

REINFORCED CONCRETE TANKS

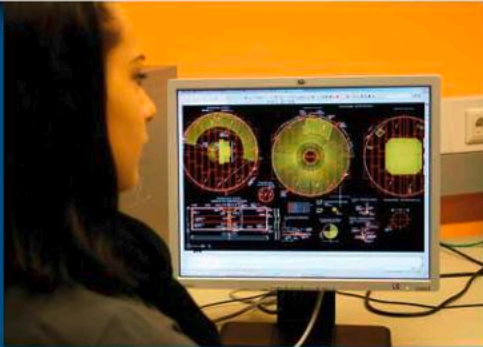


for Industry, Trade, Local Authorities, Agriculture

Wastewater Treatment Tanks
Stormwater Retention Tanks
Fire Sprinkler Tanks
Firefighting Water Tanks
Drinking Water Tanks

Biogas Plants
Slurry Tanks
Grain Silos
Animal Feed Silos
Large Capacity Silos

Technology - Planning - Structural Engineering



WOLF System -
your competent and flexible partner for all
kinds of silo and tank construction projects

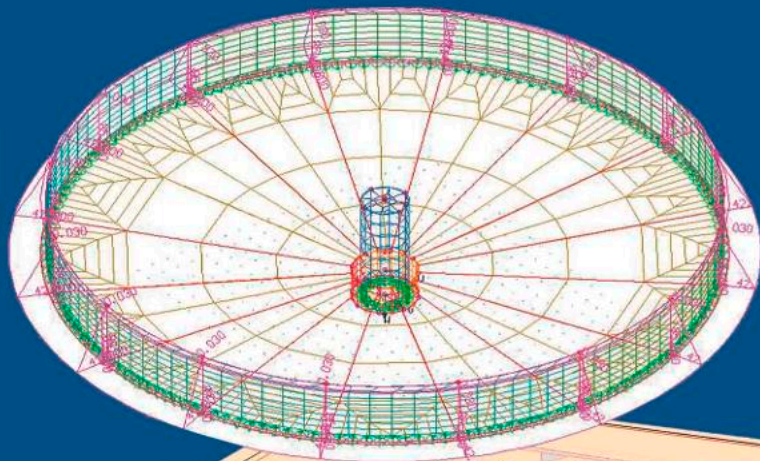
PLANNING - STATICS

Specially developed software programs for tank and silo construction enable our structural engineers to provide prompt and reliable structural calculations to meet every requirement.

DESIGN IN THE ROUND

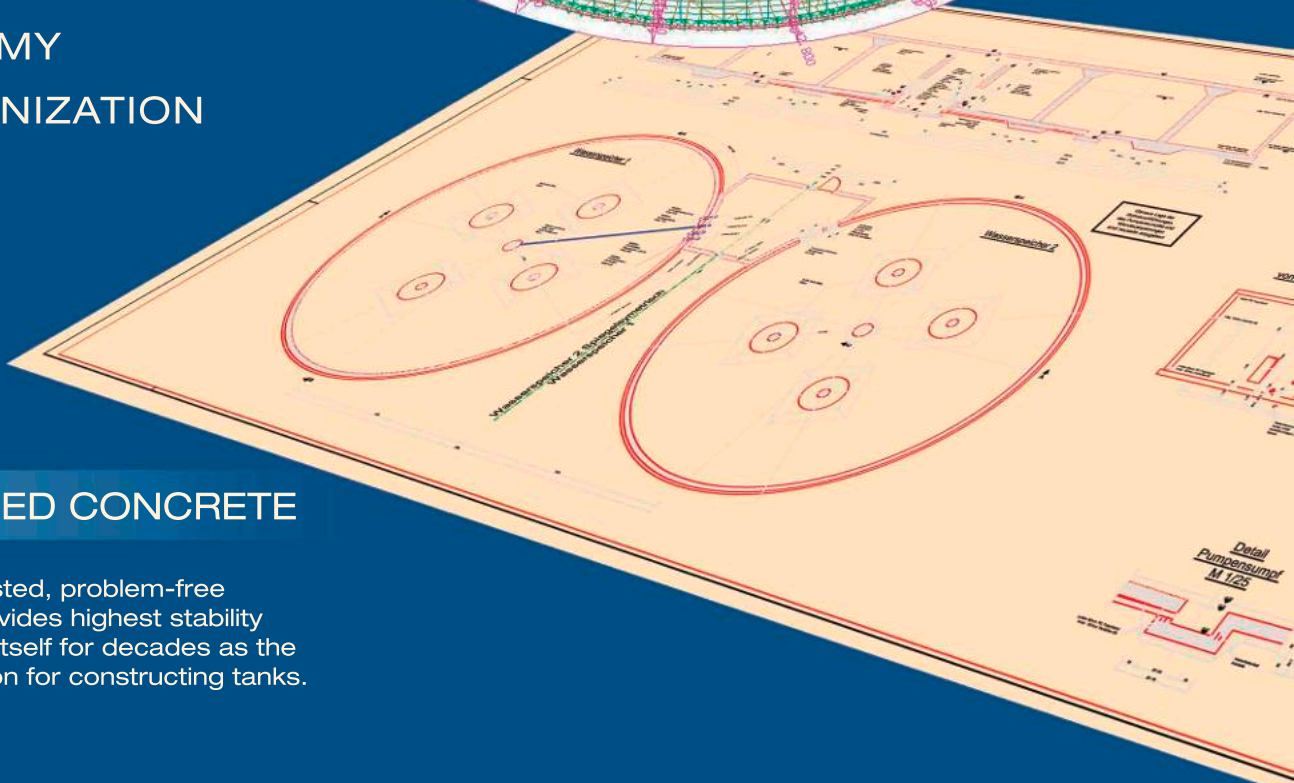
- is the ideal form for

- STRENGTH
- STABILITY
- ECONOMY
- MECHANIZATION



REINFORCED CONCRETE

the tried-and-tested, problem-free material that provides highest stability and has proved itself for decades as the economic solution for constructing tanks.



Special Steel Formwork

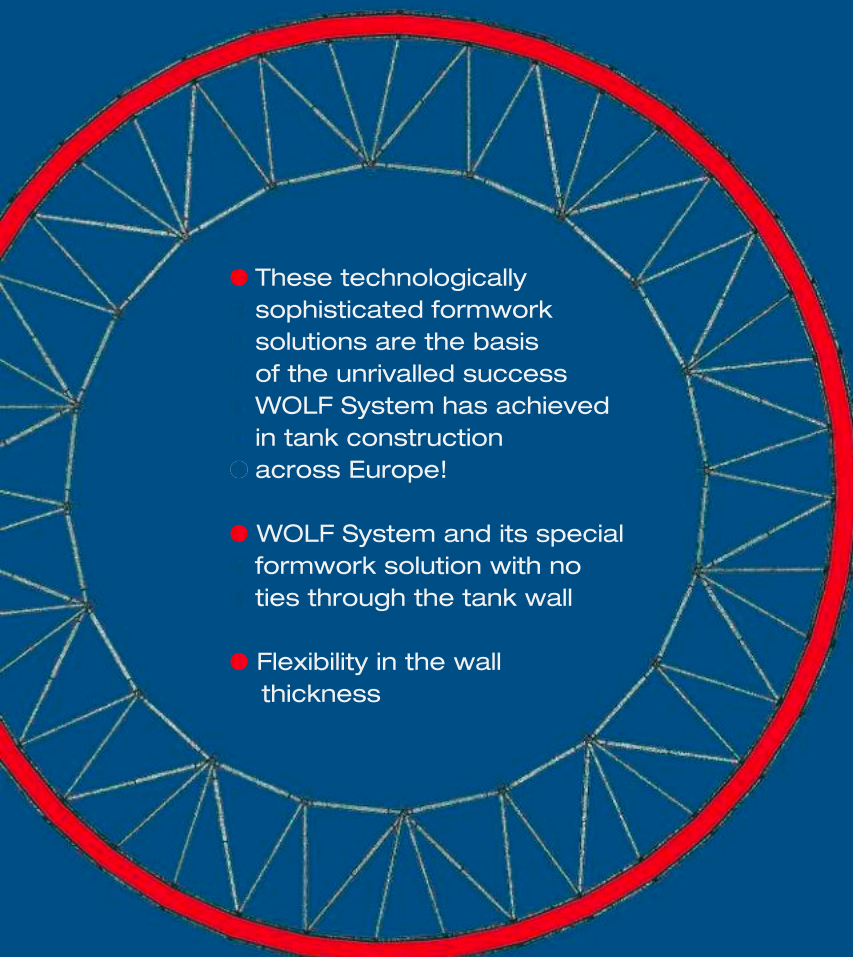
The special steel formwork, developed and produced by WOLF System, has proved itself through decades of service in the toughest environments.

WOLF System has the ideal solution for meeting continuously changing requirements with a strategy of constant further development and innovative adjustments.



Programme Overview – WOLF System – Formwork Types

Type 2.25	2.00 m - 2.75 m Ø	– for centre columns in sedimentation tanks, pumping stations
Type 3.5	3.00 m - 4.50 m Ø	– whole corn, CCM silos, mixing tanks, buffer tanks
Type 7	4.50 m - 10.00 m Ø	– industrial tanks, sawdust silos, bulk good silos
Type 12	4.00 m - 20.00 m Ø	– slurry tanks, drinking water tanks, fire sprinkler tanks
Type 24	10.00 m - 50.00 m Ø	– biogas plants, wastewater treatment plants, large capacity silos



- These technologically sophisticated formwork solutions are the basis of the unrivalled success WOLF System has achieved in tank construction
- across Europe!
- WOLF System and its special formwork solution with no ties through the tank wall
- Flexibility in the wall thickness



Large Capacity Silos - Sawdust Silos - Bulk Storage Silos



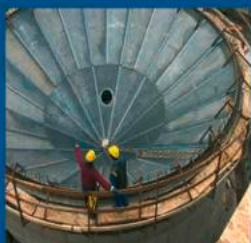
WOLF System -
sawdust silos and large capacity silos for the storage of

Fixed ladder access



Staircase

Extraction funnel
for bulk material silos



Large access door

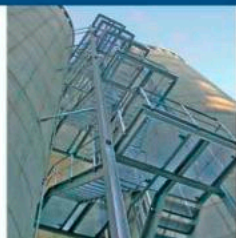
- wood chips
- sawdust
- pellets
- biomass
- cement
- lime
- gravel and all types of bulk goods

Dimensions of reinforced
concrete silos and tanks:
Diameters 4.00 - 40.00 m
Heights up to 40.00 m

Roof
explosion
vent

Wall
explosion
vent

Roof explosion vents



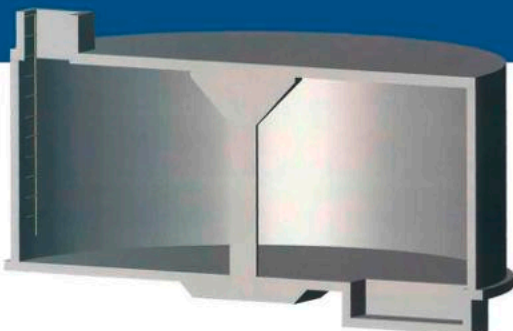
Water Tanks - Sprinkler Tanks - Wastewater Treatment Plants



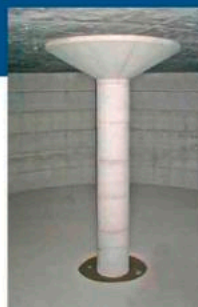
- DRINKING WATER TANKS
- FIREFIGHTING WATER TANKS
- FIRE SPRINKLER TANKS
- STORMWATER RETENTION TANKS
- RAINWATER HOLDING TANKS
- PROCESS WATER TANKS

- TANKS FOR WASTEWATER TREATMENT PLANTS
- AERATION TANKS
- SEDIMENTATION TANKS
- SLUDGE TANKS/DIGESTION
- PUMPING STATIONS

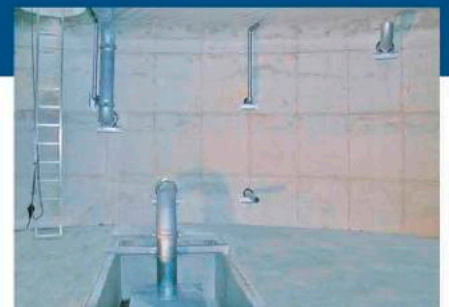
Reinforced concrete tank
Reinforced concrete roof slab
Centre column and sump pit



Centre column
of a flat roof

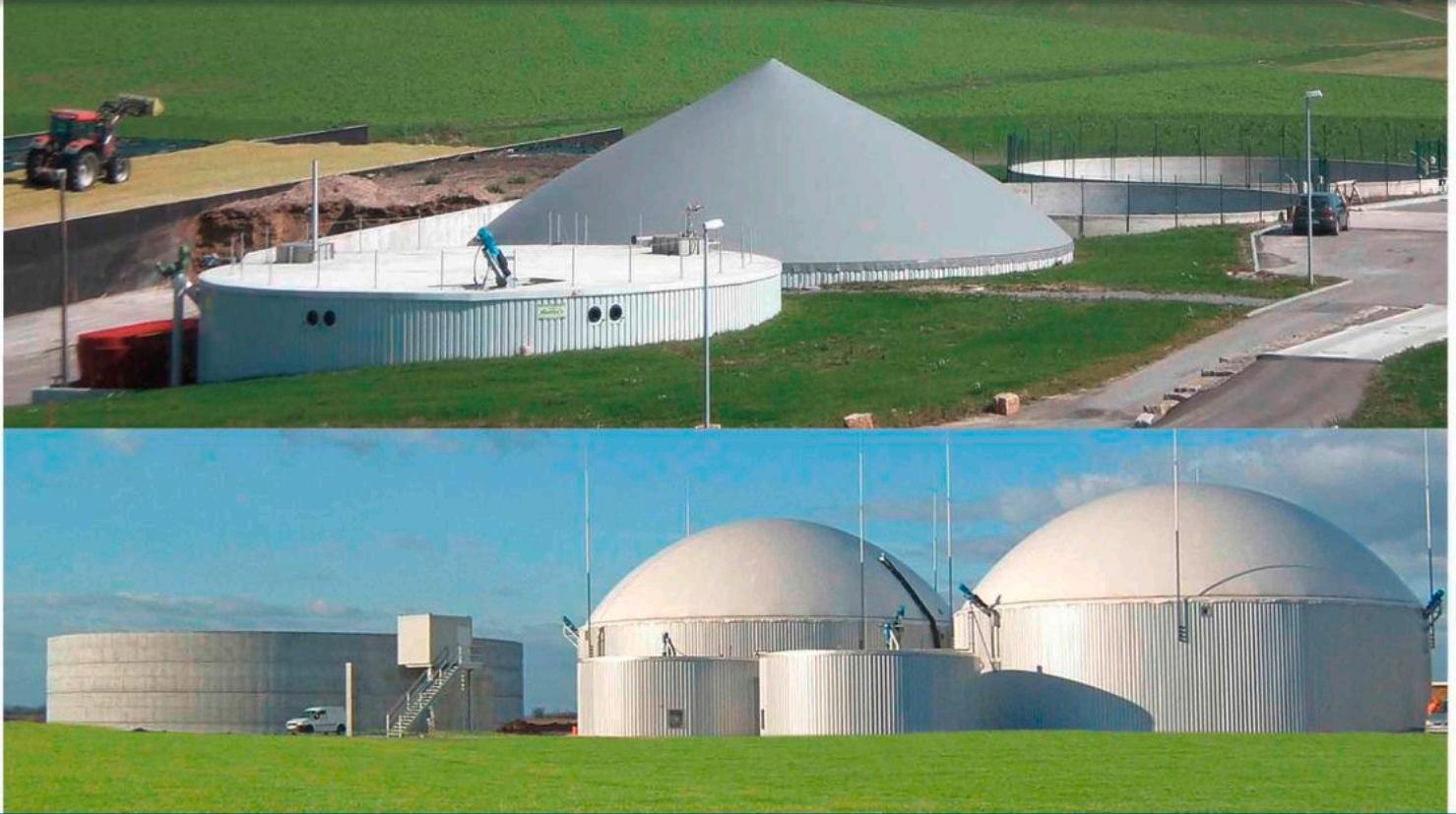


Interior view of the
sprinkler reservoir



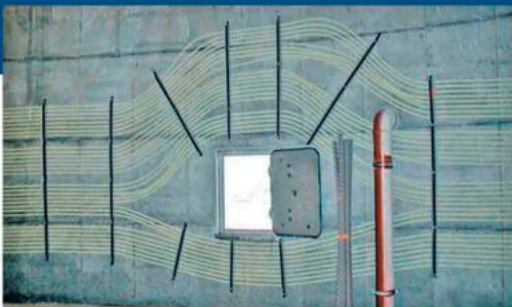
- Reinforced Concrete Tanks and Silos for Industrial

Biogas Plants



- TANKS FOR BIOGAS PLANTS
- DIGESTERS
- POST - DIGESTERS
- STORAGE TANKS

Heating pipes in
a biogas plant



Anchor pockets for
post-tension tanks

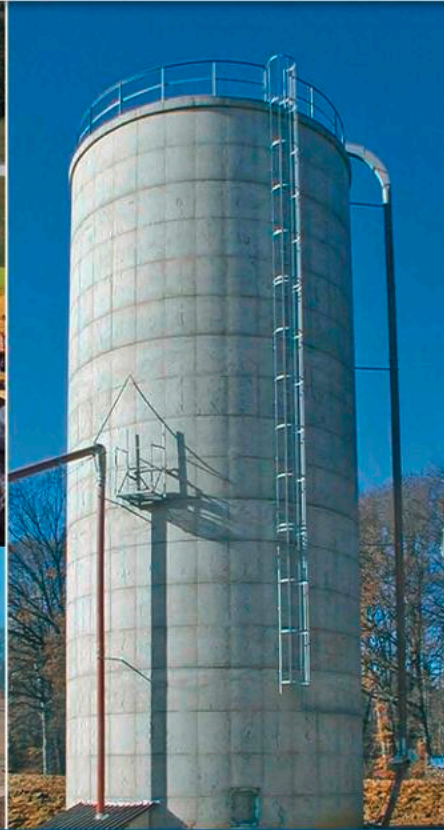
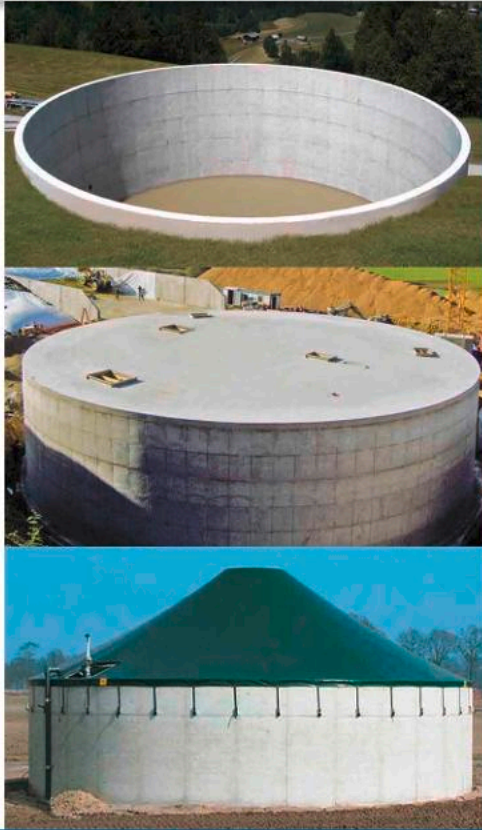


Pipe duct system
in the tank wall



ry, Trade, Local Authorities and Agriculture

Slurry Tanks - Animal Feed and Grain Silos



- SLURRY TANKS
- LIQUID FERTILIZER TANKS
- ANIMAL FEED SILOS
- WHOLE CORN SILOS
- GRAIN SILOS
- ALL KINDS OF SILOS AND TANKS

Flood valve



Covers for extraction and mixing openings



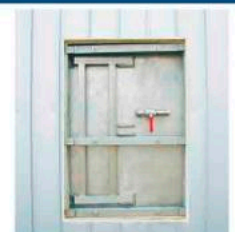
Gas-tight stainless steel silo door for whole corn silos



Feed opening



Gas-tight and dense stainless steel tank inspection door



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