

STYRE DRUM SCREEN

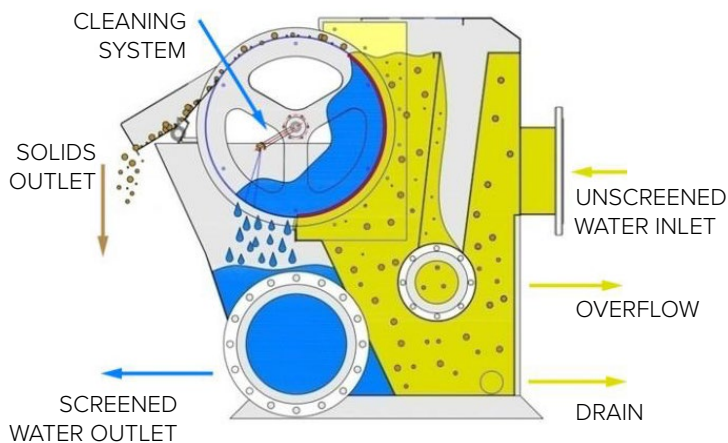
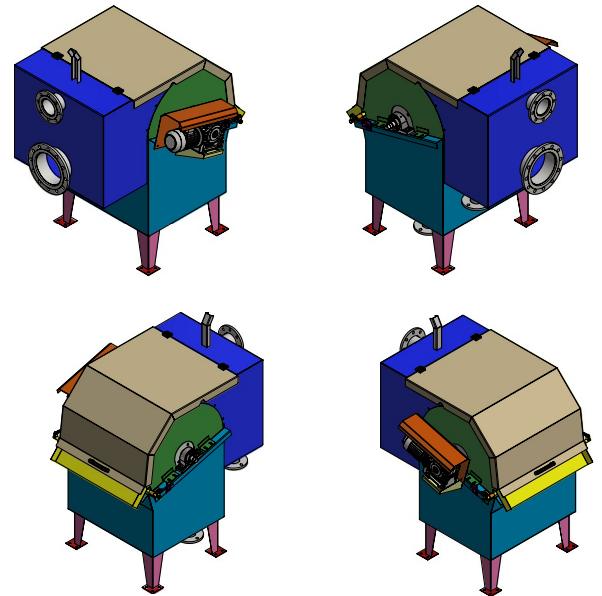
WASTEWATER PRE-TREATMENT EQUIPMENTS



STYRE DRUM SCREEN

STYRE External Flow Drum Screens have fine screening feature and are placed in pipelines. STYRE Externally Flowing Drum Screens prevent the retention of incoming particles from the drum enters the control system. The particles held on the screen surface by the rotating drum mechanism are continuously stripped from the drum surface and removed from the system. It can be designed in different inputs and outputs and lengths according to customer demand.

STYRE Rotary drum screens can be made optionally as Wedge-Wire or perforated sheet metal design. Perforated sheet on the drum sieve works with high efficiency by holding from its pores. In the Wedge-Wire type, the drum part of the rotary drum screens consists of special triangular bars. Solid wastes are collected on the outer surface of the drum. Because of this special section, it is impossible for the grating to clog, and its permeability rate is very high. Thanks to the "V" shaped profile structure in the Wedge Wire, it minimizes clogging and provides maximum permeability. The automatic cleaning mechanism is carried out with the nozzles in the drum.



DESIGN INFORMATION

MODEL	STYRE - RDS
SPECIFICATION	Externally Flow Wedge Wire
CAPACITY	20-375 m ³ /hour
POWER	0,25 kW
DRUM DIAMETER	625 mm
DRUM LENGHT	650 - 1500 mm
DRUM SPACE	0,25mm - 3mm
MATERIAL	SS304 Stainless Steel