

WASTEMASTER™

Combined Pre-Treatment Plant
TSF-3



4.5 MGD WASTEMASTER™ Compact Plant



WASTEMASTER™ TSF-3 Combined Pre-Treatment Plant

A Self-Contained Pre-Packaged Treatment Plant
with Solids Screening, Grit Removal and Degreasing.



200 GPM SPECOCO Compact Plant

The WASTEMASTER TSF-3 Combined Pre-treatment Plant is a complete, above-ground headworks requiring minimal space and civil works. This compact plant can be the only pre-treatment for a small plant or a way to increase pre-treatment capacity. It can also prevent overloading of downstream processes in any size plant. The standard SPECOCO® design utilizes a WASTEMASTER GCP screw screen. However, other screen types such as rotating drum or multi-rake designs are an option depending on the application.

With over 10-years of experience and 500 installations worldwide, SPECOCO's application and technical knowledge insures proper sizing and component selection for each specific application. The unique modular design allows this SPECOCO compact plant to be configured for standard or specialized pre-treatment applications. The SPECOCO Combined Pre-treatment Plant can be found processing wastewater, sludge, FOG and septage worldwide.

Features

- Compact, modular design.
- Best foot print / net volume ratio.
- Volume reduction of solids up to 40%.
- Long lasting, heavy-duty screws.
- Proprietary floating scraper.
- Above ground installation.
- Requires little space and minimal civil works.
- Low investment and maintenance costs.
- Sectional, durable polymer brushes for long life and ease of maintenance.
- Can be assembled on site.



Dual Headworks Units



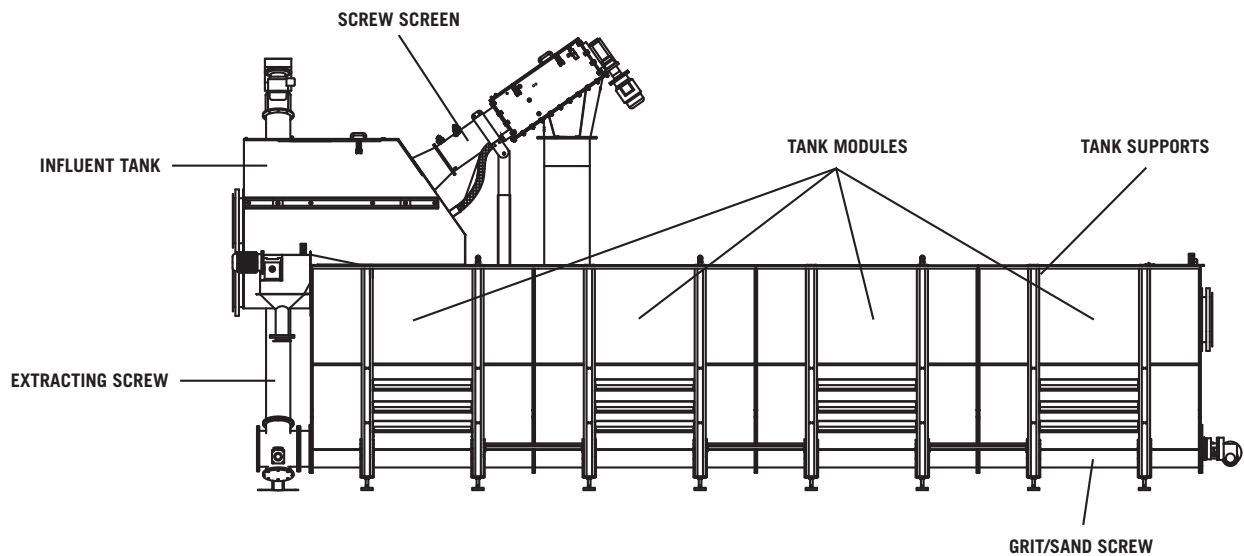
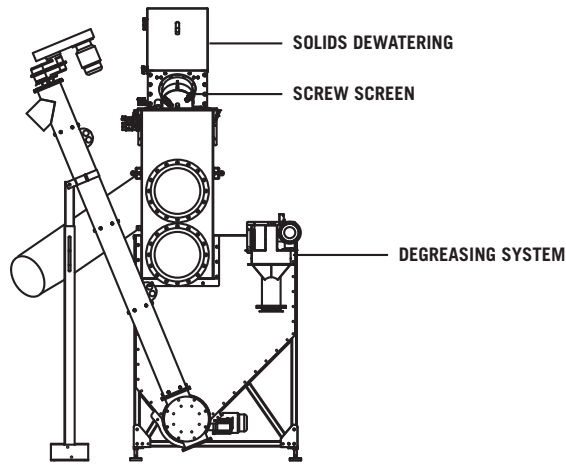
500 GPM SPECOCO Compact Plant

SPECO® WASTEMASTER™ Compact Plant Configured as a Septage Receiving Station





WASTEMASTER™ TSF-3 Combined Pre-Treatment Plant



Technical Information

Flow Rates From	150 gpm to 4.8 MGD
Sand Separation	95% Capture of Particle Size ≥ 0.2 mm
Standard Tank Widths	3.6 ft., 5 ft. and 6.5 ft.
Standard Tank Lengths	6.5 ft. to 39 ft.
Perf screen Openings	2, 3, 5, 6 and 10 mm
Wedgewire Openings	0.5, 1 and 2mm

Standard Wastewater Flow Rates

Model	Flo Rate
S 10	200 GPM
M 10	618 GPM
M 30	1.9 MGD
L 20	2.7 MGD
L 30	4.8 MGD