



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



NEWtainer<sup>®</sup> PS



paper sludge dryer

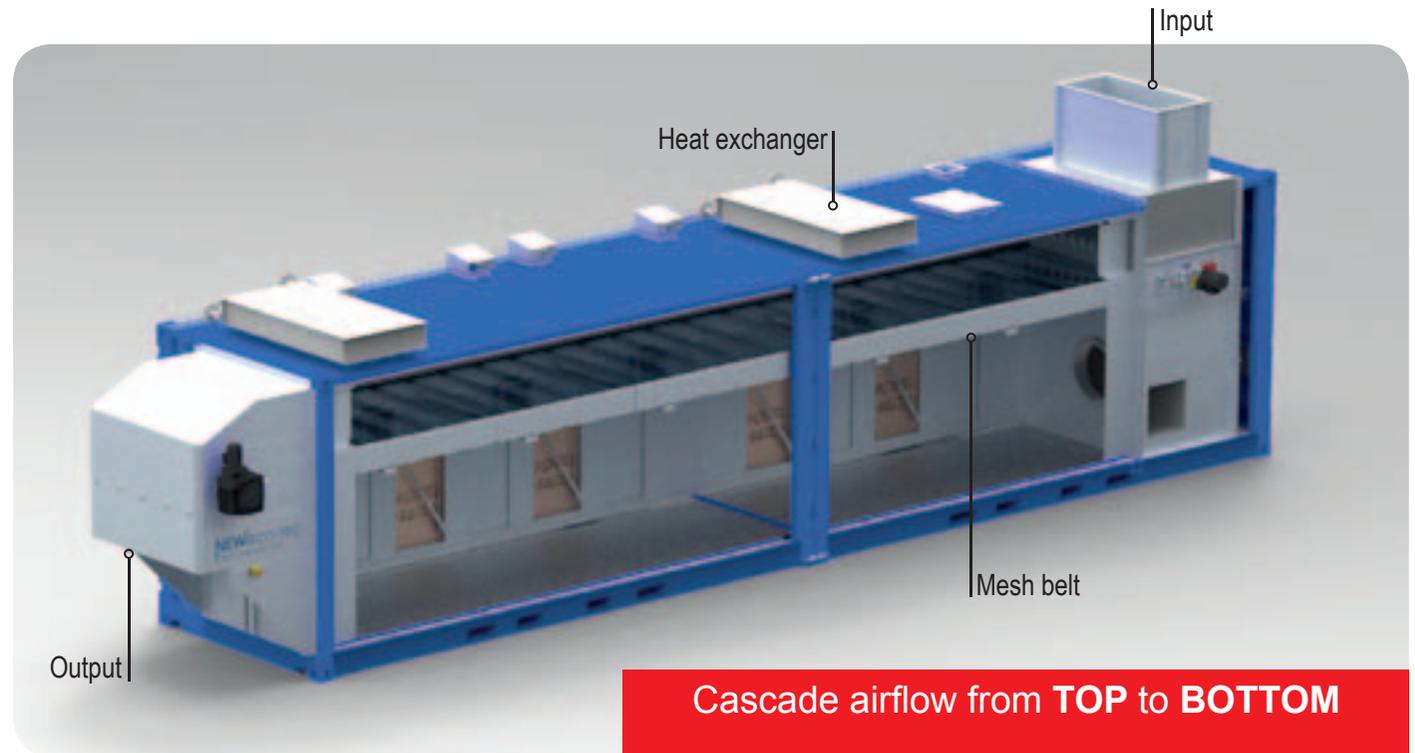


## Drying of paper sludge

With the belt dryer **NEWtainer® PS** the dewatered paper sludge (approx. 20% DS) will be dried on a special polyester mesh belt.

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

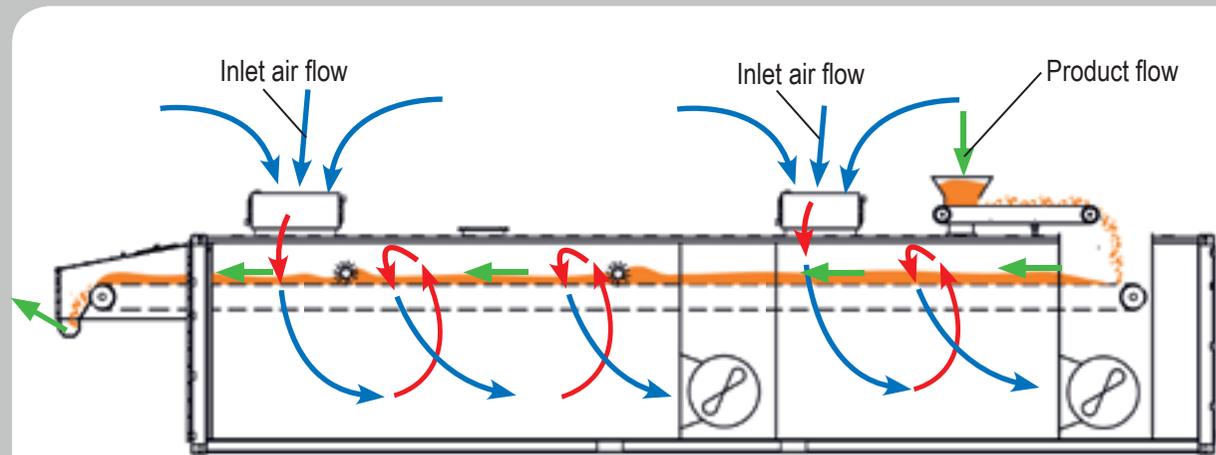
The belt dryer is a compact and portable drying solution with the opportunity to expand it at any time.



Cascade airflow from **TOP** to **BOTTOM**

**850 kW<sub>therm</sub> / 1000 kg H<sub>2</sub>O<sup>\*1)</sup>**

\*1) Depends on equipment and product



**NEWtainer® PS**

- **Modular design**

prefabricated container, replaceable at any time

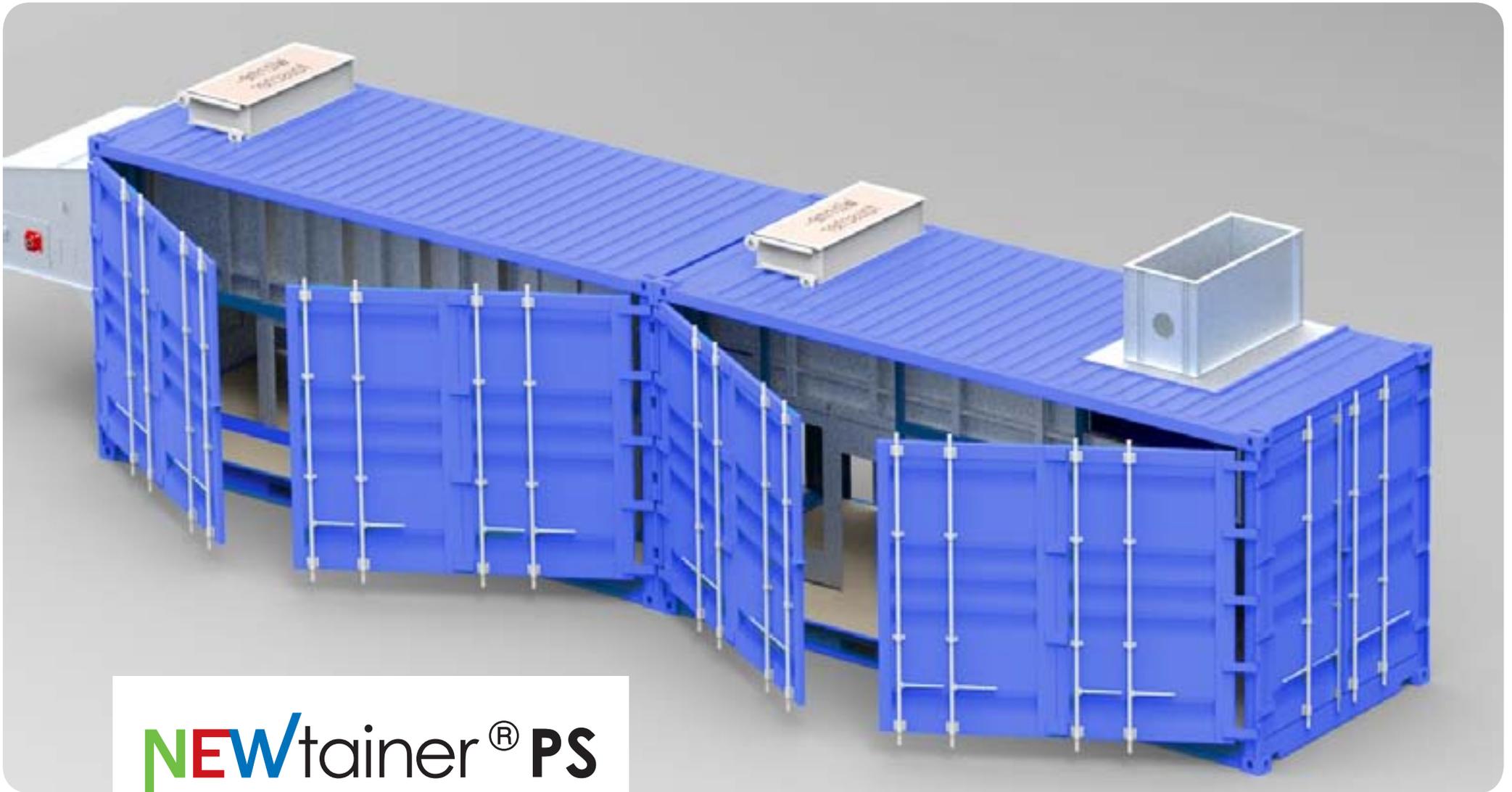
- **Best accessibility**

- **Heat recovery**

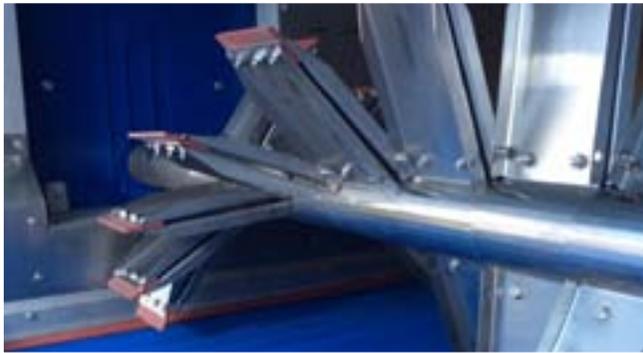
- **Integration of dewatering in the container**

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

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



**NEW**tainer<sup>®</sup> PS



### Polyester mesh belt

- › downward airflow optimises drying efficiency
- › dust prevention

### Turning device

- › faster drying process
- › increased efficiency by breaking up the product

### Belt cleaning system

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



Example for equipment options



### Heat Sources

The dryer can be adapted to a variety of heat sources such as:

Warm water, hot water, warm air, hot air, steam, flue gas, oil- and gas burner and much more



### 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® PS

Sewage sludge from a paper industry  
One of more than 300 NEWtainer® belt dryers  
operating in the field  
(As at 04/2016)



Link to the movie  
<https://youtu.be/H30nYMoyRFY>

*"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"*





**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](http://www.new-eco-tec.com), [info@new-eco-tec.com](mailto:info@new-eco-tec.com),

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



[Link to our website](http://www.new-eco-tec.com)

[www.new-eco-tec.com](http://www.new-eco-tec.com)

**NEW**eco-tec  
Verfahrenstechnik