WASTE WATER TREATMENT

Screw Compactors
WASTECOM™ CPS







INTERNATIONAL PATENT

SAVECO™
Member of WAMGROUP®

Screw Compactors
WASTECOM™ CPS

HIGH-PERFORMANCE, MULTIFUNCTION, RELIABLE AND SILENT SCREW COMPACTOR

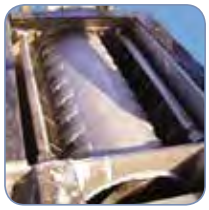
WASTECOM™ CPS Screw Compactors consist of a conveyor trough manufactured from stainless steel, a shaftless extra heavy-duty spiral in carbon steel and a patented compacting and de-watering discharge module including a special patented plug retention diaphragm.

WASTECOM™ CPS is a versatile machine for several applications in continuous or batch-type duty.

WASTECOM™ CPS Screw Compactors are used in municipal or industrial waste water treatment plants where maintenance has to be reduced to the minium (no intermediate bearings, shaftless screw).

Technical Features

- Fabricated structure completely made from 304 L / 316 L SS
- Highly wear-resistant extra heavy-duty mild steel or 304 L / 316 L SS spiral
- Trough liner manufactured from HDPE high-density, low-friction polymer
- No outlet and intermediate bearing assemblies
- No mechanical components in contact with the material handled
- Outlet plug retention diaphragm made from SINT® engineering polymer or counterweight pressor (option)
- ATEX GAS II motors available



Outlet Compaction Section with Washing System (Option)

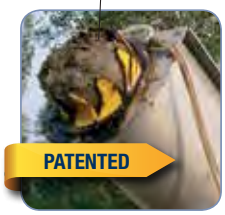


Liner/ Slide Plates



Internal Adjustable Self-cleaning Drainage Screen





Outlet Plug Retention Diaphragm made from SINT® Engineering Polymer in Different Degrees of Stiffness

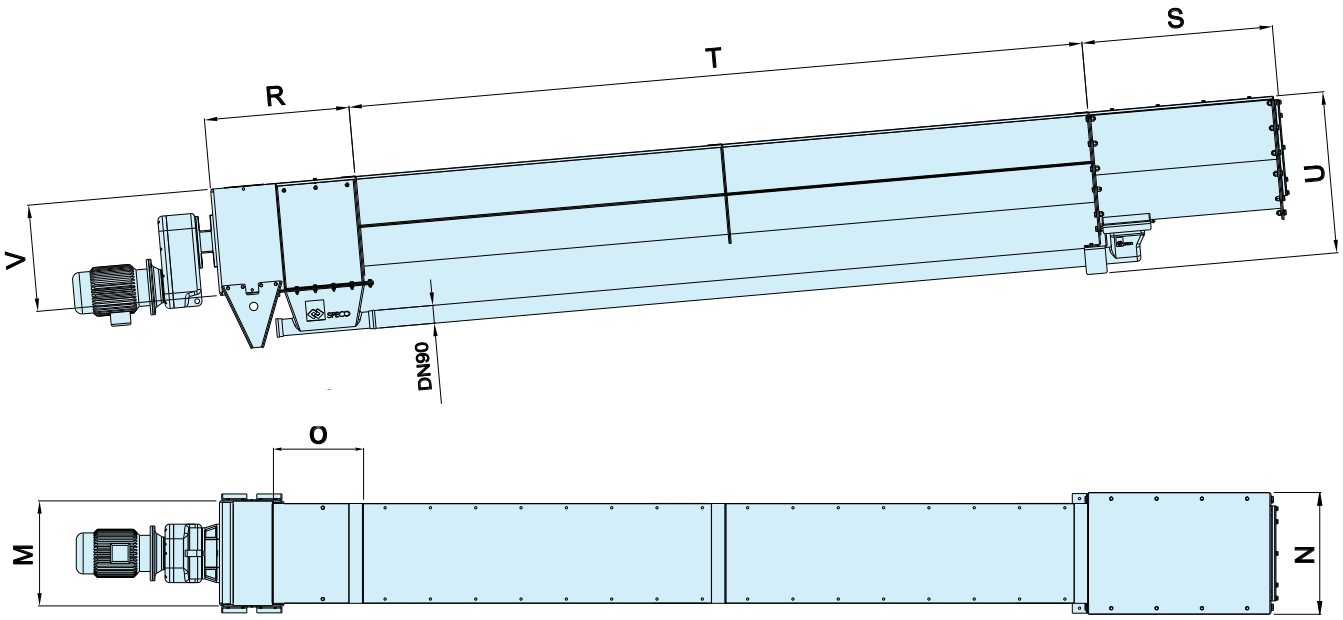


Non-stick Liquid Collection Box

Benefits

- ✓ Three functions - one machine: conveying, dewatering and compacting;
- ✓ Up to 40% reduction of screenings volume;
- ✓ Particularly maintenance-friendly modular design;
- ✓ No machine locking even with fibrous materials;
- ✓ Fully enclosed, pollution-free, odour-free;
- ✓ Low noise level;
- ✓ Low energy consumption.

Overall dimensions



MODEL	R	T * min. - max.	S	U	V	M	N	O	α	Troughput Rates (m^3/h)	kW
CPS 200	490	1,000 - 6,000	530	600	320	327	445	230	5° - 25°	2	1.5
CPS 300	606	2,000 - 8,000	750	757	440	440	545	323	5° - 25°	5	2.2
CPS 400	773	2,000 - 10,000	1,000	909	575	575	663	496	5° - 25°	8	4.0

Dimensions in mm - (*) pitch 500 mm

Accessories

- Outlet verticalizer
- Endless tube
- Bag fastening system
- Rectangular inlet hopper
- Adjustable support stands
- Support bracket
- Plug retention SINT® diaphragm with different resistance levels
- Solenoid Valves

Application







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