

# 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...

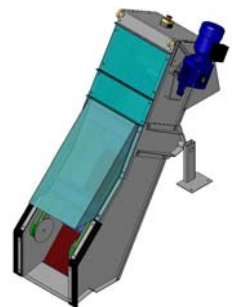
- Alternative screening
- Fineness of screening : 6 à 80 mm
- Discharge height : up to 10 000 mm
- Canal height: 1 000 to 7 600 mm
- Canal width : 450 to 2 000 mm (or several attached devices)
- Outlet : up to 8 000 m<sup>3</sup>/h according to the air gap
- Compact
- Reduced maintenance
- Automatic 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 m<sup>3</sup>/h
- Reduced maintenance
- Automatic working
- Indifferent to grease and sand
- Material : 304L or 316L stainless steel

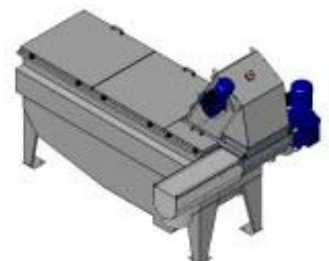


### DCI B type

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

Two available patterns :

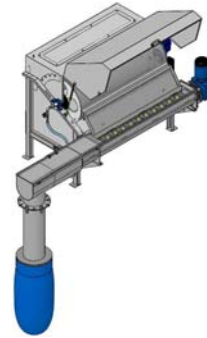
- Fineness of screening : 0,5 to 50 mm
- Discharge height : 1 750 mm
- Internal width : 530 and 930 mm
- Reduced maintenance
- Automatic working
- Indifferent to grease and sand
- Material : 304L or 316L stainless steel



## 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 m<sup>3</sup>/h
- Material : 304L or 316L stainless steel



## Sand classifiers

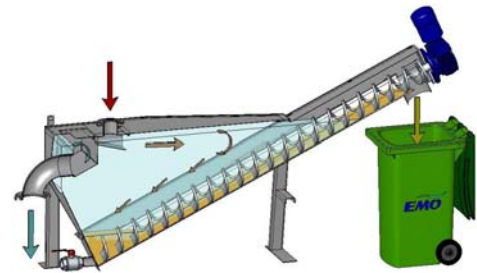
### Sand classifier

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

- Treatment capacity : up to 126 m<sup>3</sup>/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

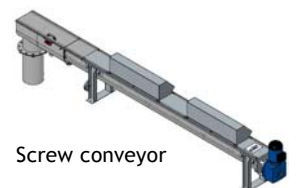
Conveying and compacting screenings and sands

- 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

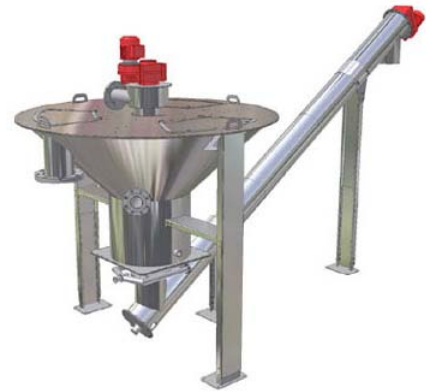


## MEVA products : the Sand-washers

### SWA

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

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

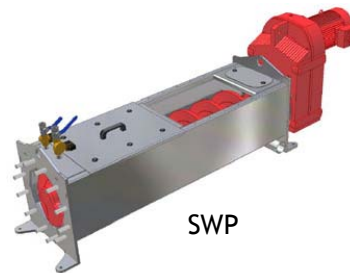


## MEVA products : the screw-wash-press

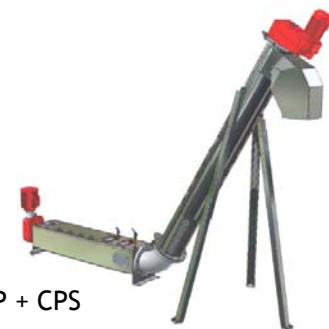
### SWP

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

- Treatment capacity : 0,5 to 3 m<sup>3</sup>/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%

