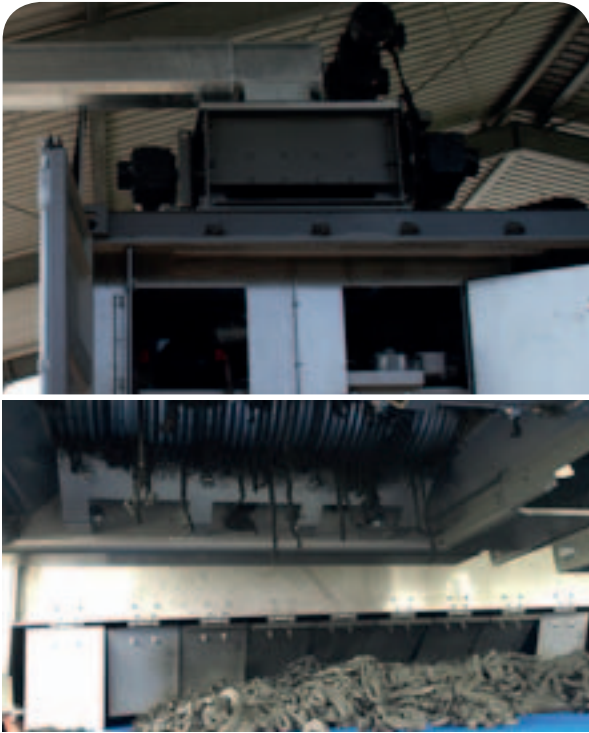




The new generation of sewage sludge drying
compact, containerized, efficient

NEWtainer[®] KS

sludge dryer

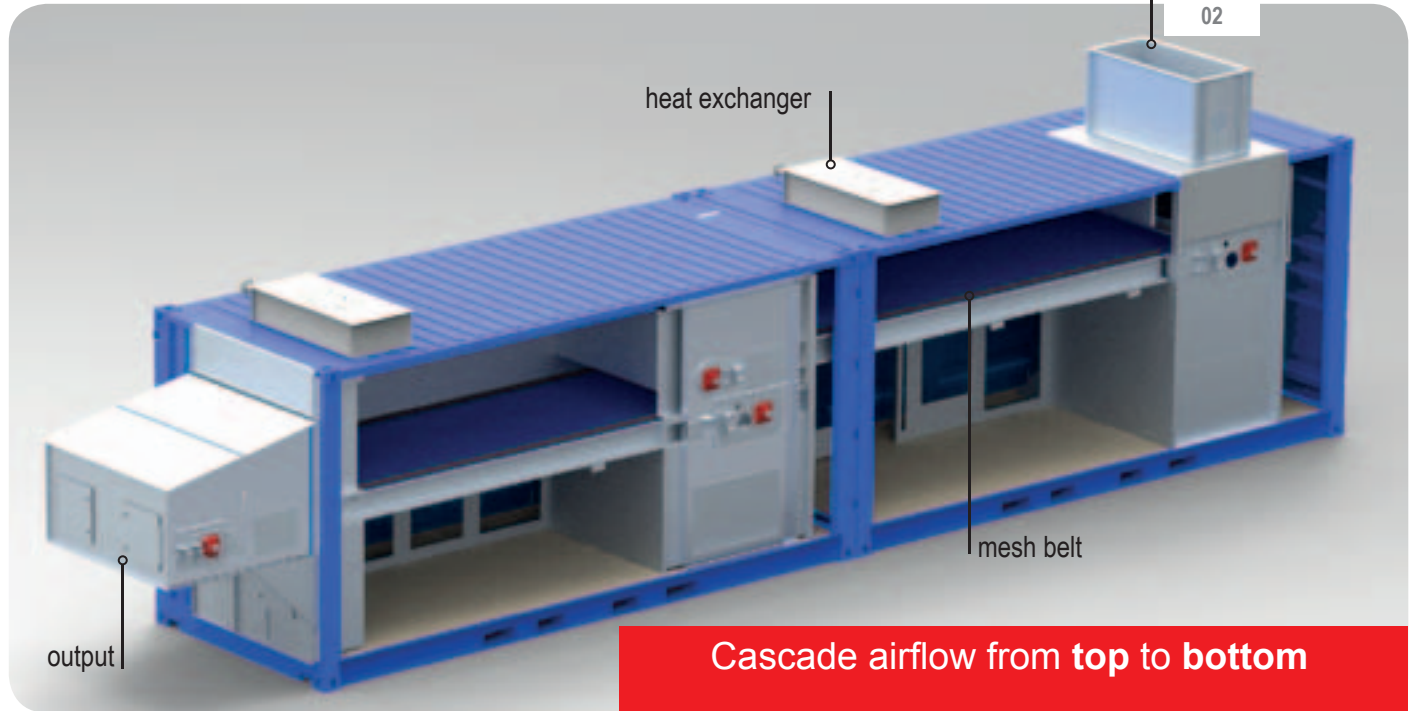


Drying of dewatered sludge

With the belt drying plant **NEWtainer® KS** the dewatered sludge (approx. 20% DS) will be dried on a special polyester mesh belt.

NEWtainer® KS is a modular belt dryer constructed in sea containers in increments of 20ft.

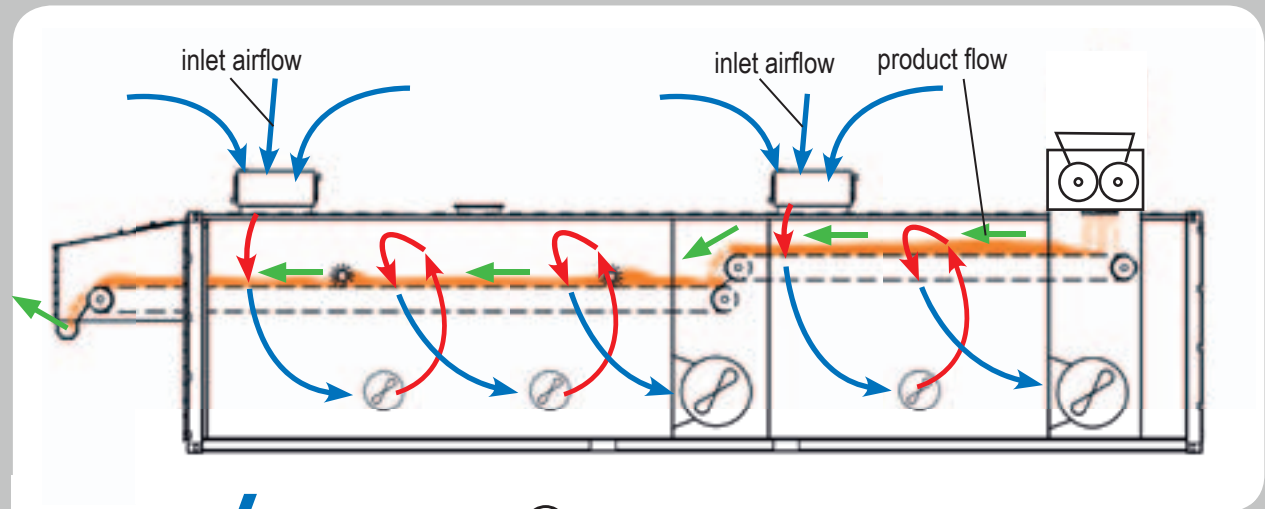
The 2-belt-dryer system overcomes handling issues caused by the glutinous consistency of sludge for effective, trouble-free operation.



Cascade airflow from top to bottom

850 kW_{therm} / 1000 kg H₂O^{*1)}

*1) Depends on equipment and product



NEWtainer® KS

- **Modular design**

prefabricated container, replaceable at any time

- **Best accessibility**

- **Heat recovery**

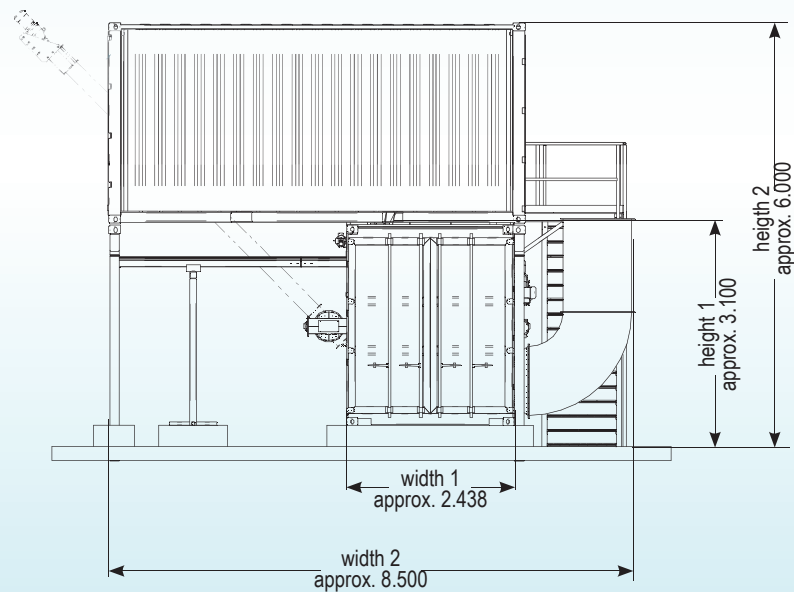
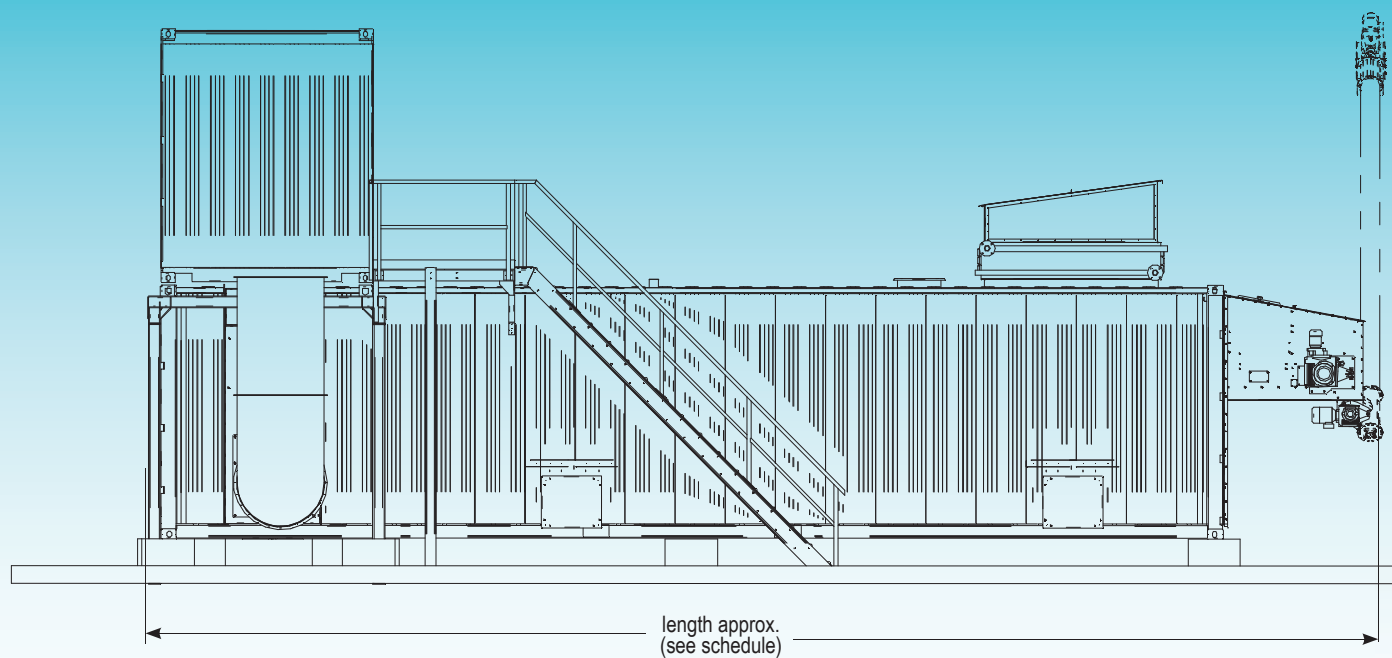
- **Integration of dewatering in the container**

- **Outdoor installation - no need for a building**

- **All elements in contact with the product in stainless steel**



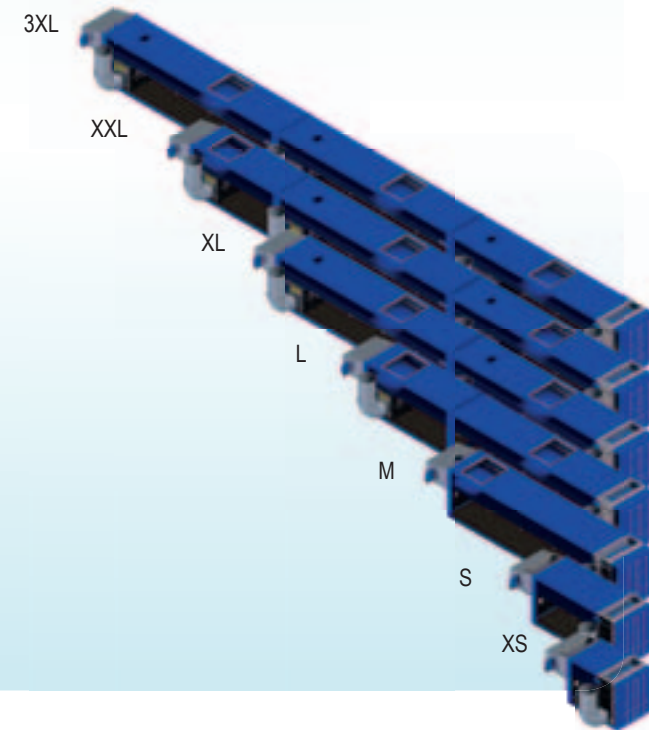
NEWtainer[®] KS

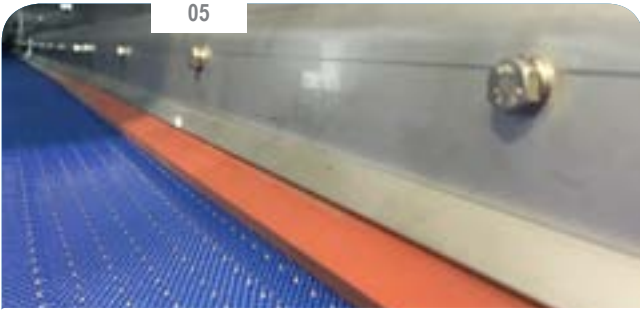


NEWtainer® KS

NEWtainer® KS

model	length approx.
NEWtainer® KS	mm
S	8.200
M	13.800
L	19.900
XL	26.000
XXL	32.000
3XL	38.200





Polyester mesh belt

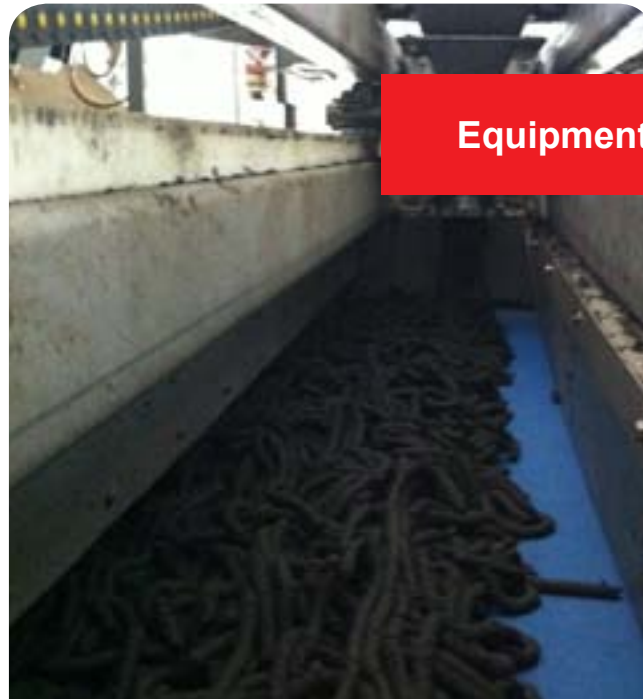
- › downward airflow optimises drying efficiency
- › dust prevention

Turning device

- › increased efficiency by breaking up the product

Belt cleaning system

- › saving operation costs
- › reduced energy consumption and increased serviceintervall



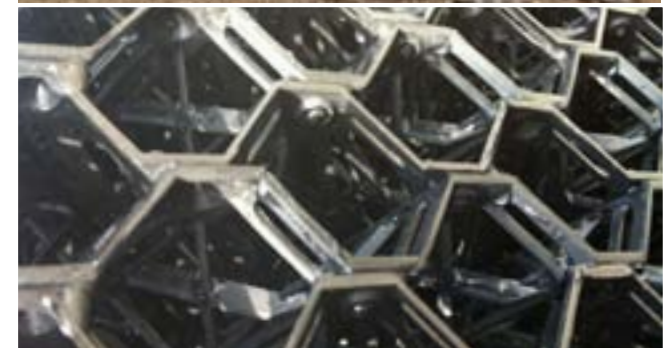
Equipment options

Pressureless screw extruder

- › low electric power consumption
- › minimal wear
- › to distribute the sludge across the belt

CHP exhaust gas

- › harnessing CHP exhaust gas to increase the drying temperature for greater efficiency and throughput



Air scrubber

Single or multi stage **NEWcleaner** exhaust air scrubbers conform to EU regulation emission standards.

The cleaning water is sprayed over the filter to guarantee a high separation efficiency.

NEWtainer[®] KS

"The belt dryer provides the best efficiency"

"Great mass reduction and volume reduction"

"Transport costs are less due to reduced bulk handling with considerable benefit to the environment"

"NEWeco-tec was the best partner and helped us from the beginning to the end of the project"



sludge dryer



Use as a fuel



Made in Germany

Using the highest quality industrial components and engineering ensures reliable field performance.

Containerized construction allows assembly and full testing at our works prior to dispatch, guaranteeing more effective and trouble-free commissioning on site.

NEW eco-tec Verfahrenstechnik GmbH

Leisederstraße 4, D-84453 Mühldorf am Inn
Tel. + 49 (0)8631 18 549 - 0, Fax + 49 (0)8631 18 549 - 29
www.new-eco-tec.com, info@new-eco-tec.com,

All figures, dimensions and technical values in this leaflet are indicative only, depending on individual circumstances.



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