

SCREW PRESS

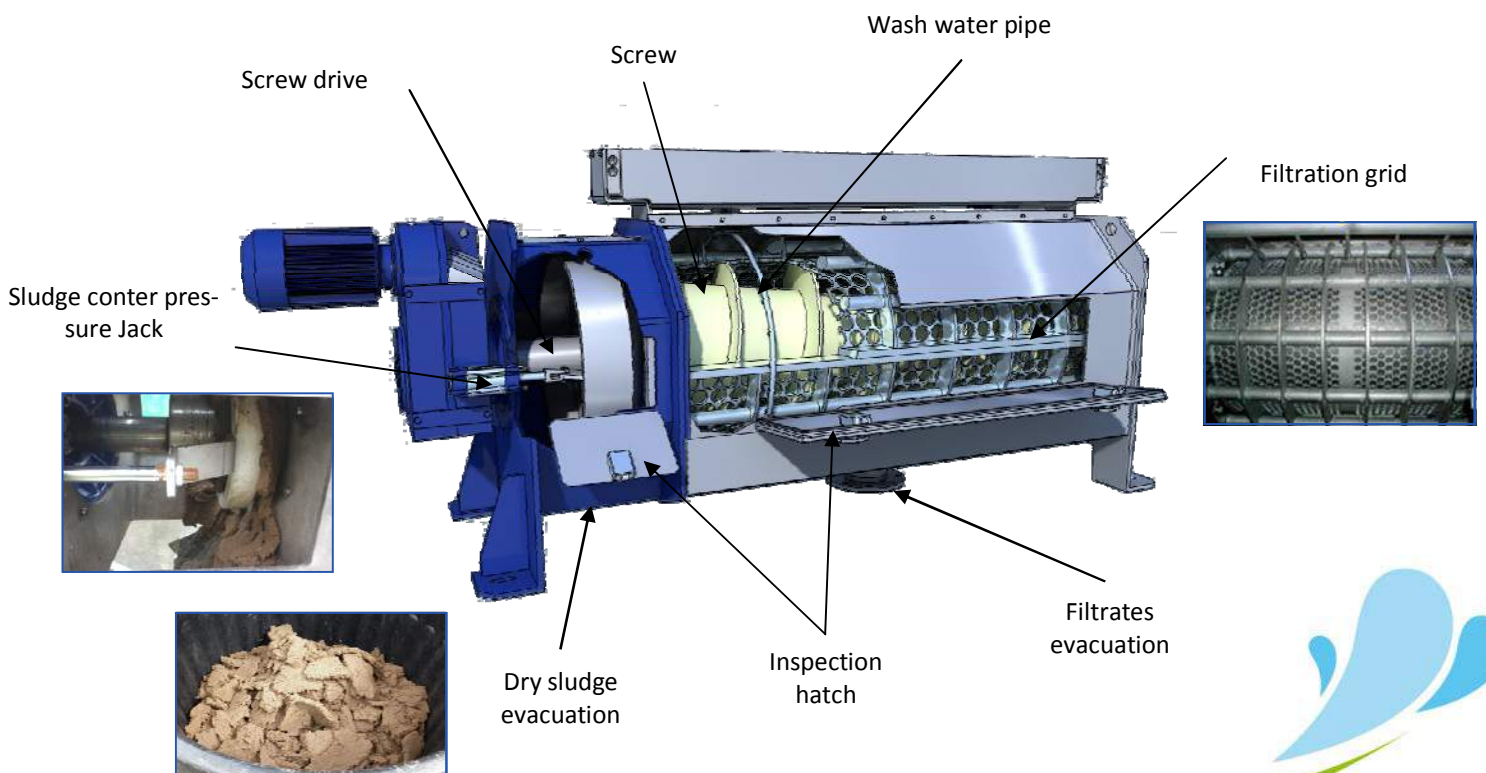
EMO is a leading company on the design and manufacture of equipment for water and waste water treatment plant. EMO is present on 5 continents and has since its establishment in 1985 over 5000 references. EMO markets the screw press designed to dewater all types of urban or industrial sewage sludge.

- ✓ Effective dewatering from low to large processing volume
- ✓ Continuous dewatering system
- ✓ Low noise level (< 70 dB)
- ✓ Low rotation speed (<1 rpm)
- ✓ Low power consumption (< 10 kW for the biggest machine)
- ✓ Low and simple maintenance
- ✓ Interchangeable filtration grids adapted to the nature of the sludge
- ✓ Cylindrical Filtration grids composed of several sections for easy maintenance
- ✓ Pieces in contact with the sludge are in stainless steel 304L or 316L
- ✓ Low wash water consumption

Performances

- > Dryness : 19 ± 2 % on urban biological sludge
- > Capture rate : up to 90-98 % (instantaneous).
- > Possibility to treat sludge from 6 to 10 g/l

Operating principle

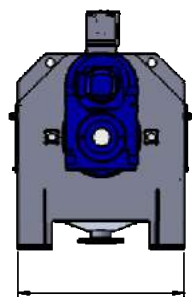


Installations

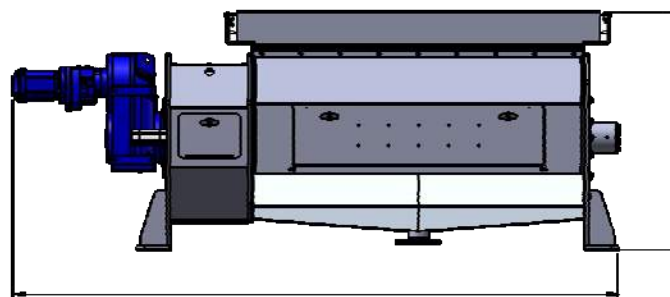


Technical data

- A wide range of presses : more than 11 machines
- A special range for industrial applications : paper industry, Food Industry , etc. ...
- Inlet sludge concentration: from 6 to 50 g/l
- Amount of Dry Solids per hour: 25 to 1300 kg MS/h
- Stainless Steel AISI 304L or 316L (Part in contact with the sludge)

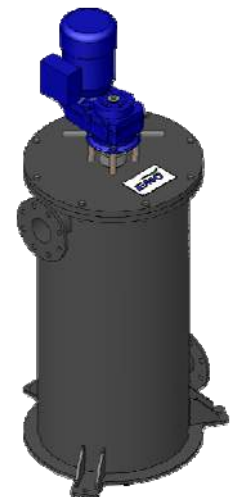


720 to 1800 mm



2000 to 8000 mm

900 to
2200 mm



Flocculator
Ø 200 to 1200 mm