



Efficient and economical

Hydrò, the mud separator

Hydrò represents a simple, effective and inexpensive solution to keep your pit free of mud and to save high costs compared to classical decanting systems.

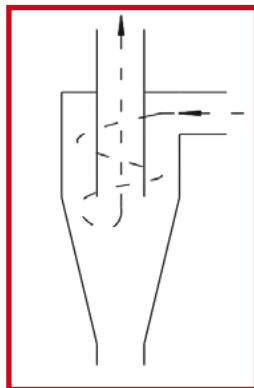
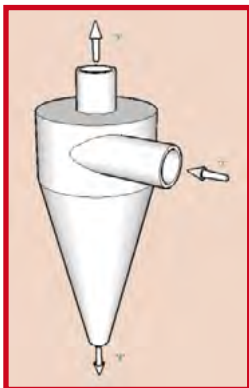
A pit system works only effectively when it is kept clean. The Hydrò is doing this job discreetly and avoids costly periodically cleaning.



Mud separation system

How it works

The operating principle is really simple: a submerged slurry pump conveys muddy water into an hydrocyclone separator. The hydrocyclone has two axially aligned discharge exits: a small one on the bottom and a bigger one on the top. Once the muddy water is inside the cyclone, the centrifugal force contrasts the resistance of the slurry water and consequently the bigger mud particles are pressed against the cyclone and then discharged into the bag, passing the exit on the bottom. The cleaner water instead is forced upwards and exits the cyclone on the top to return into the pit, where its pressure removes the mud from the bottom.



Technical features

Cyclone dimensions:

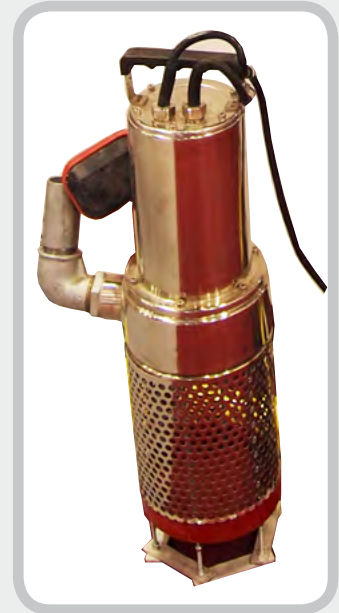
580 x 294 x 300 mm

Stainless steel pump:

200 l/m – 0,6 bar

230V 50Hz 1 HP

Maximum particle: 6 mm



Bag holder dimensions:

880 x 880 x 1240 mm

Machine packing:

1200 x 800 x 800 mm - 95 kg

Standard equipment:

- hydrocyclone frame equipped with water pump
- retrofitted bag holder
- bag for mud
- wrench 17 mm
- user manual (CE normative)

All illustrations are purely indicative. The specifications on this brochure may be modified without any notice at the manufacturer's discretion.