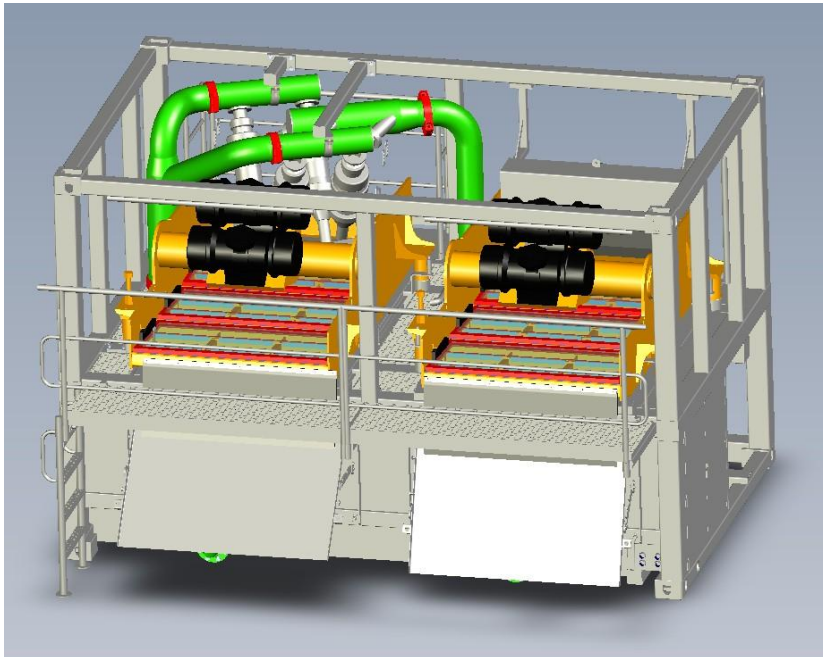


Description

The ITE MINI4 HDD separation plant is specially designed for HDD drilling applications and dewatering of slurries (up to 50 m³/h).



Due to the small dimensions, the ITE MINI 4HDD separation plant guarantees minimum setup times and an easy transport.

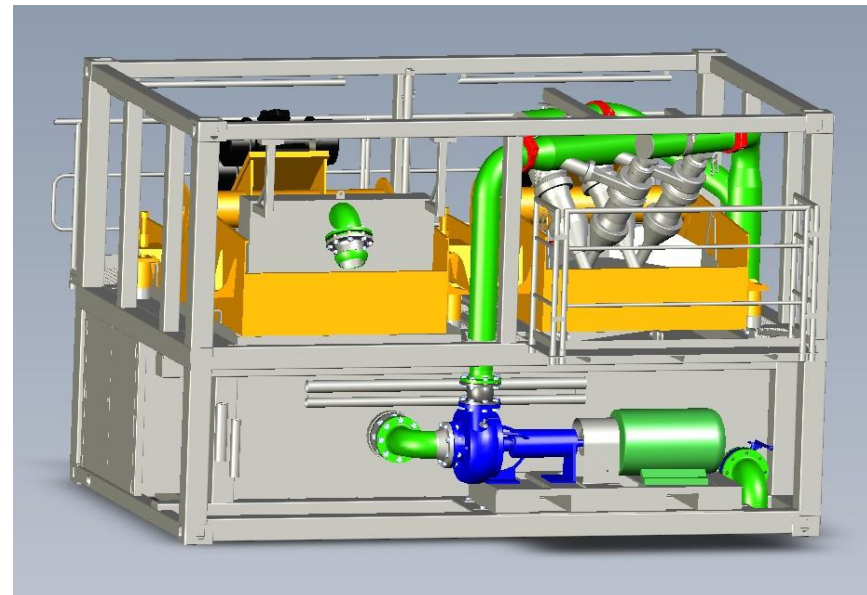
The plant is immediately ready for operation on site and does not require any time-consuming connection work.

The ITE MINI4 HDD cleans slurries down to 30 µm.

Platforms and handrails ensure safe working and allow optimum access to the individual plant components.

The ITE MINI4 HDD Separation plant is equipped with:

- a 2-chamber tank system, integrated into a standard frame
- two screening machines, each equipped with 3 panel screens
- four 6" hydrocyclones
- integrated feed pump for feeding the cyclones with slurry
- an integrated control cabinet



Dimensions for transport

- Length: 4000 mm
- Width: 2440 mm
- Height: 2590 mm

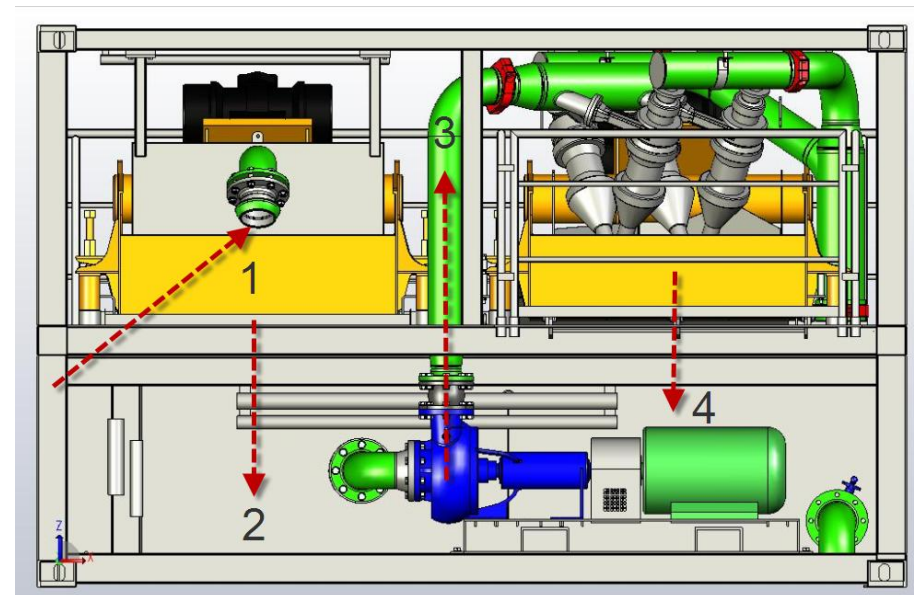
Technical specifications

Capacity (as per spec. below) *¹: max. 50 m³/h

Power consumption (total plant): approx. 49 kW

- **Cyclones**
 - Hydrocyclones
 - Quantity: 4 pcs.
 - Cyclone size: 6 inch
 - Cut-point (d₅₀): 30- 45 μm*¹
- **Vibration screening machines**
 - Quantity: 2 pcs.
 - Screen area (per screening machine): 2.4 m²
 - Angular adjustment: 0° to +3°
 - Power supply
 - Rated power (total) (4x3 kW): 12.0 kW
 - Voltage: 400 V / 50 Hz
- **Screens**
 - Scalping screens
 - Quantity: 3 pcs. (on screening machine #1)
 - Screen area (total): 2.4 m²
 - Fine screens
 - Quantity: 3 pcs. (on screening machine #2)
 - Screen area (total): 2.4 m²

- **Feed pump**
 - Centrifugal pump 6 x 5 x 14 with mechanical seal
 - Desanding cycle (4 x 6"): max. 140 m³/h
 - Power supply
 - Rated power: 37 kW
 - Voltage: 400 V / 50 Hz
- **Tank (2 compartments)**
 - Tank capacity: approx. 5.25 m³



*¹ The capacity of the ITE MINI4 HDD is subject to the viscosity and density of slurry, solids loading, grain size distribution, screen selection, and properties along with operating conditions, and might be actually lower than specified.