

PRETREATMENT EQUIPMENTS AND THEIR ACCESSORIES

Cable and chain screens

DCV type Cable vertical screens

Screening of urban and industrial wastewater, protection of pumping stations and intakes of water...

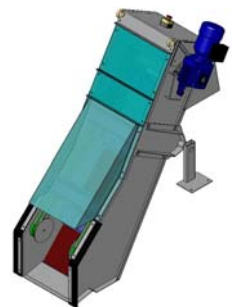
- Alternative screening
- Fineness of screening : 6 à 80 mm
- Discharge height : up to 10 000 mm
- Canal height: 1 000 to 7 600 mm
- Canal width : 450 to 2 000 mm (or several attached devices)
- Outlet : up to 8 000 m³/h according to the air gap
- Compact
- Reduced maintenance
- Automatic working
- Material : 304L or 316L stainless steel



DCI type Chain inclined screens

Screening of urban and industrial wastewater, protection of intakes of water

- Self cleaning
- Fineness of screening : 0,5 to 50 mm (bar screen, perforated plate, slots, etc...)
- Discharge height : up to 9 780 mm
- Canal width : 450 to 2 000 mm
- Outlet : up to 3 500 m³/h
- Reduced maintenance
- Automatic working
- Indifferent to grease and sand
- Material : 304L or 316L stainless steel

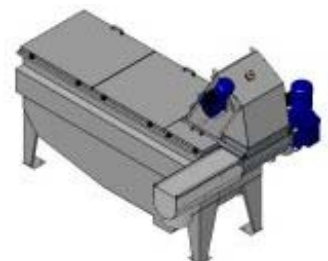


DCI B type

Screening of urban and industrial wastewater, grease and draining materials pre-treatment.

Two available patterns :

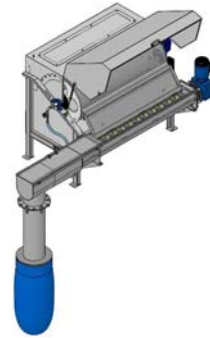
- Fineness of screening : 0,5 to 50 mm
- Discharge height : 1 750 mm
- Internal width : 530 and 930 mm
- Reduced maintenance
- Automatic working
- Indifferent to grease and sand
- Material : 304L or 316L stainless steel



Rotary screens

Rotary screen + screw compactor

- External feeding
- Opening size : 0,25 to 4 mm
- Drum diameter : 631 mm
- Drum length : 600, 1 000, 1 500 or 2 000 mm
- Up to 800 m³/h
- Material : 304L or 316L stainless steel



Sand classifiers

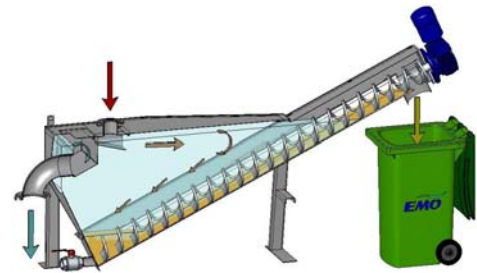
Sand classifier

Separation of the sand and sediments contained in the industrial and urban wastewaters.

- Treatment capacity : up to 126 m³/h
- Separating size down to 200 µm
- Separation efficiency up to 95%
- Material : 304L or 316L stainless steel

Optional :

- Hydrocyclone



Screw conveyors and screw compactors

Screw conveyors and screw compactors

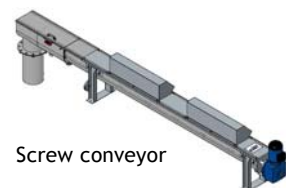
Conveying and compacting screenings and sands

- Length adaptable to fit
- Material : 304L or 316L stainless steel
- Compacting cell washing ramp

Note : Dryness after the screw compactor is >30%



Screw compactor



Screw conveyor

MEVA products : the "Stepscreens"



Rotoscreen

Screening in entry of urban and industrial water-treatment plant (farm-produce industry, paper industry, slaughter houses and tanneries).

- Self cleaning step-screen
- Robust conception
- Anti-lock mechanism
- Treatment capacity : up to 10 800 m³/h
- Fineness of screening : 2 to 6 mm
- Discharge height : 1 030 to 4 700 mm
- Canal width : 400 to 1 900 mm
- Material : 304L or 316L stainless steel



Monoscreen

Screening in entry of urban and industrial water-treatment plant (farm-produce industry, paper industry, slaughter houses and tanneries).

- Self cleaning step-screen
- Robust conception
- Anti-lock mechanism
- Treatment capacity : up to 7 200 m³/h
- Fineness of screening : 1 to 6 mm
- Discharge height : 640 to 3 800 mm
- Canal width : 400 to 1 900 mm
- Material : 304L or 316L stainless steel

Step-screen mounted in a container

Integrated solution (reception, screening - Rotoscreen or Monoscreen, and screenings compacting). Urban and industrial effluents pre-treatment, greases and discharge matters pre-treatment.

- Self cleaning step screen
- Robust conception
- Anti-lock mechanism
- Treatment capacity : up to 200 m³/h
- Fineness of screening : 0,5 to 6 mm
- Material : 304L or 316L stainless steel
- Sand trap or pebble trap (option)



MEVA products : the Sand-washers

SWA

Allows the obtaining of an inert waste, thus not loosening smells, and cheaper to treat.

- Entering debit : up to 126 m³/h
- Outgoing sand debit : up to 1,5 m³/h
- Outgoing material containing between 3 and 5% of organic matters
- Material : 304L or 316L stainless steel

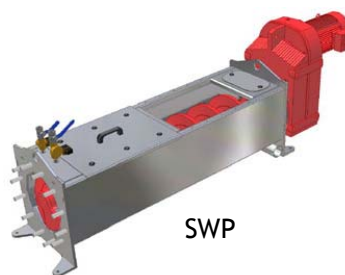


MEVA products : the screw-wash-press

SWP

Allows the obtaining of a compact waste, containing less organic matters, reducing transportation and treatment costs.

- Treatment capacity : 0,5 to 3 m³/h
- Material : 304L or 316L stainless steel
- Dryness in outlet > 40%
- Dryness > 60% if using a CPS (Counter Pressure Screw)



SWP



SWP + CPS

MEVA products : the piston compactors

RP

Allows the obtaining of a compact waste, containing less organic matters, reducing transportation costs.

- Material : 304L or 316L stainless steel
- Dryness in outlet >35%

