



FILTRATION FOR FLDI GRINDING MACHINE

Référence : FL172013

The FLDI filter for cleaning fluids has several advantages such as operational reliability. The filtration capacity is estimated from 5 to 25 m³ / h.

Description fonctionnelle :

Receiving tray output chutes:

Diamond tip receiving tray with venturi for lifting
 Capacity 1000 Liters including the side chutes of the grinding machine.
 Retention basin under the assembly
 304 L stainless steel material

Filtre à tapis :

Pvc filter mat
 Connection belt with the centrifuge
 1000 L receiving tank at the filter mat outlet
 3000 L clean water tank
 40 µ finishing filter between the two tanks
 Level controller and overflow weir
 Garbage truck
 304 L stainless steel material

Pumps :

Lift pump for the venturi connected with rigid steel pipes.
 Self-supplied main lubrication pump.

Temperature management:



Immersion heater for temperature rise.
Air / water cooler to lower the temperature.
Temperature probe and management by PLC.

Elevator conveyor to container:

Chain plus sleepers
Gear motor
Painted steel structure (color to be defined)
Arrival height = 2.4 m
Clipping screw on container
Allows you to fill the entire container.
The assembly is retractable to allow the container to be changed.

Electrical cabinet:

IP 55 cabinet
Supply voltage: 380 V tri
24 V control voltage
Frequency: 50 Hz
Programmable robot

Retention tray :

Watertight container under the entire installation
Height = 100 mm
Capacity 1.4 m3
Low point with sump pump
Preserves any small leaks and wash water.

Description technique :

The filtration capacity is estimated from 5 to 25 m3 / h. - The filter uses the self-filtering property of the product: eliminating the use of filter paper - Separation of the rejects before elimination: with the centrifuge, the rectification sludge is wrung out ("recovery" of the reject making it possible to find elimination channels, etc.) - Simplified use and operation - Operational reliability The filtration capacity is estimated from 5 to 25 m3 / h.

Options :

centrifuge, bucket elevator, container skimmer.