



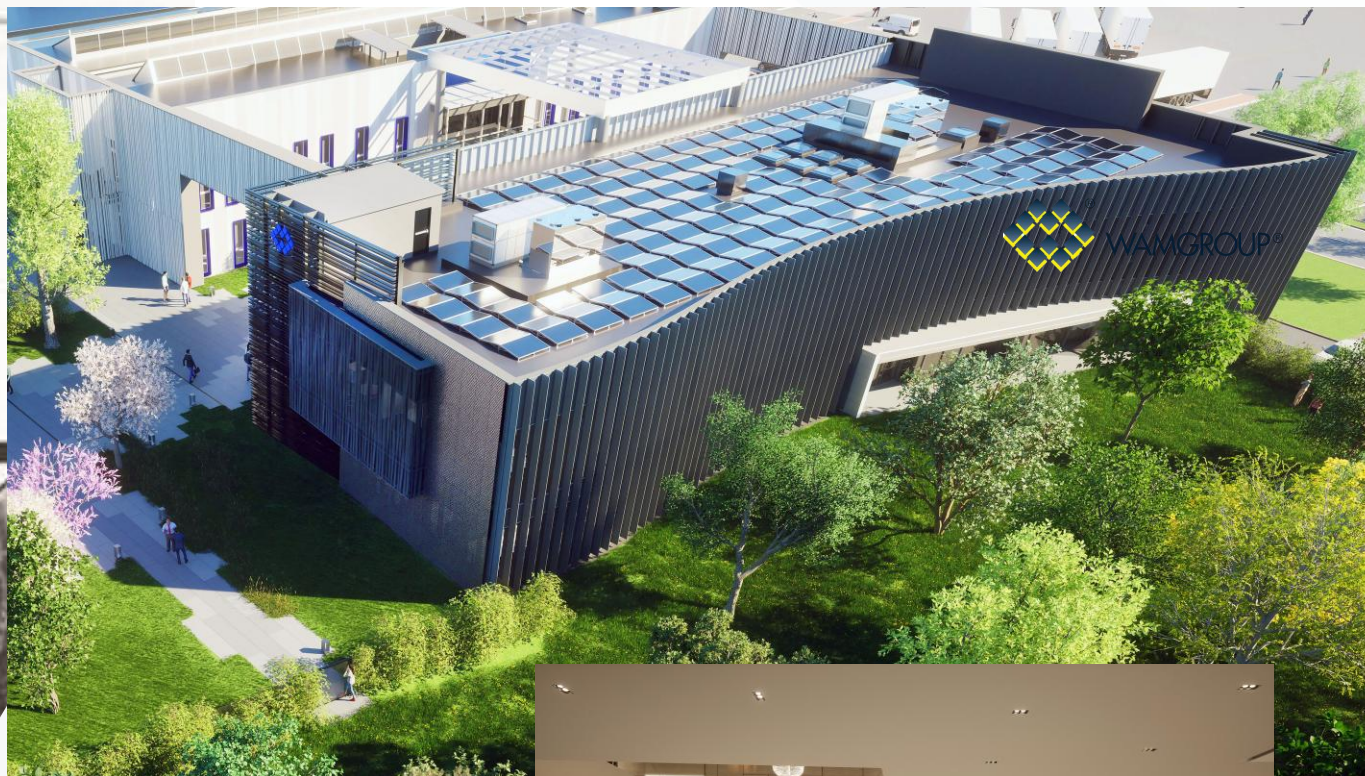
WAMGROUP

Municipal & Industrial Wastewater Treatment Technologies Seminar October 15th, 2026

Laurentiu Tudose – Regional Sales Specialist

www.wamgroup.ro





Almost 60 years ago, somewhere
near Modena...



WAMGROUP®

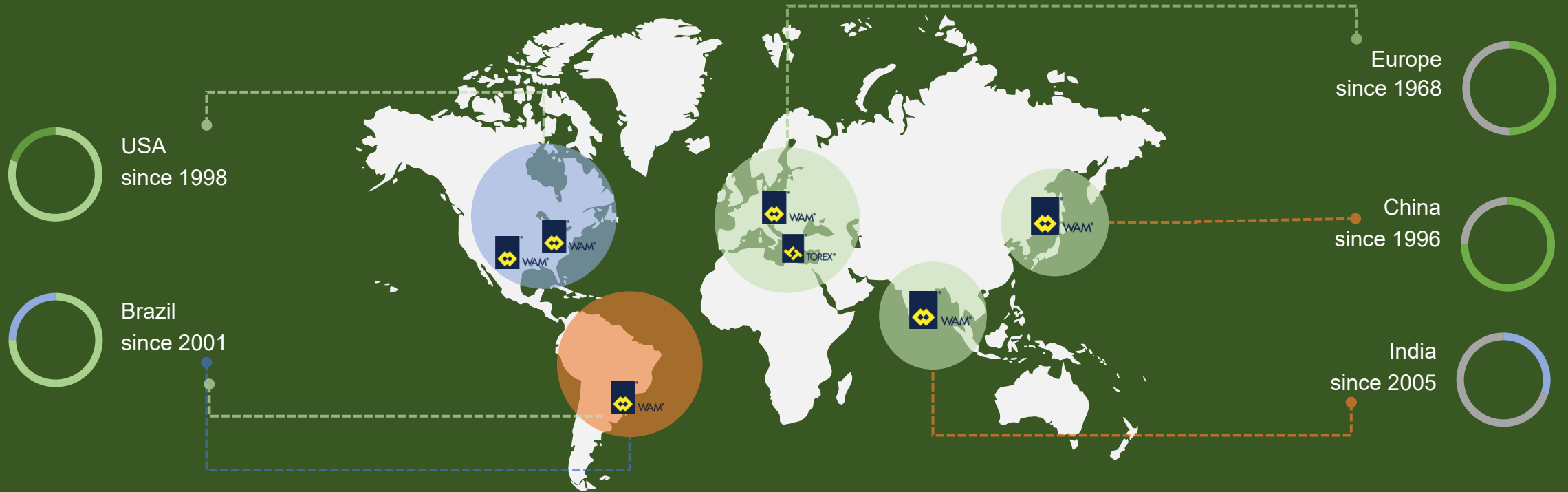
Employees at Group Level: **> 2.500**

Turnover: **> 500.000.000 € / year**

Trading Subsidiaries: **60+**



PRODUCTION FACILITIES 20+



01 North America

Atlanta, Georgia (US)
Fort Worth, Texas (US)

02 South America

São José dos Campos,
São Paulo (BR)

03 Europe – Middle East

Modena (IT)
Zagreb (HR)
Campina (RO)

Kütahya (TR)
Mumbai (IN)

04 China

Wuxi (CN)



**Bulk Solids Handling
Equipment**



**Bulk Solids Handling
Equipment**



Mixing Technology



**Bulk Solids Discharging
Equipment**



**Mechanical Conveying
Waste Water Treatment
Hydroenergy Equipment**



**Helicoid Flighting
Augers**



**Engineering Polymer
Components**



Silo Technology



**Bulk Solids Handling
Equipment**



**Oscillating Conveyor Tech
Tensioning Technology
Rubber Suspension Tech**



**Solids-Liquid Separation
Equipment**



**Waste Water
Treatment Equipment**



**Solutions for Waste
Water Treatment Plants**



**Solutions for Waste
Water Treatment Plants**



**Solutions for Waste
Water Treatment Plants**



WAM Trading Romania markets the **entire range of WAMGROUP** products throughout **Romania, Bulgaria, and the Republic of Moldova.**

Employees **WAMGROUP** in Romania: **> 140**

Turnover: **> 20.000.000 € / an 2025 (4%)**





TABLE OF CONTENTS

1. WAMGROUP
2. LIFTING
3. SCREENING
4. COMPACTORS
5. GRIT TREATMENT
6. COMPACT PLANTS
7. SEPTAGE RECEIVING STATIONS
8. CLARIFIERS
9. SLUDGE TREATMENT
10. LIME DOSING
11. MISCELLANEOUS

WAMGROUP / SAVECO

SAVECO NETWORK

- **SAVECO ITALIA**
- **SAVECO FRANCE**
- **SAVECO IBERICA (Spain)**
- **SAVECO MIDDLE EAST (UAE)**
- **SAVECO NORTH AMERICA (USA)**
- **SAVECO ENVIRONMENTAL (UK)**
 - **SAVECO MEXICO**
- **SAVECO Gmbh (Germany)**

LIFTING

Archimedean Screw Pumps



Range: 600 to 4000 mm

Flow rate: up to 4500 l/s

Double or triple flight

Self supported units available

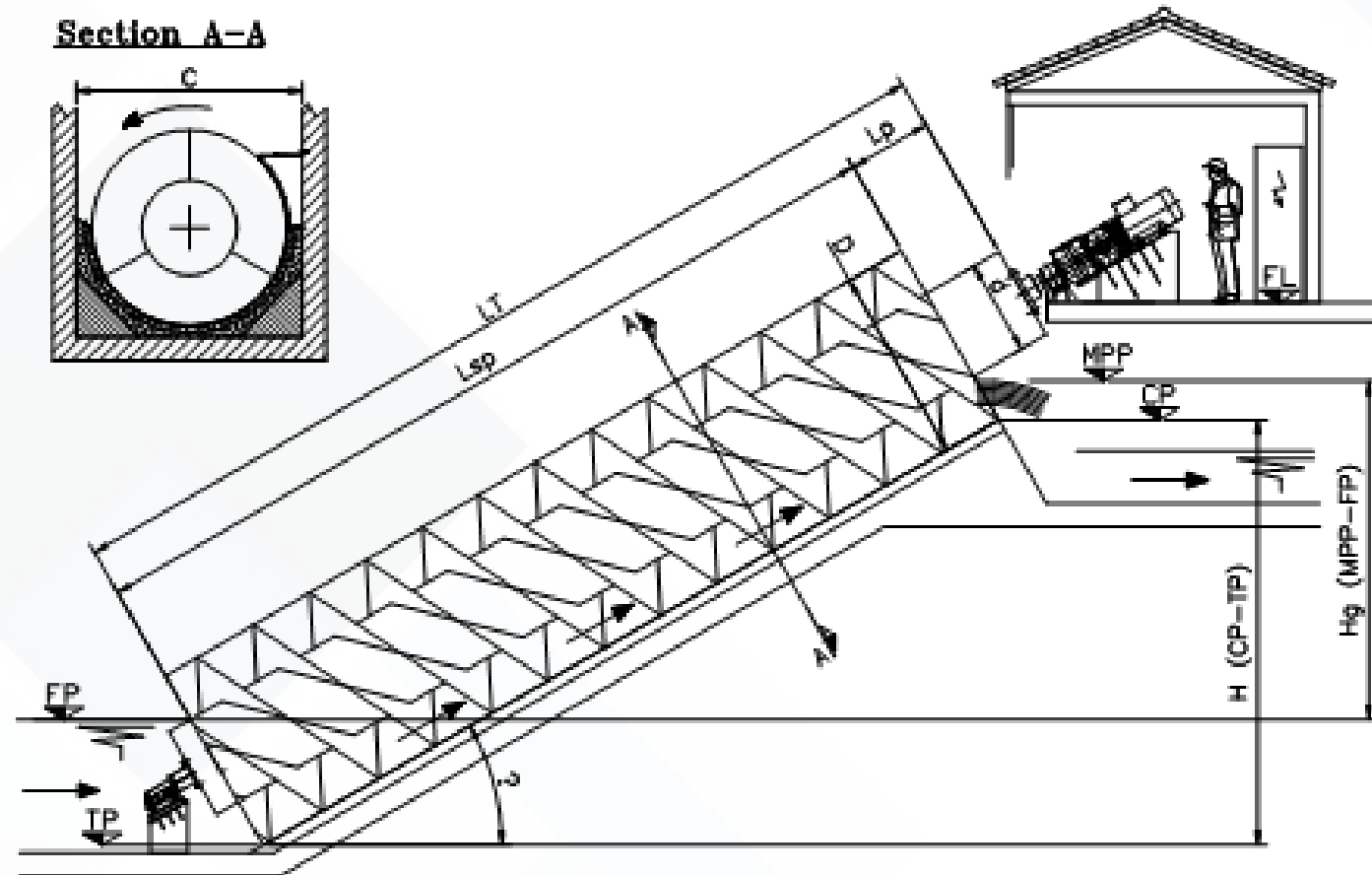
More than 1600 units installed



KEY PARAMETERS

What are the minimum parameters for sizing

- 1) Required capacity «Q»
- 2) Inlet point «TP»
or
Filling point «FP»
- 3) Discharge point «CP»



PA1500 Archimedean Water Screw Pump Field Irrigation Mezzocorona Trento-Italy



COMPANIA REGIONALA DE APA BACAU S.A WWTP Tg. Ocna



SCREENING

MultiRake Bar Screen

GVB - Fine (6 -8 mm) GVB coarse (10 - 40 mm)
and GVS Perforated Screen (3 – 6mm)
Channel width: from 400 to 2.000 mm

Discharge heights: up to 10.000 mm

Filtration height: 1000 - 1500 – 2000 - 2500 -
3000mm
75° or 90° angle of installation





SAVECO®

Perforated Belt & Step Screens WAMGROUP®

Front Load Perforated Screen VFR

From 600 to 1.400 mm width (up to 2.000 mm under request)

From 60° to 75° degree installation angle

Perforated media openings with 3 and 6 mm

Discharge height up to 5 meters (500 mm step)



Step Screen VTR

From 600 to 1.200 mm width

Discharge height from 1.000 to 3.000 mm

3, 5 and 6 mm spacing

55° angle of installation



WAM Configurator



GVB MECHANICAL BAR SCREEN - 2139085

Version	Normal	↺	✓
Inclination	75°	↺	✓
Size	400	↺	✓
Material	304L SS	↺	✓
Discharge height	4 m	↺	✓
	2500	↺	✓
Canal height (mm)			
Gearbox side	Right	↺	✓
Bar spacing (mm)	10 mm, 1500 mm	↺	✓
Additional rakes	None	↺	✓
Gearbox	with commercial gearbox (STD)	↺	✓
Electric motor	IE3 (STD)	↺	✓
Voltage and frequency	N = 220-240 / 380-420 V 50Hz 440-480V 60Hz	↺	✓
Degree of protection	4 = IP55	↺	✓
Control panel	Without	↺	✓
Modular abbreviation *	GVB/N/75/040/2/40/R/10B/+C/4/N/4/+		

[↶ Start over](#)
[↶ Back](#)
[➡ Forward](#)
[↺ Refresh](#)
[🛒 Cart](#)
[ℹ Specifications](#)
[⏸ Suspend](#)
[✕ Cancel](#)
[📄 Message log](#)

Machine Type
Last modification date
Item
Modular abbreviation
Machine - Lead time
Extra - Lead time
Label codes

GVB
 20/04/2026
 GVB04024010NQ####
 GVB/N/75/040/2/40/R/10B/+C/4/N/4/+
 41
 2

Product description

Size: 400
 Material: 304L SS
 Discharge height: 4 m bars
 Canal height: 2500 mm
 Bar spacing: 10 mm, 1500 mm
 Gearbox: with commercial gearbox (STD)
 Electric motor: IE3 (STD)
 Voltage and frequency: N = 220-240 / 380-420 V 50Hz 4-
 Degree of protection: 4 = IP55
 Control panel: Without

PRODUCTS

	All	Manufacturing		
Description	Amount	Price	Delivery date	
COARSE MULTIRAKE BAR SCREEN GVB SIZE 400 Glass peening IN 304L SS	1	28752	26/06/2026	
Base machine	1	28752		

Screw Screens

Inclined Screw Screen: GCP-GCE

Flow rate: up to 330 l/s

Screen opening: 2, 3, 5, 6, 10 mm
(WedgeWire available 0.5mm, 1mm, 2 mm)

Screen angle: 35° (up to 45°)

In-tank version available



Vertical Screw Screen: GCV-GCEV

Flow rate: up to 100 l/s

Screen opening: 2, 3, 5, 6, 10 mm

Screen angle: 90°

In channel version available



MINI Screen: CT

Flow rate: up to 13 l/s (2 sizes)

Screen opening: 2 and 5 mm

Screen angle: 70°

In tank version available



GCV – Târgu Ocna Hospital- Penitentiary



TSF1 – FOX Meat Processing Plant



Fine Drum Screen VSA

Flow rate: up to 8.000 m³/h
 Screen opening: 1, 1.5, 2, 3 (MBR) – 6 mm not MBR
 mesh screen available
 Screen angle: 35°
 In tank version available



Internally Fed Drum Screen RTV

Flow rate: up to 2.500 m³/h
 Screen opening:
 1 – 6 mm Round Holes
 0,25 – 2,5mm WW
 No seals – excellent bypass resistance



Externally Fed Drum Screen SGR

Flow rate: up to 2.100 m³/h
 Screen opening (WW): from 0.25 to 2.5 mm
 Optional Overflow



Highest capture ratio in the market - Thompson Test Report: 66% (6mm), 86% (2mm), 92% (1 mm)

DS SMITH – Zărnești Paper Mill





SAVECO®



SGR EXTERNALLY FED DRUM SCREENS WWTP FOOD PROCESSING & CATERING WASTE WATER - ITALY



COMPACTORS

Screw Compactors CPS

Conveying rate: up to 8 m³/h
Unit length: up to 10 m
Screenings volume reduction:
up to 45%



Shafted Washer Compactors VWP

3 models: up to 6 m³/h
Volume reduction: up to 70%
Compact design



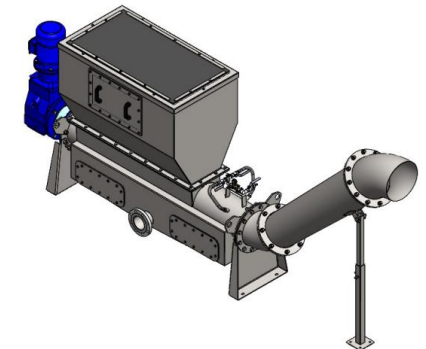
Shafted Intensive Washer Compactors VWP WM

3 sizes available: up to 6 m³/h
High performance washing system with special hopper and impeller
Volume reduction up to 75%



Shafted Washer Compactors – VWP–HD HIGH LIQUID FLOW RATES

3 models: up to 6 m³/h
Volume reduction: up to 70%
Compact design
Specialized version for heavy duty application
(e.i. Belt Screen)



“Maria Skłodowska Curie” Clinical Emergency Hospital for Children



GRIT TREATMENT

Grit Treatment Equipment

Aerated Grit Chamber DSF 2/3



Flow rates of up to 300 l/s

Sand separation: 95%
particle size $\geq 200 \mu\text{m}$

Grease removal (option)

Travelling Bridges for Grease and Grit Removal PVD/PVA

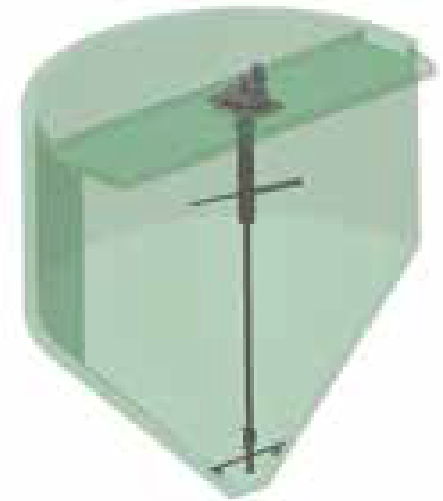


Quick installation

High efficiency grit and
grease removal

Easy installation even in
existing tanks

Circular Grit Trap DSP



Available for up to 6 m
diameter tanks

Central bearing

Carbon steel hot dip-
galvanised or 304 L / 316 L
stainless steel

WWTP CAMPINA



Grit Washer CLSW



High separating capacity
> 95% of 0.2mm

Organic content can be
reduced to < 3%

Flow rate up to 30 l/s

Fluid Dynamic Grit Classifier FGC



High separating capacity
> 95% of 0.2mm

Small foot print

Flow rate up to 36 l/s

Grit Classifier DS

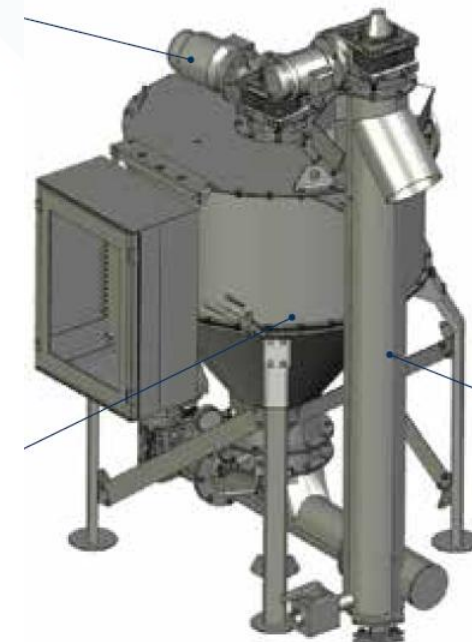


Separating capacity of
90% of 0.2mm

Low speed rotation

Flow rate up to 36 l/s

Grit Washer LCS



Organic content can
be reduced to < 3%

Dry fed unit

WWTP CAMPINA



COMPACT PLANTS

Compact Plants TSF2/3

- Flow from 5 to 300 l/s
- With/without degreasing system (2/3 model)
- 3 standard tank widths (1.2 m, 1.5 m and 2 m)
- Standard Tank lengths: from 2 to 14 m
- Available with other screening technologies (Screw Screen, MultiRake and Drum Screen)
- Self-adapting, fully floating screw
- Shaftless Grit screws for all machines
- Discharge angle of grit screw can be adjusted



TSF COMPACT UNITS IN OPERATION IN ROMANIA



WWTP LUDUS



Floating Screw



Mini Treatment Plant

- Flow from 13 l/s
- With degreasing system
- 2 sizes
- Self-adapting, fully floating screw
- Shaftless Grit screws for all machines

SEPTAGE RECEIVING

Septage Receiving Station

VFA DM "The Beast"



- Built around the proven VSA Drum Screen design
- Three sizes : Model 800 – 100 m³/h
Model 1200 – 150 m³/h
Model 1400 – 200 m³/h
- Septage, FOG(Fats, Oils and Greases) Sludge...
- Two stage tank design engineered to eliminate solids accumulation
- No Rock trap, No grinder
- 6mm openings
- 25° angle of inclination increases solids capacity

Screw Screen in Tank TSB1

Flow rate: up to 100 m³/h
2 sizes
Openings: 5, 6 and 10 mm



Compact Plants TSB2/3

Flow rate: up to 100 m³/h
Grit removal
Self-adapting, fully floating screw

COMPANIA DE APA DAMBOVITA

WWTP PUCIOASA



CLARIFIERS

Clarifiers (Settling Tanks)

Travelling Bridges for Settlement Tanks PVS



Available for up to 13 m wide and 60 m long tanks

Sludge and scum removal devices included



Peripheral Traction Clarifiers PTP



Available for tanks of up to 60 m in diameter

Scum removal device included

Hot dip-galvanised carbon steel or 304 L / 316 L stainless steel



Central Traction Clarifiers PTC



Available for tanks of up to 16 m in diameter

Electric torque limit switch, scum removal device, and walkway on request



WWTP SIGHISOARA - MURES





SLUDGE TREATMENT

Sludge Thickeners ISP

Up to 16 m diameter tanks

Central bearing for units larger than 12 m in diameter

Hot dip-galvanised carbon steel or 304 L / 316 L stainless steel



Shaftless or shafted screw conveyors SSC/SSX

Throughput rates: up to 45 m³/h for sludge; up to 13 m³/h for screenings

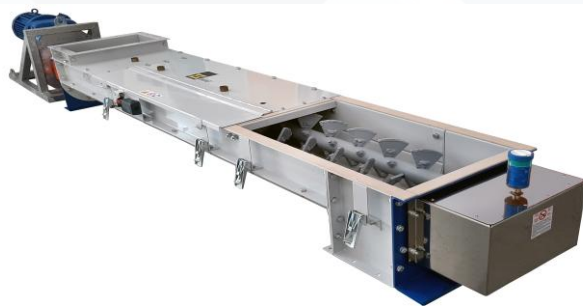
Trough in SS 304L or 316 L and spiral manufactured from carbon steel or 304L / 316L stainless steel

UHMWP / DURASINT trough liner



Continuous Twin Shaft Paddle Mixers MESOC

The MESOC-type Twin Shaft Paddle Mixer is among the most efficient yet economic mixer types for inerting sludge.



Continuous Single Shaft Mixers WAH

The WAH Continuous Single Shaft Mixer is the ideal machine to obtain highest quality mixtures. Mixing with WAH is quick though gentle and efficient.



WWTP CAMPINA



WWTP BUZAU



WWTP STEFANESTII DE JOS, ILFOV



MESC Mixing Shaft



LIME DOSING

Lime Dosing

Pressure Switch Meters

Butterfly Valve

Pinch Valve

Silo Venting Filter

Membrane Pressure Relief Valve

Rotary Level Indicator

Drop-Through Rotary Valve



Bin Activator

Tubular Screw Feeder

Micro-batch Feeder

Silo Safety System

Anti-wear Pipe Elbows

Spring-loaded Pressure Relief Valve

WWTP BUZAU



WWTP CAMPINA



MISCELLANEOUS

Miscellaneous Equipment

Penstock



Isolating a piece of equipment

Shutting off a whole part of a plant

Controlling water level and/or flow rates



FIBC Dischargers



SBB-type FIBC Dischargers ensure economic, dust-free discharging of bulk solids from bulk bags.





SAVECO®

Objective for the next 10 years: To become a global leader in the development and manufacturing of equipment and systems for the wastewater sector!

THANK YOU!

15/10/2026