

# CPP - SCREW SCREEN PRESS



The CPP - SCREW SCREEN PRESS simultaneously provides the function of drainage and waste compaction. The compactor can be placed directly below the output of a coarse filtration machine or it can be fed by a conveyor.

The machine is composed of an input hopper connected to a tubular trough that makes up the waste drainage area and it's equipped with a washing system to ensure a higher removal of organic substances contained in the waste materials.

The compacting zone is realized by a discharge pipe shaped "proboscis" which gives the machine a great dewatering performance.

The excellent cleaning of the gratings and the high degree of compaction (up to 60%) reached implies a reduction of odor problems and disposal costs.

## DESCRIPTION

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- Manufacturer: FLUITECO
- Model: CPP
- Material: Stainless Steel
- Surface Treatment: Pickled & passivated

The CPP unit allows to press solids to increase dryness and to reduce volume/weight. This unit is the perfect equipment to screen an effluent containing solids coming from municipal or industrial wastewater. The versatility of the SMC allows to separate solids with different bar spacing (from 6 mm to 100 mm).

The separation process starts with the effluent arriving into the channel where SMC screen is installed. SMC screen can work with level sensor and/or timer. The solids greater than the spacing between the bars stop, instead of the water containing smaller solids pass through the bars. When the screen motor starts, the rakes/combs provide to clean the spacing between the bars and at the same time they lift up the solids until the discharge zone. The discharge zone is composed by a comb cleaner that provides to clean the combs and to discharge at the same time the solids through the discharge chute

\* Sizes and lengths present in this offer represents just a preliminary information. After the approval of the present offer, a drawing will be based on your specific necessity. This drawing, called "for approval", will be submitted to you to check every single length and/or specifications. Once approved, the drawing will be the reference for final production.



### DESIGN WITHOUT END BEARING

CPP compactor is designed without any end-bearing. This represent a great solution to reduce maintenance intervention and cost.

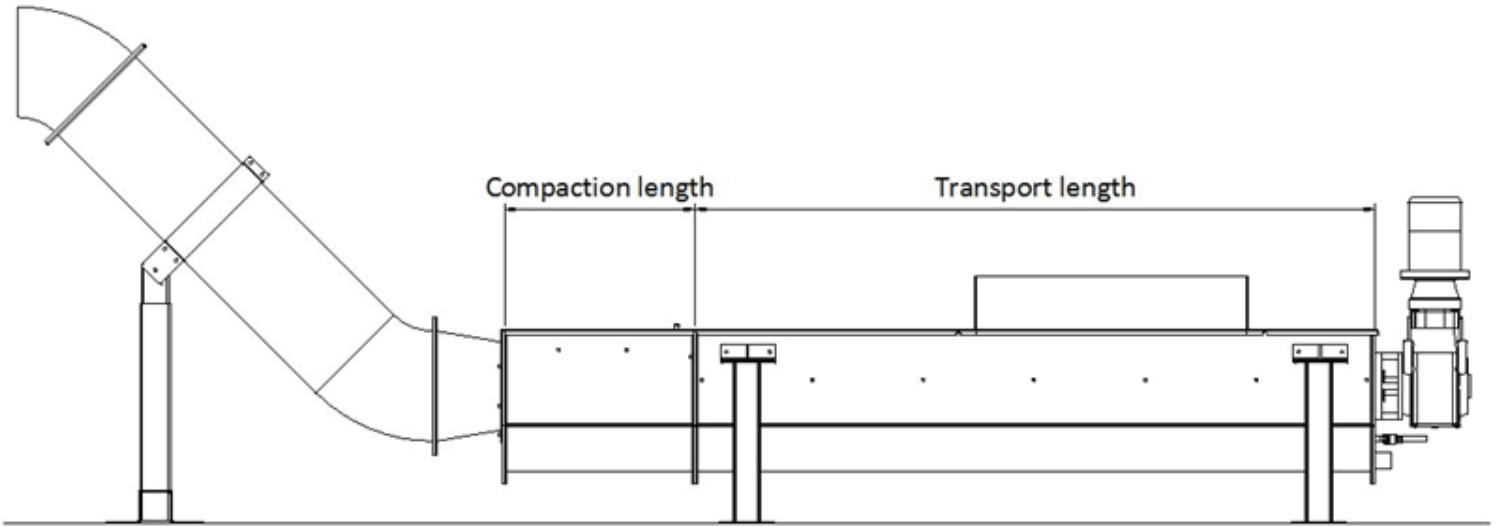
### HIGH THICKNESS SHAFTED SPIRAL

CPP was designed with shafted spiral, but using our technology, the thickness of the spiral is always more than 10 mm.



# CPP- STANDARD DIMENSIONS

MODEL	CPP200	CPP300
Drainage length (mm)	1500	1500
Compaction length (mm)	500	700
Inclination	0° - 5°	0° - 5°
Nominal flowrate (mc/h)	2	3
Motor power installed (kw)	3	5



# CPP- Renderings

