

WASTE WATER TREATMENT



Enviro-Care

A WAMGROUP® Company

Screw Compactors WASTECOM™ CPS



MULTIPLE PATENTS



HIGH-PERFORMANCE, MULTIFUNCTION, RELIABLE AND SILENT SCREW COMPACTOR

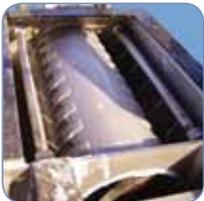
WASTECOM™ CPS Screw Compactors consist of a conveyor trough manufactured from stainless steel, a shaftless extra heavy-duty spiral in carbon steel and a patented compacting and de-watering discharge module including a special patented plug retention diaphragm.

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 minimum (no intermediate bearings, shaftless screw).

Technical Features

- Fabricated structure completely made from 304L / 316L SS
- Highly wear-resistant extra heavy-duty mild steel or 304/316 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)



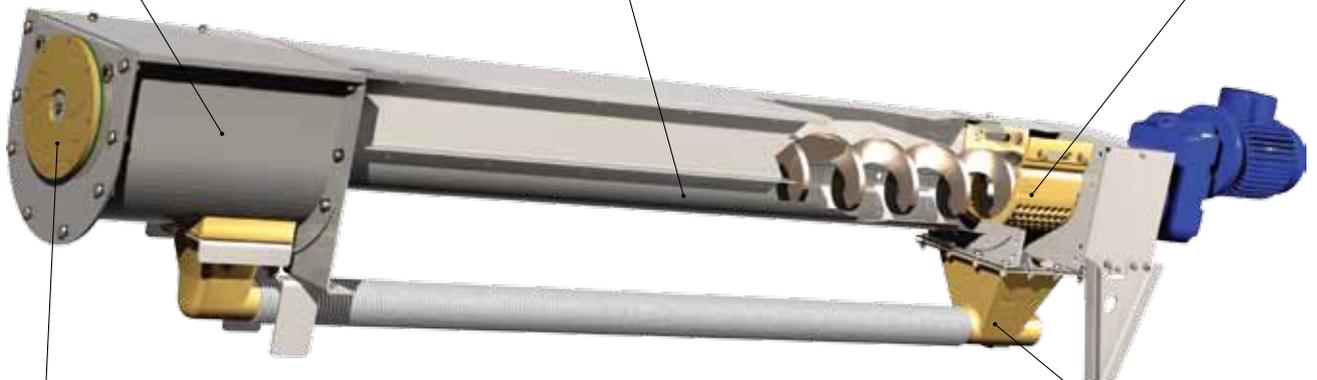
Outlet Compaction Section with Washing System Included



Liner/ Slide Plates



Internal Adjustable Self-cleaning Drainage Screen



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

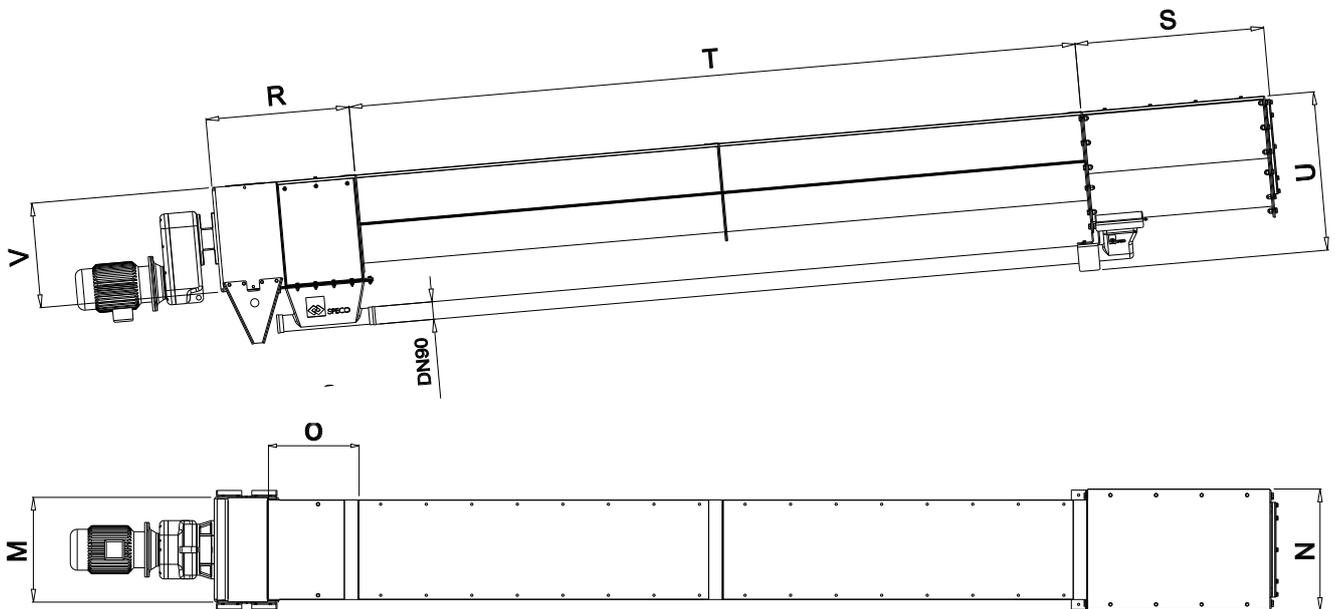


Non-stick Liquid Collection Box

Benefits

- ✓ Two functions - one machine: conveying 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	Lc (standard)	R	Lc * min. - max.	S	U	V	M	N	O	α	ft ³ /hr	HP
CPS 200	6.6'	18"	3.3' - 20'	1.7'	2.0'	1.0'	1.1'	1.5'	0.8'	5° - 25°	70	2
CPS 300	9.8'	24"	6.6' - 26'	2.5'	2.5'	1.4'	1.4'	1.8'	1.1'	5° - 25°	175	3
CPS 400	13.1'	30"	6.6' - 33'	3.3'	3.0'	1.9'	1.9'	2.2'	1.6'	5° - 25°	285.0'	4

Accessories

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

Application



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