where bulky or sticky material shall be collected due to it's convenient discharging.

## Benefits

The SEL suction units meet the high demands from the industry due to it's efficiency, reliability, ease of operation and maintenance giving excellent value for money.

### Other benefits include:

- Rigid design for industrial use
- Roots-type high vacuum pump (50 – 80%)
- Filter system for dry and wet material
- Automatic cleaning without compressed air
- Engine power 30 – 55 kW
- Large dust collecting hopper
- Low noise level

# Technical Data Chart for DISAB vacuum unit Ro-RoVac SEL

## Description

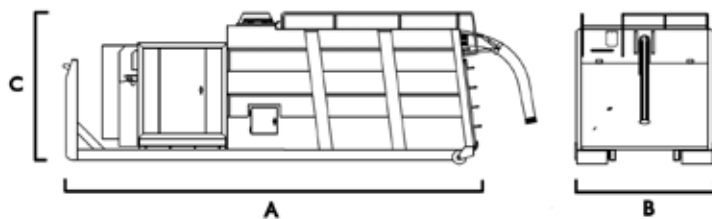
Vacuum pump	Three-Lobe Roots Pump	Max vacuum, mbar	500
Air volume m <sup>3</sup> /h (unloaded)	1,855 (30) 2,245 (37) 2,617 (45) 3,360 (55)	Electrical Motor, kW	30 (30) 37 (37) 45 (45) 55 (55)
Voltage frequency, V/Hz	400/50	Safety Filter Surface (m <sup>2</sup> )	20
Main Filter surface, m <sup>2</sup>	15	Noise Level dB(A) (at 1m/5 m distance)	65 (30) 67 (37) 67 (45) 69 (55)

## Miscellaneous

Hose connect (diameter, mm)	152	Material	Steel S 235 JG2
Painting	System C2, color RAL 3003 red		

## Weight and Dimensions

A x B x C (mm)	6,150 x 2,100 x 2,300
Weight, kg (approx)	3,700 (30) 3,850 (37) 4,000 (45) 4,250 (55)



Many industries often have production, raw material handling and packaging scattered throughout several different buildings. This is where the DISAB RoRoVac™ SEL plays an important role, as the entire unit can easily be moved between different parking locations.

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