

G2 - Dewatering

ACE Brush Dewaterer

Brush de-watering of solids from effluent.

PROCESS INPUT:

Process effluent containing solids.

PROCESS OUTPUT:

Solids < 10% dry solids (by volume).

BY-PRODUCT PRODUCED:

Process effluent with particles < screen hole size.

SERVICES REQUIRED:

N/A.

CAPACITY RANGE:

1 - 30 l/s.

TYPICAL ELECTRIC MOTOR DRIVE SIZES:

0.25kW.

A semi-rotary brush dewaterer.

Solids build up on a perforated screen plate and are brushed into a vertical chute for disposal.

Liquid passes through the screen plate and on for further processing.

Due to the slow action of the process plant, as much of the solids material as possible is removed from the flow with as little returned back as possible.

The screening effect is thus enhanced over and above the hole size of the perforated plate.



“A semi-rotary brush dewaterer.”

Hole Size	Flow Rate
6mm	30 l/s
3mm	20 l/s
2mm	15 l/s
1mm	10 l/s
0.5mm	5 l/s