WASTE WATER TREATMENT

Sand Washers
CLSW







SAVECO™
Member of WAMGROUP®

Sand Washers CLSW

SIMULTANEOUS GRIT SEPARATION AND WASHING

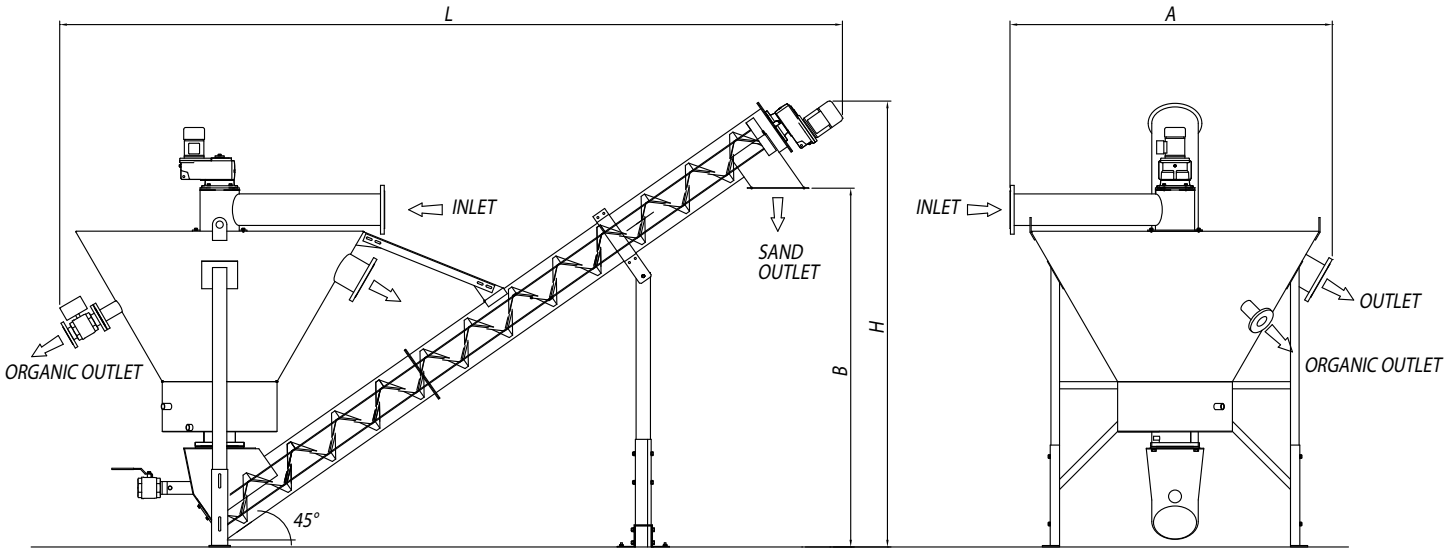
CLSW Sand Washers are used to separate sand from water and to wash grit at the same time in order to remove organic particles.

The water and sand mixture falls into the truncated cone-shaped tank where it is spread by a rotating agitator. Wash water is used during mixing which helps separate organic particles from the effluent. Wash water is introduced through a sleeve connected with a solenoid valve and a flow meter controlling the inlet flow. The tank base has a double bottom whose upper part is equipped with holes for the wash water flow.

The agitator keeps the sand moving and conveys it towards the centre opening of the tank with connection to the screw conveyor. Their different density makes the organic particles float and sand having a grain size larger than 200 µm fall to the bottom of the tank. The screw conveyor (having 45° angle) reduces the sand bed inside the inlet hopper while conveying washed grit towards the outlet.



Overall Dimensions



MODEL	WIDTH A mm	LENGTH L mm	HEIGHT H mm	DISCHARGE HEIGHT B mm	SPIRAL DIAMETER mm	INLET DN (PN 10)	OUTLET DN (PN 10)	MIXER POWER INSTALLED kW	DRIVE POWER kW
CLSW 10	2,300	5,500	3,100	2,500	240	80	150	0.37	1.1
CLSW 20	2,300	5,500	3,100	2,500	280	150	200	0.75	1.1
CLSW 30	2,300	5,500	3,100	2,500	280	150	250	0.75	1.1

Benefits

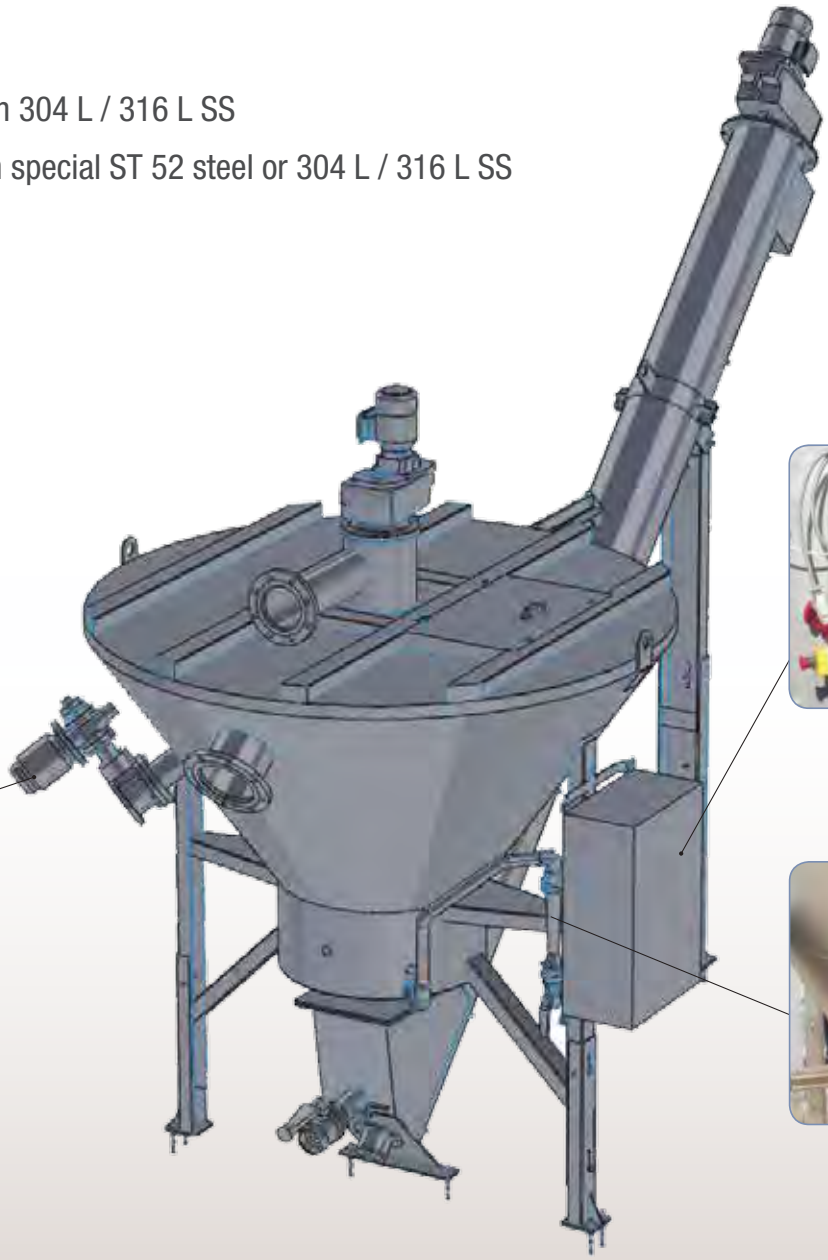
- ✓ **High efficiency in separating sand from water**
- ✓ **High reduction of organic matter content**
- ✓ **Savings in operating and maintenance costs**

Technical Features

- 3 sizes available
- Flow rates up to 30 l/s
- Frame manufactured from 304 L / 316 L SS
- Spiral manufactured from special ST 52 steel or 304 L / 316 L SS



Ball Valve





Control Panel



Flow Meter

FLOW RATES			
MODEL	**NOMINAL FLOW RATE - l/s**	**SAND EXTRACTION - kg/h**	**WATER CONSUMPTION - l/min at 5 bar**
CLSW 10	10	180 - 300	25
CLSW 20	20	400 - 600	40
CLSW 30	30	800 - 1,000	40

Application







203001288 April 2019 Rights reserved to modify technical specifications.

This brochure has been edited for distribution in European Union countries

SPECO® SAVI® SEPCOM® WAM® MAP® TOREX® EXTRAC® RONCUZZI®

SAVECO™
Member of WAMGROUP®

UNI EN ISO 9001
Certified Company

www.saveco-water.com