



NEWtainer[®] compact belt dryers WT & QX series for wood-chips and wood-shavings

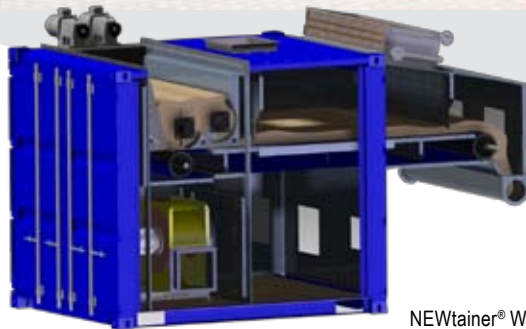
compact and portable drying solutions
uncompromising in robustness, drying performance and reliability

Biomass sector

- › pre-treatment of wood-shavings/chips
- › pre-treatment for pellet production
- › other biomass like waste or compost
- › processing renewable biomass
- › inexpensive for small units
- › economical for medium-sized units
- › efficient at all sizes



NEWtainer[®] QX-HS with feeding hopper



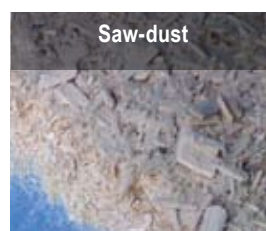
NEWtainer[®] WT-HS 0.25



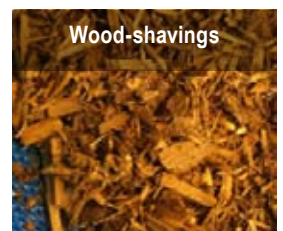
Wood-chips



Biomass



Saw-dust



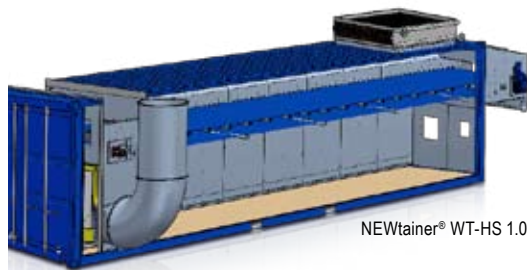
Wood-shavings



NEWtainer® – the original



WT 0.5 in use in wood-chip drying



NEWtainer® WT-HS 1.0

WT & QX series – for all dimensions (kW-sizes) and various drying solutions

The new WT & QX series takes the proven NEWtainer® drying solution to wider power spectrums.

WT & QX series NEWtainer® belt dryers are characterized by:

- › fine mesh, flexible polyester belt to facilitate downward air movement for maximum efficiency and dust control/suppression.
- › non-corrosive, stainless steel housing
- › controlled drying process
- › heavy-duty heat-exchanger
- › industrial fans for 24/7 - use
- › space saving integration into standard sea-containers
- › expandable in modules
- › easy add-ons such the NEWcleaner air cleaner, conveyors and other ancillaries

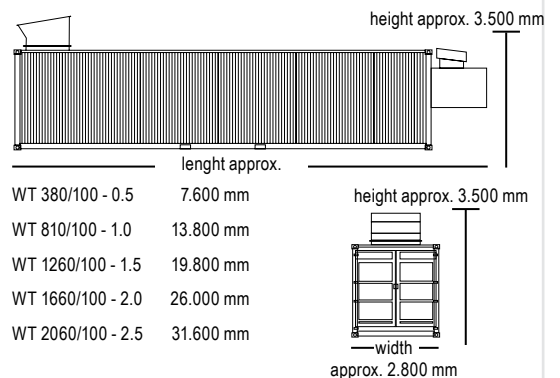
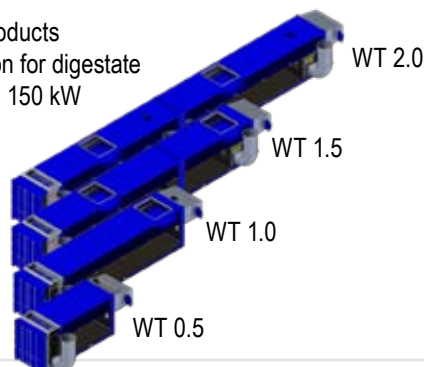
WT-HS

e.g. drying wood shavings from 50 % down to 13 % humidity at 100°C drying air temperature

Model	Heat usage	Input (wet)	Output (dry)	Water evaporation	Av. electrical consum
WT	kW therm	kg/d	kg/d	kg/d	kW
WT-HS 170/100 - 0.25	200	9.100	5.200	3.900	5
WT	kW therm	kg/h	kg/h	kg/h	kW
WT-HS 380/100 - 0.5	370	950	580	370	7
WT-HS 830/100 - 1.0	1.000	1.930	1.110	820	10
WT-HS 1240/100 - 1.5	1.500	2.900	1.670	1.230	15
WT-HS 1660/100 - 2.0	2.000	3.860	2.220	1.640	20
WT-HS 2060/100 - 2.5	2.500	4.830	2.780	2.050	25

WT-HS series compact dryers

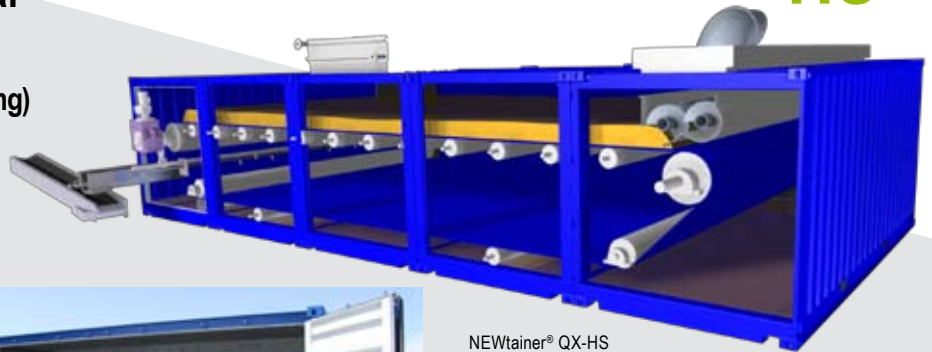
- › for various products
- › with separation for digestate
- › WT - HS from 150 kW to 2.500 kW



NEWtainer® - the professional

NEWtainer® WT & QX series (patent pending) belt dryers can dry a wide variety of products:

- › digestate from AD plants
- › cereals and corn
- › other agricultural products
- › wood shavings and chips
- › sewage and other sludges
- › other free flowing products



NEWtainer® QX-HS



QX for large scale drying, belt width 5.450 mm



NEWtainer® QX Feeding-system with double screw.



NEWtainer® QX-HS with fan

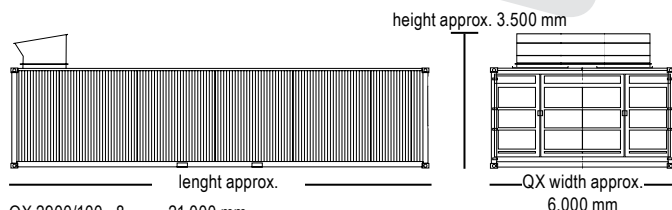
QX-HS

e.g. drying wood shavings from 50 % down to 13 % humidity at 100°C drying air temperature

Model	Heat usage	Input (wet)	Output (dry)	Water evaporation	Av. electrical consum
QX	kW therm	kg/h	kg/h	kg/h	kW
QX 2900/100 - 8	2.920	6.810	3.910	2.900	35
QX 3870/100 - 10	3.900	9.090	5.220	3.870	50
QX 4830/100 - 12	4.870	11.360	6.530	4.830	60
QX 5800/100 - 14	5.850	13.630	7.830	5.800	75
QX 6770/100 - 16	6.820	15.900	9.130	6.770	85

QX-HS series compact dryers

- › for various products
- › with separation for digestate
- › QX - HS from 2.900 kW to 11.700 kW



- QX 2900/100 - 8 21.000 mm
- QX 4830/100 - 12 31.000 mm
- QX 6770/100 - 16 42.000 mm
- QX 7740/100 - 2x10 26.000 mm

NEW eco-tec Verfahrenstechnik GmbH provide tailor made solutions for complex drying processes in the form of NEWtainer® belt dryers. Associated handling and processing systems can also be provided.



NEWeco-tec
Verfahrenstechnik

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 commissioning on site.

As at 09/2012

All dimensions and technical values are benchmarks and indicative only, depending on individual circumstances. Specifications subject to change.

NEW eco-tec Verfahrenstechnik GmbH

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