

## Screw Compactors WASTECOM™ CPS



MULTIPLE PATENTS

# HIGH-PERFORMANCE, MULTIFUNCTION, RELIABLE AND SILENT SCREW COMPACTOR

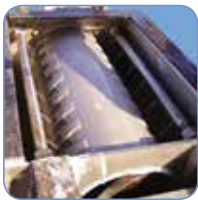
WASTECOM™ CPS Screw Compactors consist of a conveyor trough manufactured from stainless steel, a shaftless extra heavy-duty spiral in carbon steel and a patented compacting and de-watering discharge module including a special patented plug retention diaphragm.

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)



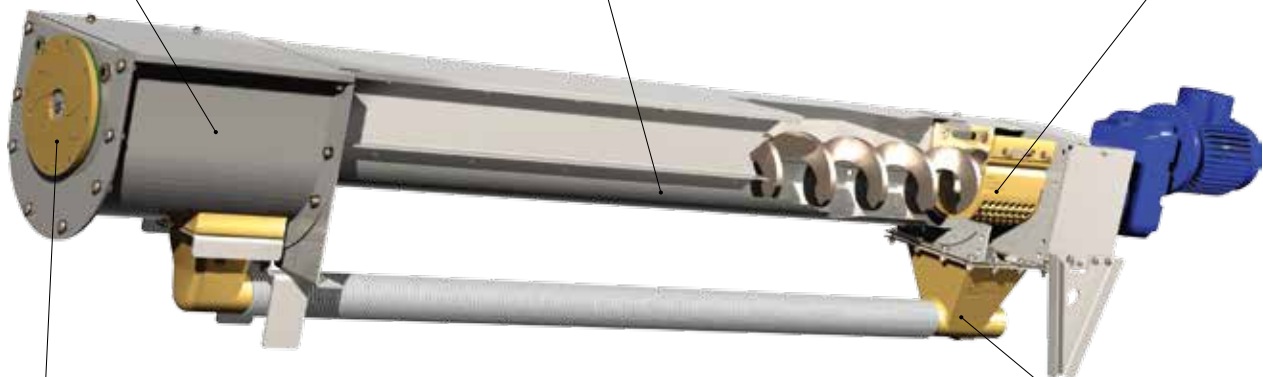
Outlet Compaction Section with Washing System Included



Liner/ Slide Plates



Internal Adjustable Self-cleaning Drainage Screen



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

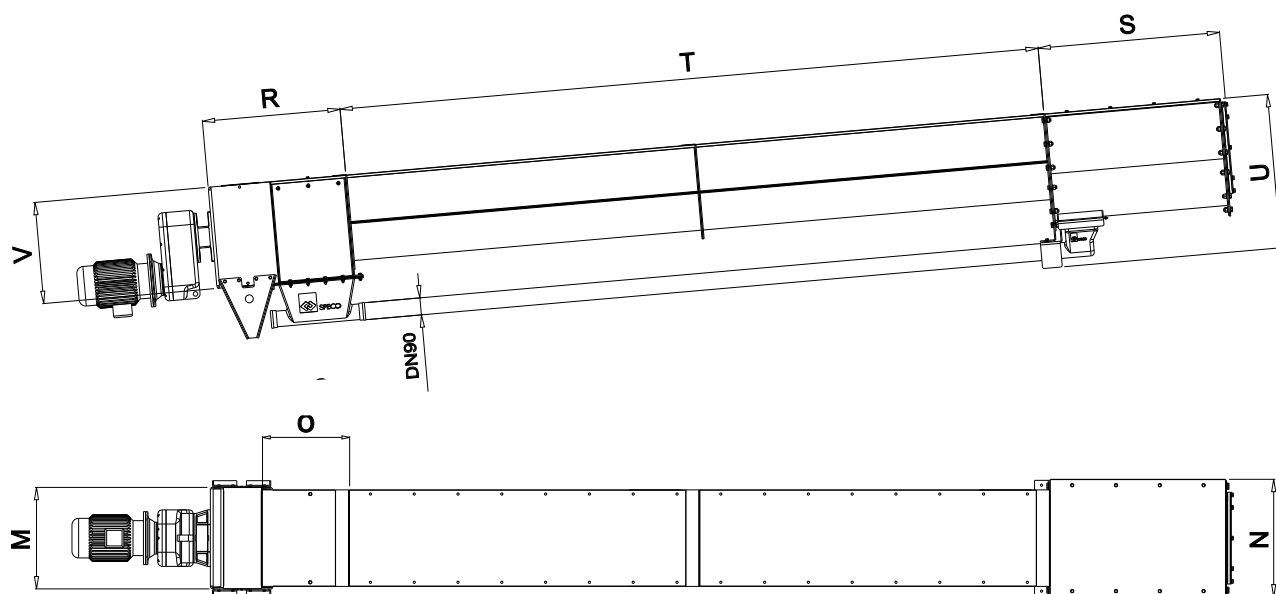


Non-stick Liquid Collection Box

## 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, odor-free;
- ✓ Low noise level;
- ✓ Low energy consumption.

## Overall dimensions



MODEL	Lc (standard)	R	Lc * min. - max.	S	U	V	M	N	O	$\alpha$	gal/ min	Hp
CPS 200	78.74	19.29	39.37-236.22	20.87	23.62	12.60	12.87	17.52	9.06	5° - 25°	8.81	2.01
CPS 300	118.11	23.86	78.74-314.96	29.53	29.80	17.32	17.32	21.46	12.72	5° - 25°	22.01	2.95
CPS 400	157.48	30.43	78.74-93.70	39.37	35.79	22.64	22.64	26.10	19.53	5° - 25°	35.22	5.36

Dimensions in inch - (\*) pitch 19.7 inch

## 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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