

WANGEN PUMPEN – Superior Pumps for Waste Water Treatment Plants

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Reference List

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WANGEN PUMPEN Company Profile

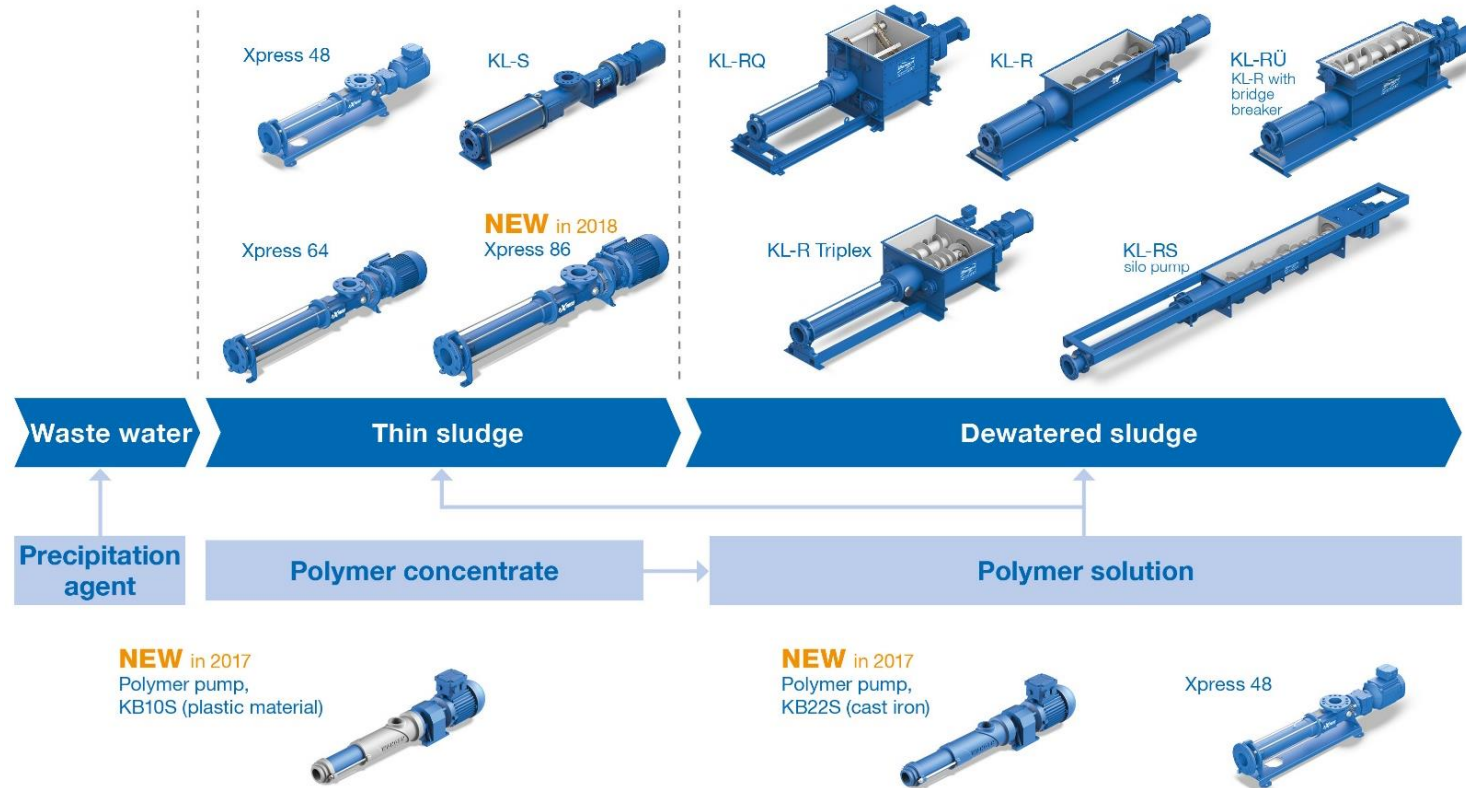
Growing from strength to strength

WANGEN PUMPEN at a glance:

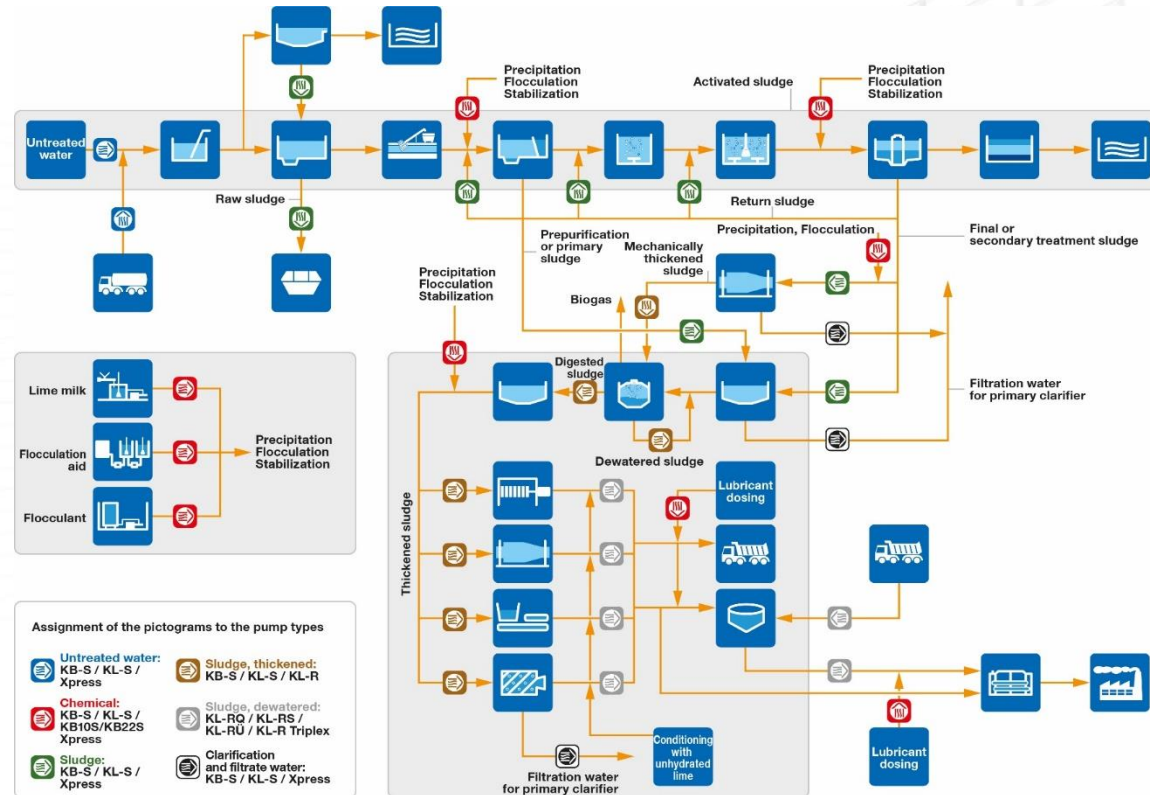
- More than 220 employees
- approx. 15 % trainees
- Sales volume approx. 36 Mio. €
- Export ratio approx. 45 %
- Brand success since 1969
- Production of Progressive Cavity and Twin Screw Pumps



WANGEN Pumps for Waste Water Treatment



Typical WANGEN Applications in Waste Water Treatment Plants





Kalajoki / Finland

WANGEN Product:

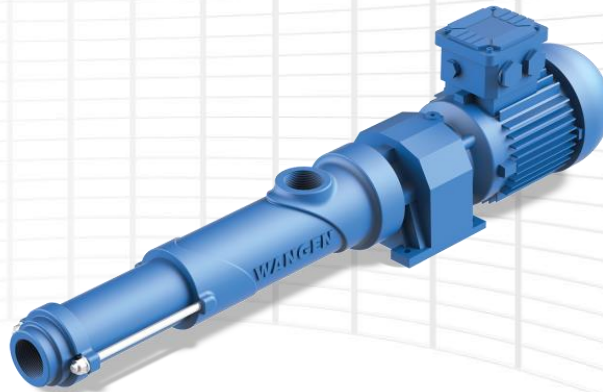
Pump Type:

Medium:

WANGEN KB22S 16.4

WANGEN self-priming pump for dosing

Polymer solution, concentration up to 50 %





WWTP Vibourg / Denmark

WANGEN Product:

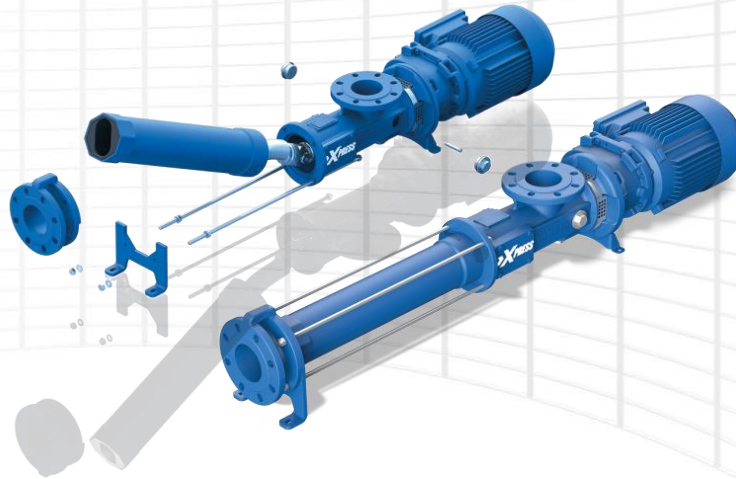
Pump Type:

Medium:

WANGEN Xpress 48

WANGEN self-priming pump with X-Lift system

Primary sludge, max. 8 % DS





WWTP Šoštanj / Slovenia

WANGEN Product:

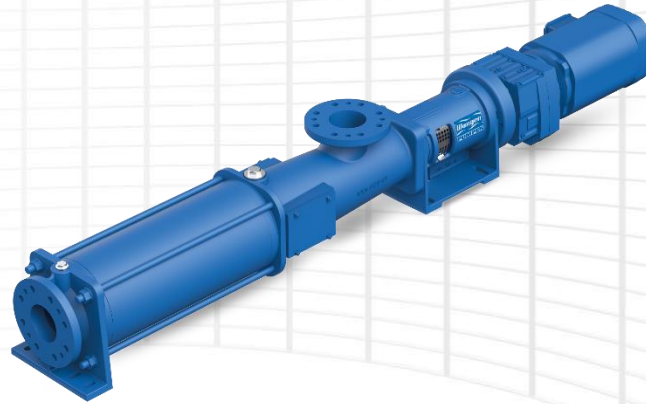
Pump Type:

Medium:

WANGEN KL30S 50.0

WANGEN self-priming pump

Primary sludge, thickened up to max. 10 % DS





WWTP Chung Pin / Taiwan

WANGEN Product:

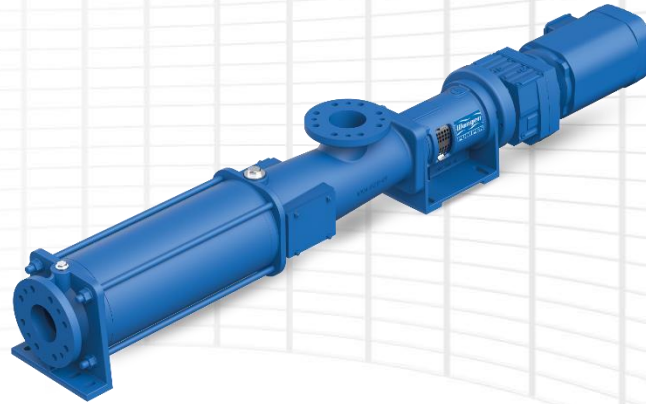
Pump Type:

Medium:

3 x WANGEN KL50S 68.2

WANGEN self-priming pump

Sludge, 4 - max. 10 % DS





WWTP Mexico City / Mexico

WANGEN Product:

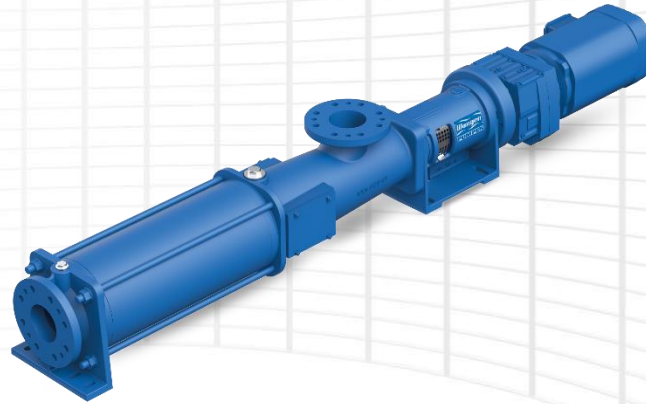
Pump Type:

Medium:

WANGEN KL50S 100.0

WANGEN self-priming pump

Primary sludge, thickened up to max. 10 % DS





Granada / Spain

WANGEN Product:

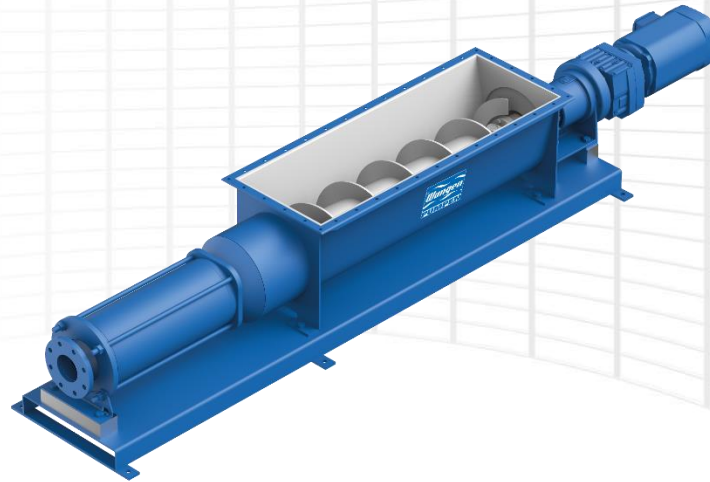
Pump Type:

Medium:

WANGEN KL50R 60.2

WANGEN hopper pump

Dewatered sludge, max. 30 % DS



WWTP Letterkenny / Ireland

WANGEN Product:

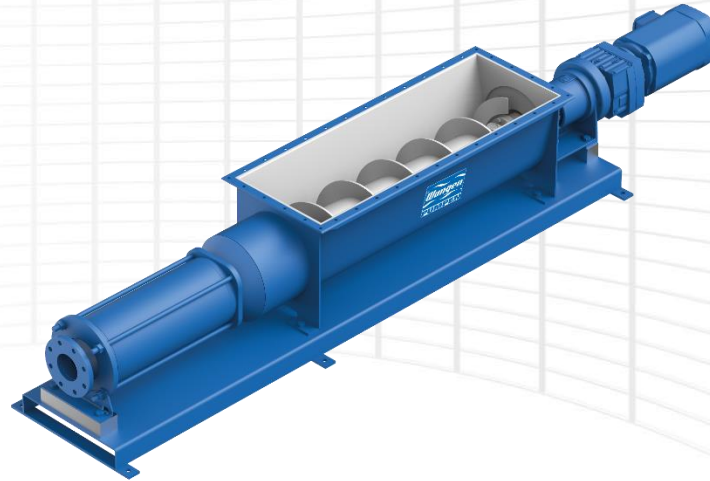
Pump Type:

Medium:

WANGEN KL50R 80.2

WANGEN hopper pump

Dewatered municipal sludge, 16 - 24 % DS





WWTP Rome / Italy

WANGEN Product:

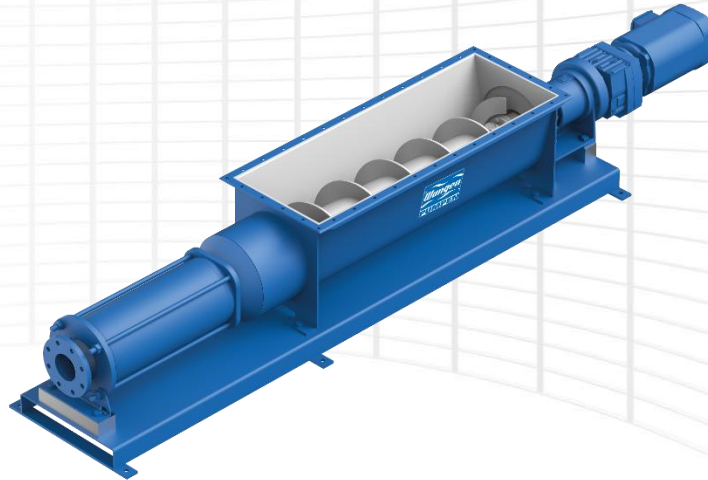
Pump Type:

Medium:

3 x WANGEN KL65R 90.4

WANGEN hopper pump

Dehydrated, biological sludge, 25 - 30 % DS





WWTP Kenosha / USA

WANGEN Product:

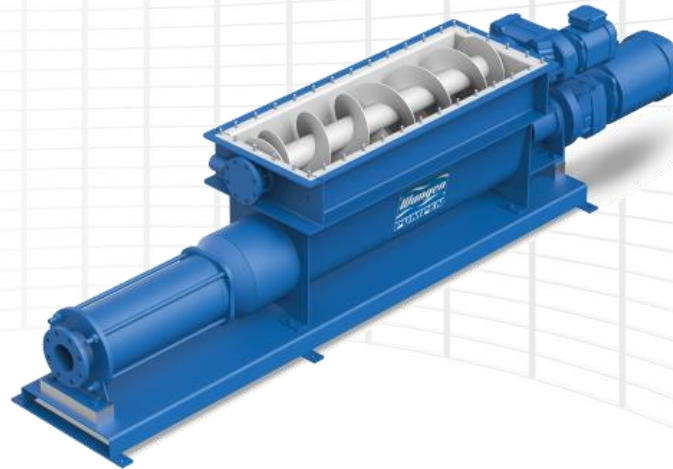
Pump Type:

Medium:

WANGEN KL50RÜ 60.4

WANGEN hopper pump with bridge breaker

Dewatered, polymer conditioned sludge, 25 - 35 % DS





WWTP Christchurch / New Zealand

WANGEN Product:

Pump Type:

Medium:

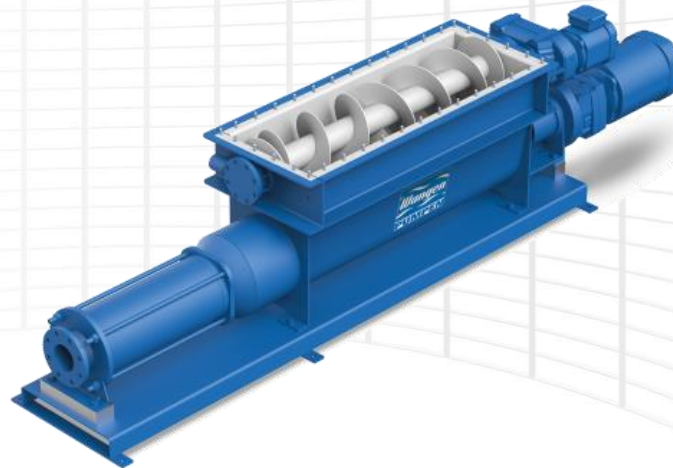
Process:

2 x WANGEN KL80RÜ 110.4

WANGEN hopper pump with bridge breaker

Dewatered sludge, 20 - 22 %, max. 35 % DS

Feeding into a dryer



■ ■ WWTP Little Island, Cork / Ireland

WANGEN Product:

Pump Type:

Medium:

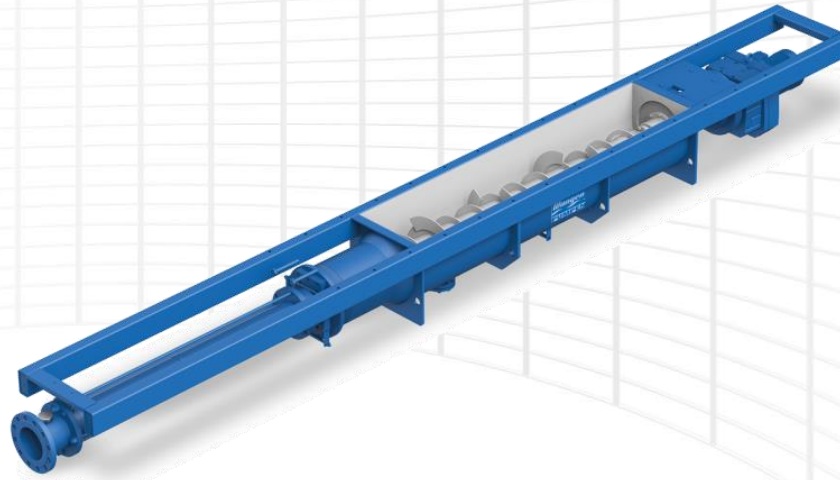
Process:

3 x WANGEN KL80RS 80.4

WANGEN hopper silo pump with bridge breaker

Dewatered sludge, 19 - 25 % DS

Feeding into thin film dryer





WWTP Aalborg / Denmark

WANGEN Product:

Pump Type:

Medium:

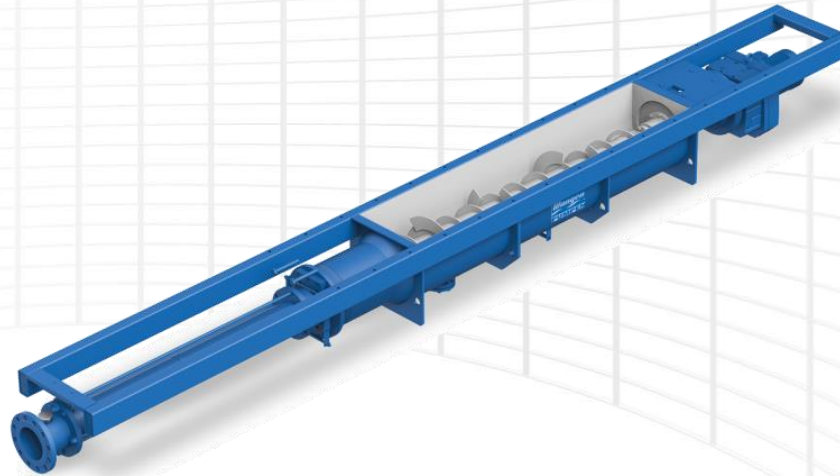
Process:

4 x WANGEN KL80RS 80.4

WANGEN hopper silo pump with bridge breaker

Dewatered sludge, 20 - 35 % DS

Feeding into fluid bed dryer





WWTP Shenzen / China

WANGEN Product:

Pump Type:

Medium:

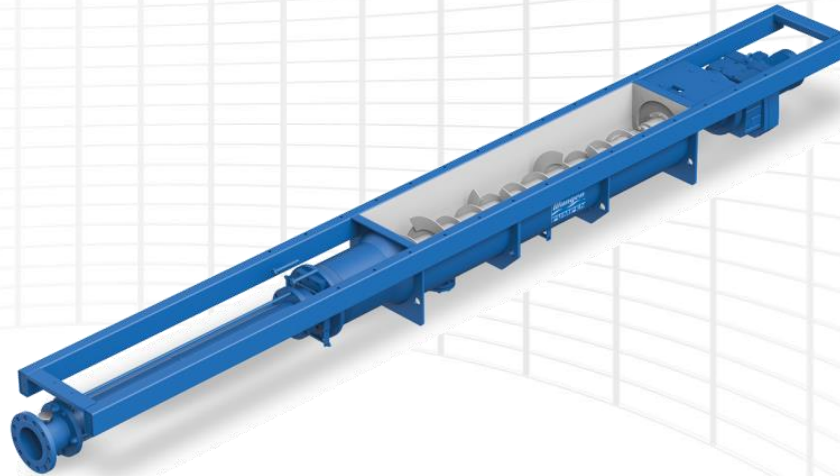
Process:

8 x WANGEN KL80RS 80.6

WANGEN hopper silo pump with bridge breaker

Dewatered sludge, 20 - 25 % DS

Feeding into belt dryer





WWTP Chur / Switzerland

WANGEN Product:

Pump Type:

Medium:

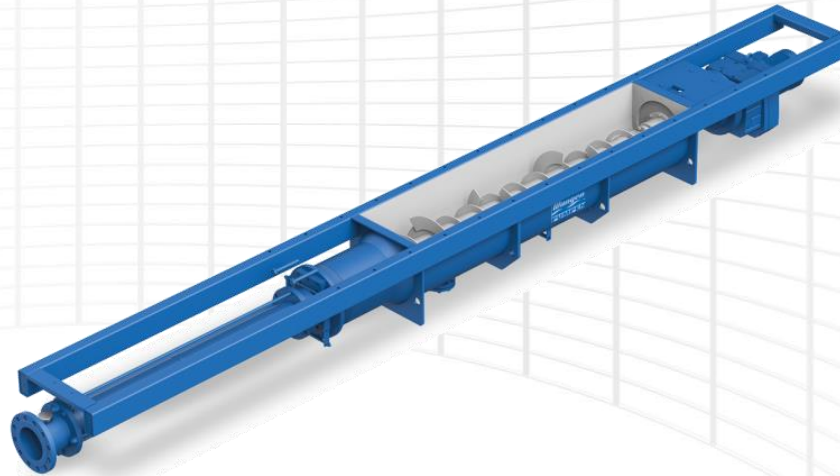
Process:

1 x WANGEN KL80RS 120.2, 3 x WANGEN KL80RS 80.4

WANGEN hopper silo pump with bridge breaker

Dewatered sludge, 20 - 35 % DS

Feeding into fluid bed dryer





WWTP Bello Medellín / Colombia

WANGEN Product:

Pump Type:

Medium:

Process:

4 x WANGEN KL100RS 114.4, 2 x WANGEN KL80RS 114.4

WANGEN hopper silo pump with bridge breaker, length 12 m

Dewatered sludge, 20 - 30 % DS

Feeding into a belt dryer





WWTP Christchurch / New Zealand

WANGEN Product:

Pump Type:

Medium:

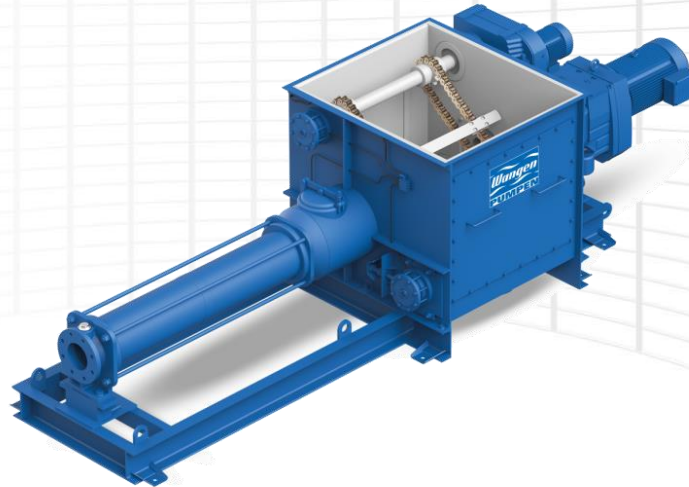
Process:

1 x WANGEN KL80RQ 110.4

WANGEN hopper pump with bridge breaker,
customer built sludge bunker (approx. 10m³)

Dewatered sludge, 20 - 22 %, max. 25 % DS

Feeding into a dryer





WWTP Pfügelberg / Germany

WANGEN Product:

Pump Type:

Medium:

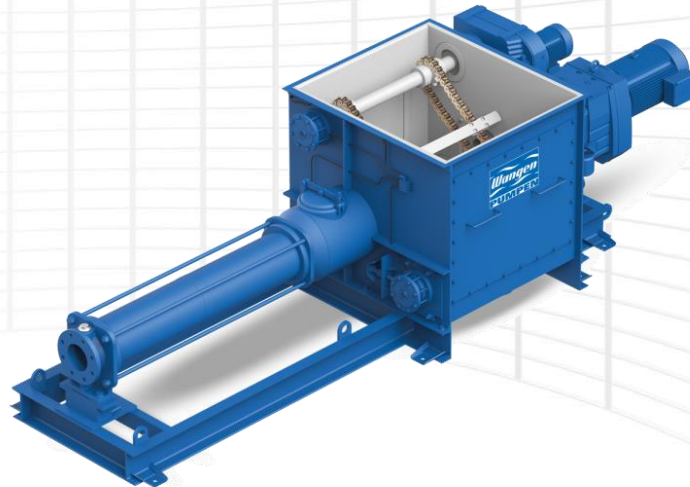
Process:

1 x WANGEN KL80RQ 80.4, 1 x WANGEN KL80RS 80.8

WANGEN hopper pump with bridge breaker

Dewatered sludge, 20 - 25 % DS

Feeding into a sludge storage bunker



WWTP Bordeaux / France

WANGEN Product:

Pump Type:

Medium:

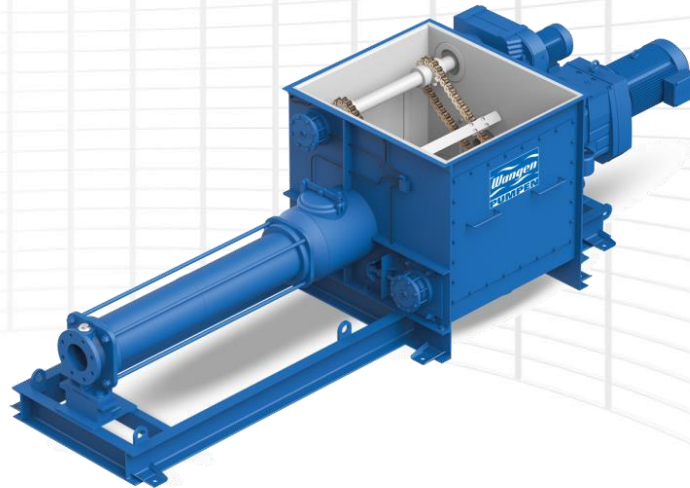
Process:

2 x WANGEN KL80RQ 80.6

WANGEN hopper pump with bridge breaker

Dewatered sludge, 26 - 28 % DS

Feeding into thin film dryer



■ ■ WWTP Clonmel / Ireland

WANGEN Product:

Pump Type:

Medium:

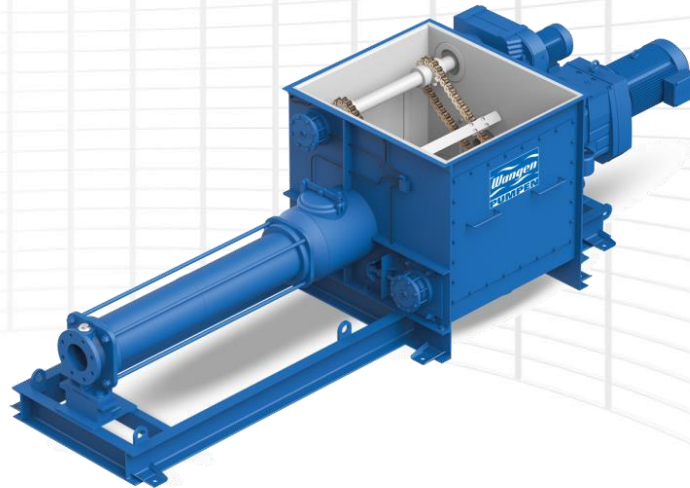
Process:

KL80RQ 90.4

WANGEN hopper pump with bridge breaker

Dewatered sludge, 20 % - max. 35 % DS

Feeding into a belt dryer





WWTP Vilnius / Lithuania

WANGEN Product:

Pump Type:

Medium:

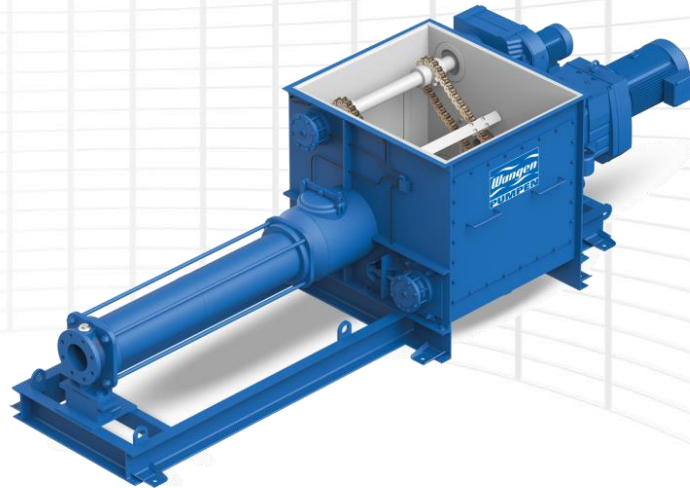
Process:

3 x WANGEN KL80RQ 90.4

WANGEN hopper pump with bridge breaker

Dewatered sludge, 20 - 25 % DS

Feeding into belt dryer





WWTP Bendern / Liechtenstein

WANGEN Product:

Pump Type:

Medium:

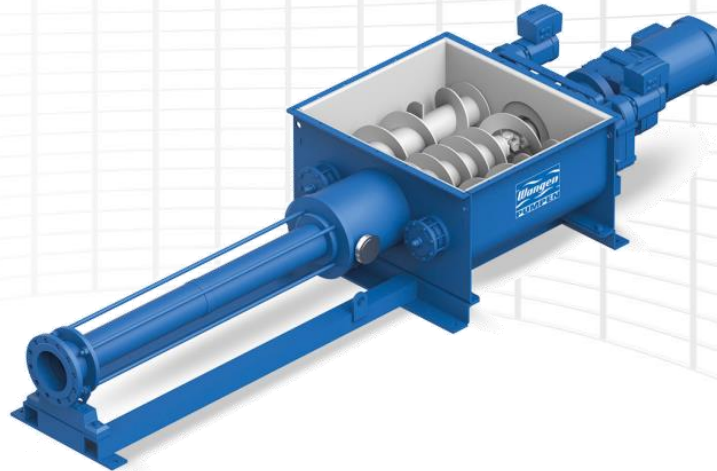
Process:

WANGEN KL65RX 80.2 TRIPLEX

WANGEN hopper pump with bridge breaker,
customer built sludge bunker (approx. 10m³)

Dewatered sludge from digester, 28 - 35 % DS

Feeding into a thin film dryer





Beijing / China

WANGEN Product:

Pump Type:

Medium:

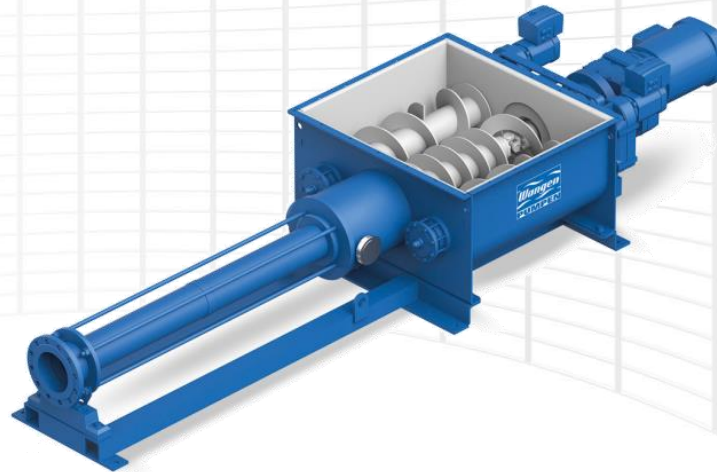
Process:

WANGEN KL65RX 50.4 TRIPLEX

WANGEN hopper pump with bridge breaker

Dewatered sludge, approx. 19 % DS, 40 % sand

Sludge transfer from the feed hopper to reactor





WWTP Sheboygan / USA

WANGEN Product:

Pump Type:

Medium:

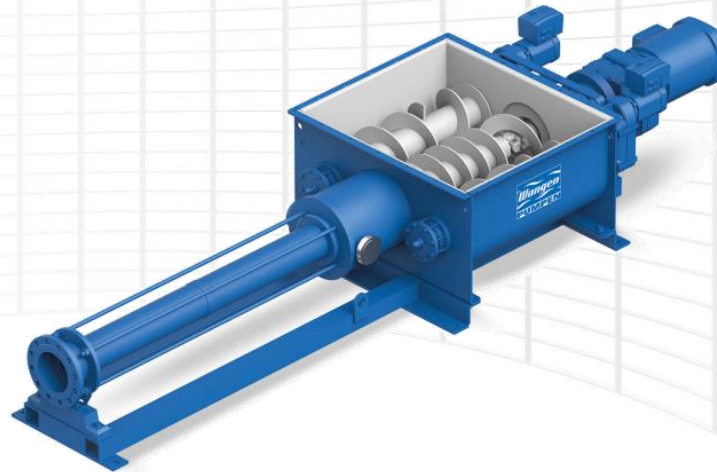
Process:

WANGEN KL65RX 90.4 TRIPLEX

WANGEN hopper pump with bridge breaker

Dewatered sludge, 18 - 22 % DS

Installed after screw press, feeding into a dryer



Complete Conveyance Solutions

Waste Water Treatment, Waste Sludge &
Anaerobic Digestion



- Polymer Dosing Pumps
- Thin Sludge Pumps
- Hopper Pumps
- Hopper Pumps with integrated bridge-breaker
- Triplex Pumps with innovative 3-screw feed technology

- BIO-FEED Pump for various slurries
- BIO-MIX robust substrate Pumps
- Silo Pumps for emptying storage silos
- Xpress Pumps with full maintenance in place

- High Viscosity Sludge up to 45 % DM
- Pressure up to 48 bar

WANGEN Pumps:
operating throughout the world



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