

**RSP Stationary Suction Unit;
Pneumatic Ore Removal System
including Power, Separation and
Supply Unit**

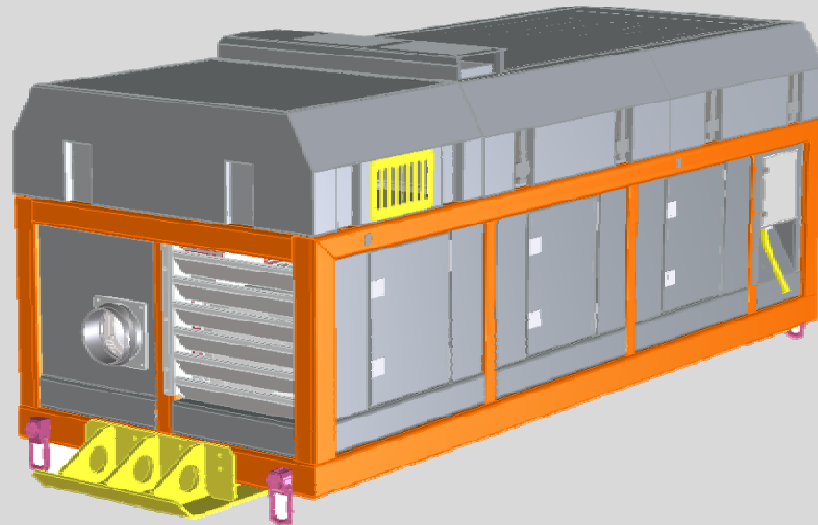
Power Unit including fans



Dimensions

- Length: 5660 mm (6600 mm)
- Width: 2200 mm
- Height: 2340 mm
- Height of unit without cover elements: 1550 mm

- Skids exchangeable
- Waterproof up to 500 mm
- Sound absorbing protective grating
- Sound absorbing cover
- Cover element with transformer

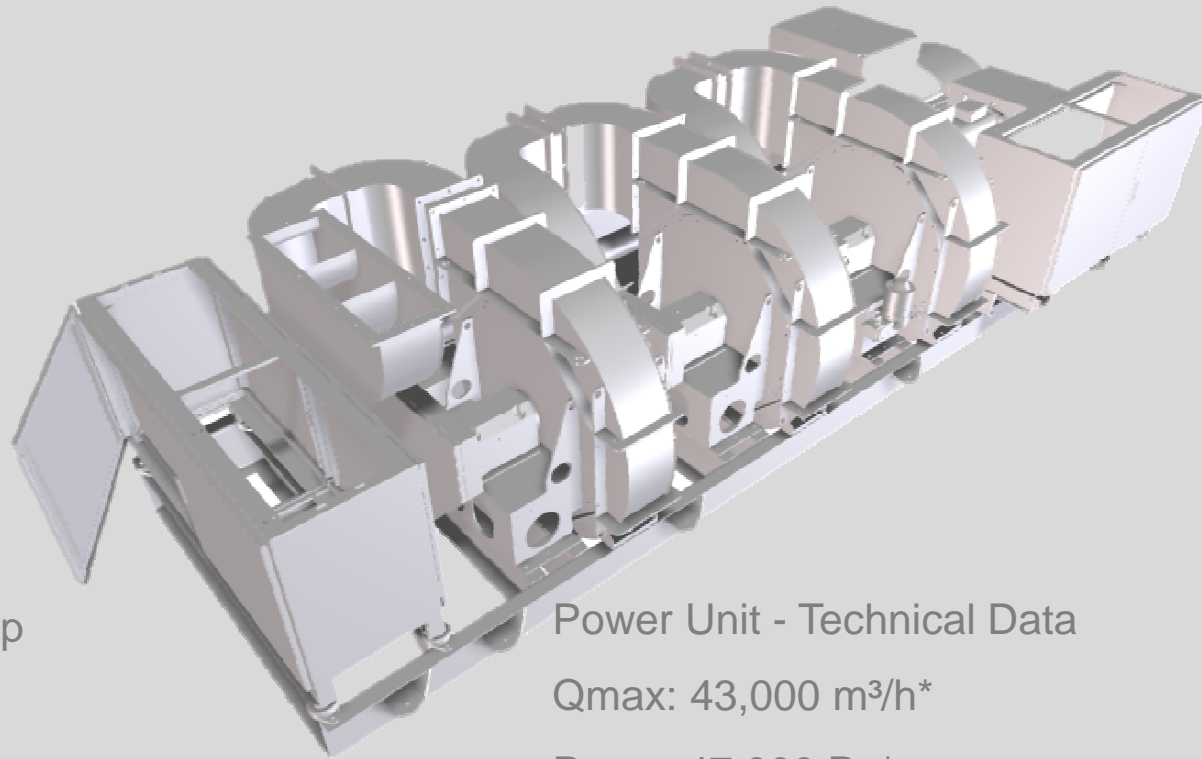




Fan Unit

- 3 radial fans
 - 4000 rpm
- 1x asynchronous motor
 - 1000 V
 - 50 Hz
 - 3000 rpm
- 1x frame
- 1x air stream startup flap

- 2 electric boxes
 - 1x main switch box
 - 1x 1000 V electric box



Power Unit - Technical Data

Qmax: 43,000 m³/h*

Pmax: 47,000 Pa*

Shaft power: 350 KW

Electrical power: 1000 Volt

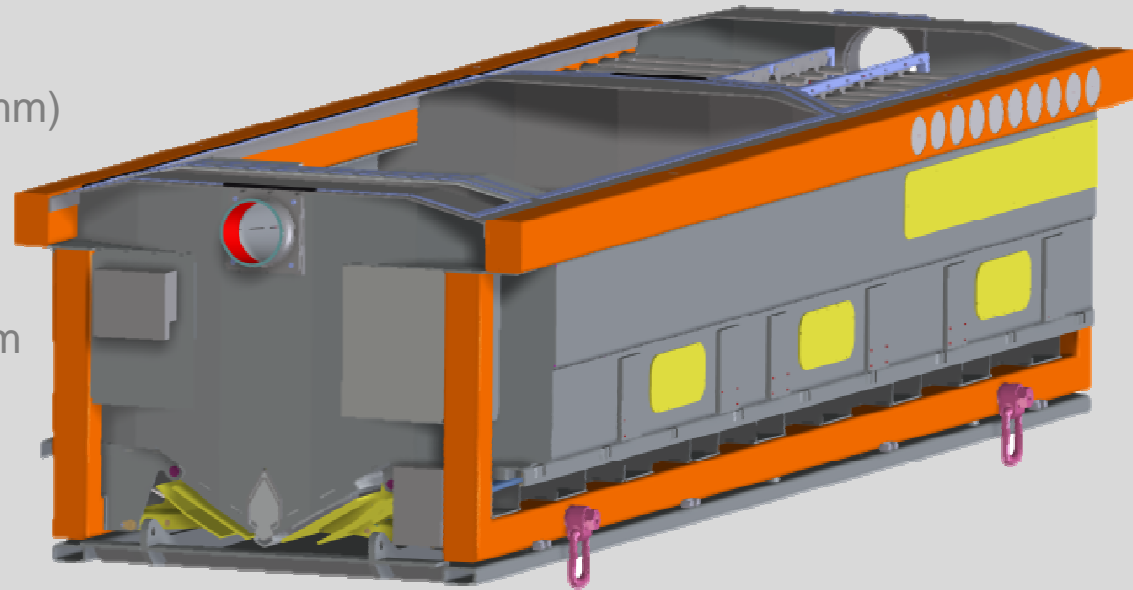
* theoretical Technical fan data



Separation Unit

Dimensions

- Length: 6500 mm (6200 mm)
- Width: 2100 mm
- Height: 1615 mm
- Transport height: 1500 mm
 - including skid



In transport configuration
consisting of:

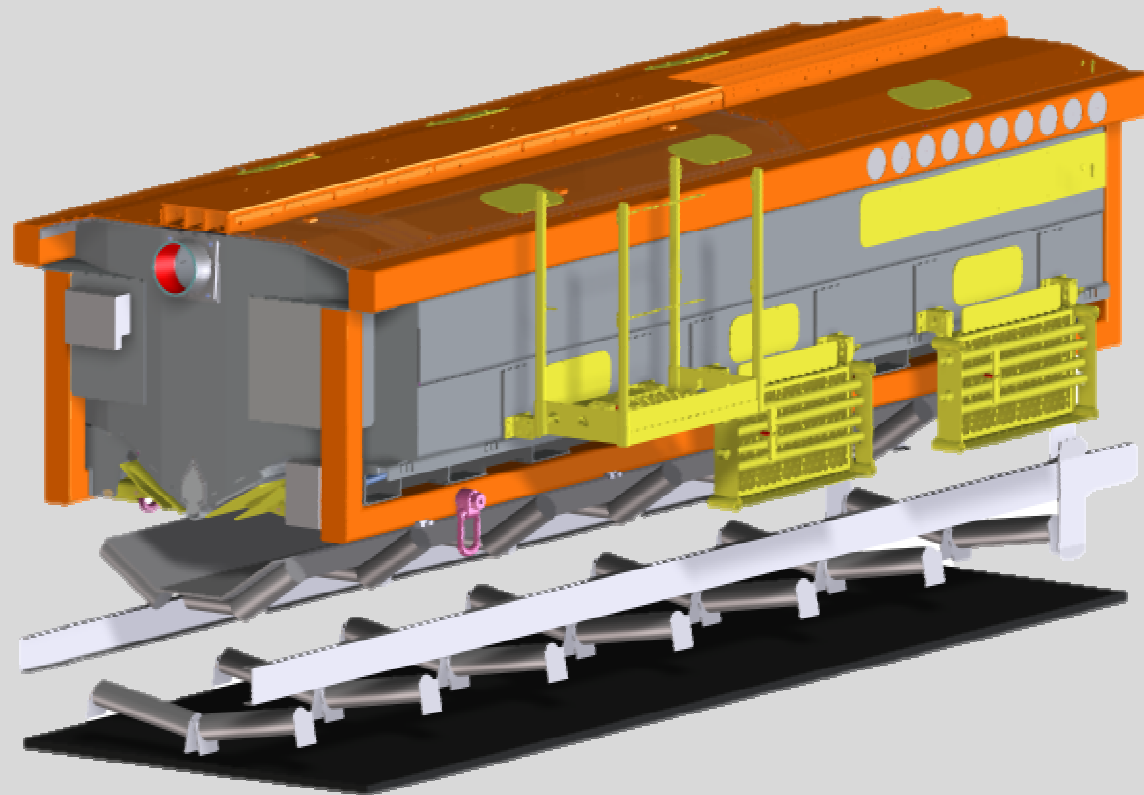
- Container box
- Skid
- Flap system



Installed Separation Unit

Consisting of:

- Container box
- 2 covers
- Flap system
- Working platforms





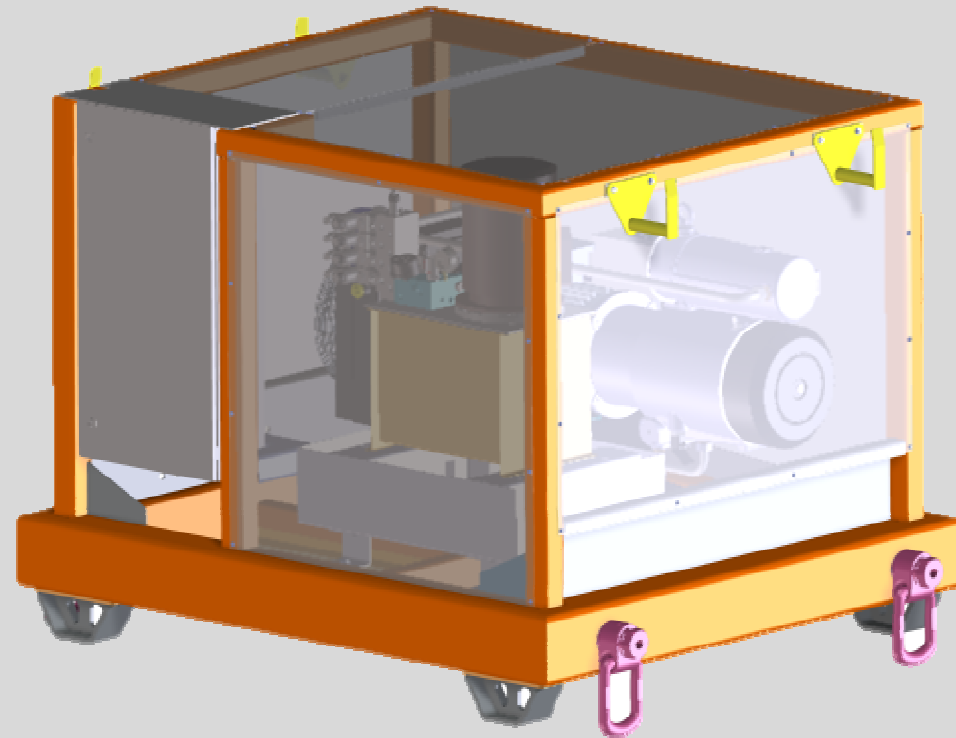
Supply Unit

Dimensions

- Length: 2150 mm
- Width: 1541 mm
- Height: 1502 mm

Consisting of:

- Frame
- Compressor
- Hydraulic aggregate
- Clamps for storing supply lines





System Details

Separation Unit

- Openings for revision work in cover
- Working platforms
- Weight sensing system
- Separated floors for flap system
- Ø 250 mm hose connection
- Skids for transport

Power Unit

- 1 asynchronous motor
 - 1000 V
 - 3000 rpm
- 3 radial turbines
 - 4000 rpm
 - Mechanical transmission
- Integrated transformer
- No heat exchanger

Supply Unit

- 400 V aggregate
- Pulling shackles