

Specialised Technologies for Waste Water Treatment

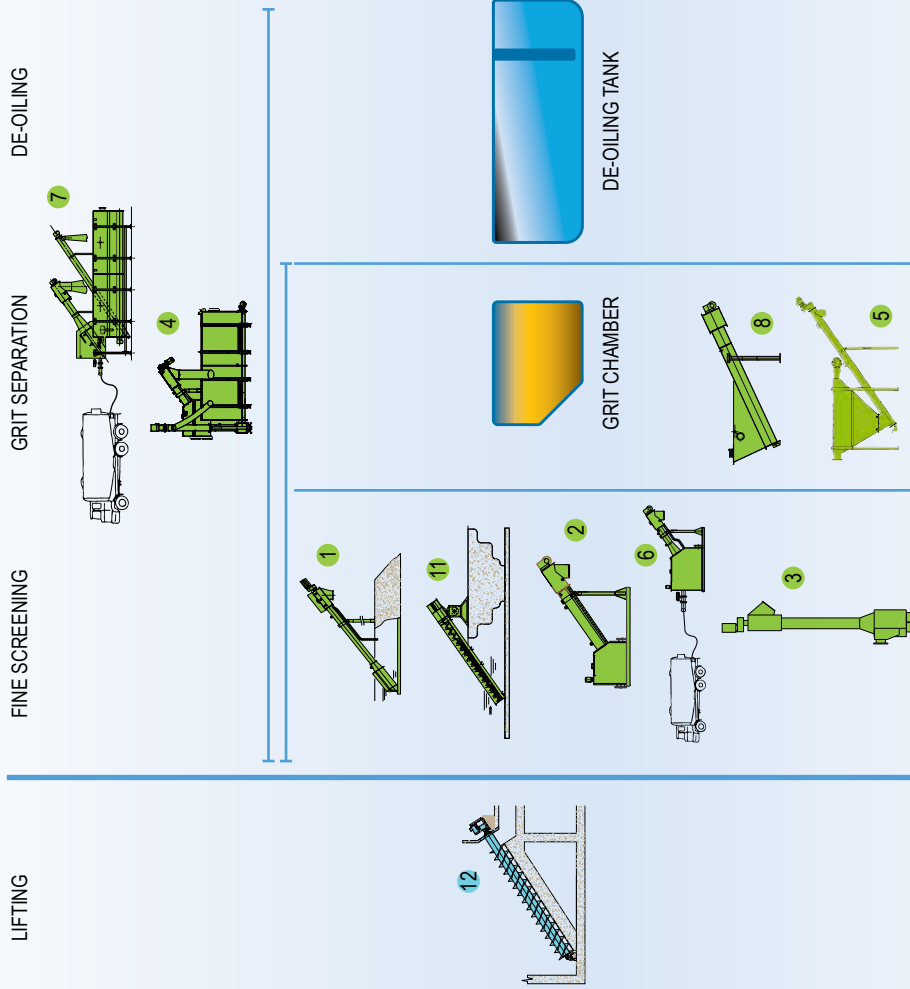


# Waste Water Technologies

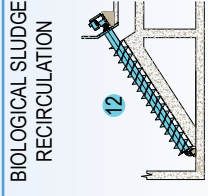
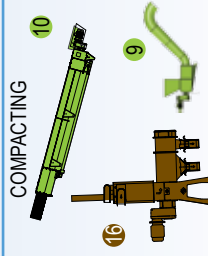
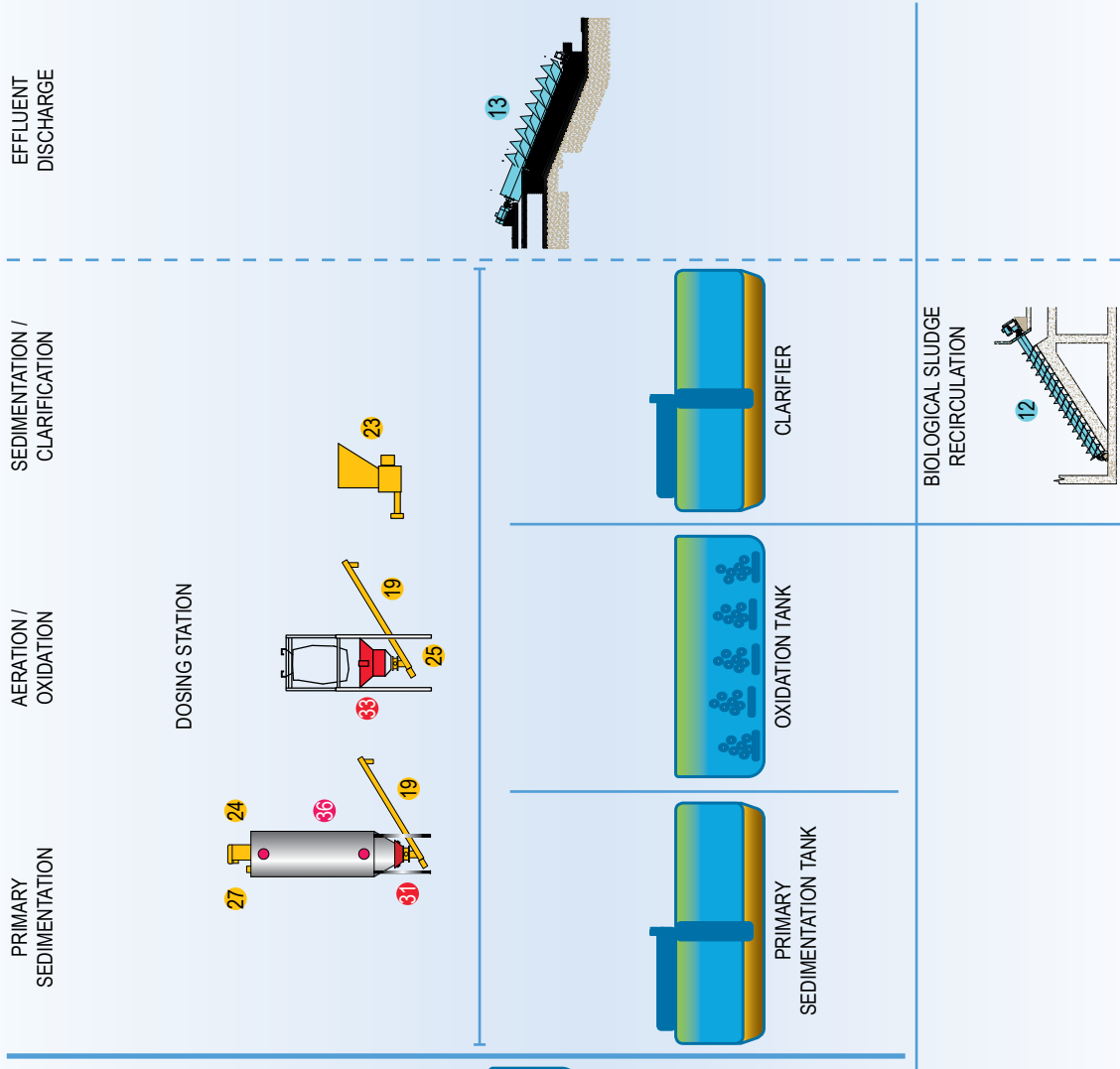
WAMGROUP® offers innovative system components tailored to the specific requirements of project engineers of waste water treatment plants. By selecting this specialised equipment, system designers have the assurance they will combine top quality and performance with the highest possible operating efficiency.

## WASTE WATER TREATMENT TECHNOLOGIES

### PRIMARY TREATMENT

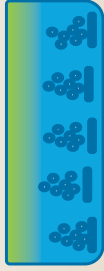


### SECONDARY TREATMENT

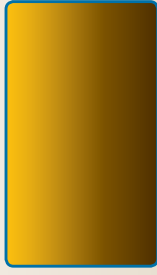


# SLUDGE TREATMENT TECHNOLOGIES

SLUDGE AEROBIC DIGESTION



THICKENING



SLUDGE ANAEROBIC DIGESTION



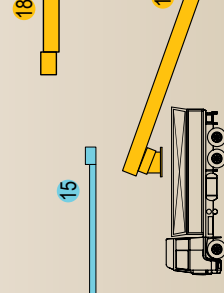
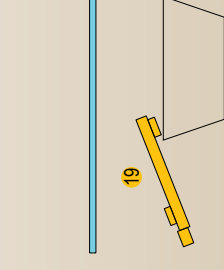
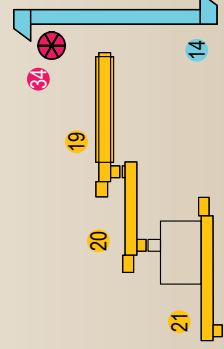
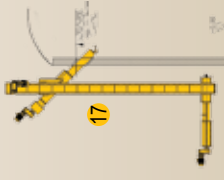
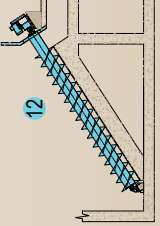
SLUDGE DRYING



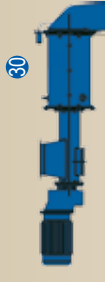
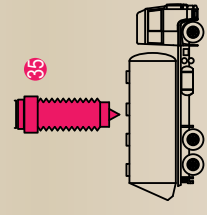
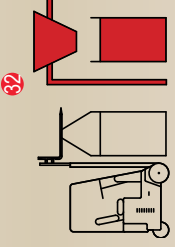
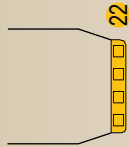
THERMAL DESTRUCTION



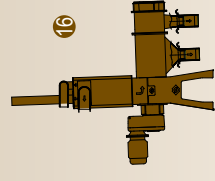
SLUDGE / DUST HANDLING



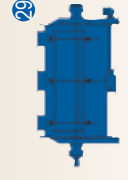
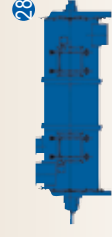
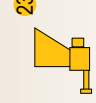
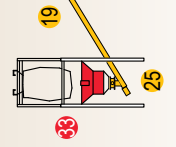
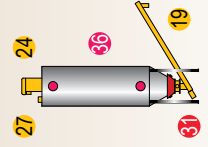
DISCHARGING



SOLIDS-LIQUID SEPARATION



SLUDGE CONDITIONING MIXING



1

Screw Screens GCP / GCE

*Screening without clogging*



2

Screw Screens GCP-C / GCE-C

*Free standing tank*



3

Vertical Screw Screens GCV

*Small footprint*



4

WASTEMASTER® TSF V01

*The most advanced compact plant*



5

GRITCLASS™ Grit Classifier FGC

*High separation performances*



6

WASTEMASTER® TSB 1

*Optimum septic tank discharge*



7

WASTEMASTER® TSB 2/3

*Optimum septic tank discharge*



8

GRITSEP® Grit Separators DS

*Simple and reliable*



9

WASTECOM™ Screenings Washing and Compacting Unit CLE

*High Efficiency and self-cleaning*



10

Screw Compactors CPS

*High dry solids content*



11

POLYSCREW™ Multiple Screw Screens

*SINT™ polymer screen*



12

Archimedeian Water Screw Pumps PA

*Maximum durability and reliability*



13

Hydrodynamic Screws PAE

*High efficiency in generating energy*



14

Bucket Elevators EI

*Low running costs*



15

Chain Conveyors TCG/Belt Conveyors NTS

*For dried sludge extraction*



16

SEPCOM® Screw Separators

*High de-watering efficiency*



17

Bulk Biomass Conveying System TCB

*Clean and silent*



18

Shaftless Spiral Conveyors SSC

*No seal adjustment requirement*



19

Tubular Screw Feeders TU

*Efficient lime feeding from silo*



20

Trough Screw Conveyors CA

*Sturdy design*



21

Single Shaft Screw Feeders SU

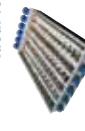
*Efficient material extraction*



22

Live Bin Bottoms MU

*Ideal for discharging wet sludge*



23

Micro-Batch Feeders MBF

*High feeding accuracy*



24

WAMELO® Silo Venting Filters

*Easy filter element replacement*



25

Butterfly Valves VFS

*Easy and quick maintenance*



26

Slide Valves VL

*No seal adjustment required*



27

Polymer Pressure Relief Valves VHS-C

*Safety for people, plant and environment*



28

Continuous Mixers WAH / MESC

*Ideal for sludge conditioning*



29

Batch-Type Single Shaft Mixers WBH

*Short mixing and discharge time*



30

Dust Conditioners DUSTFIX™

*For perfect dust conditioning*



31

Bin Activators BA

*Discharging of lime from silo*



32

FIBC Filling Stations RBB

*Dust-free Bulk Bag filling*



33

FIBC Dischargers SBB

*Easy bulk bag handling*



34

Drop-Through Rotary Valves RV - RVR

*Air-purged seals*



35

BELLOJET® Tanker Loading Bellows ZA

*Built-in low-profile dust collector*



36

ILT Rotary Level Indicators

*ATEX zone 20/21-certified*





# APPLICATION





UNI EN ISO 9001  
Certified Company



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