



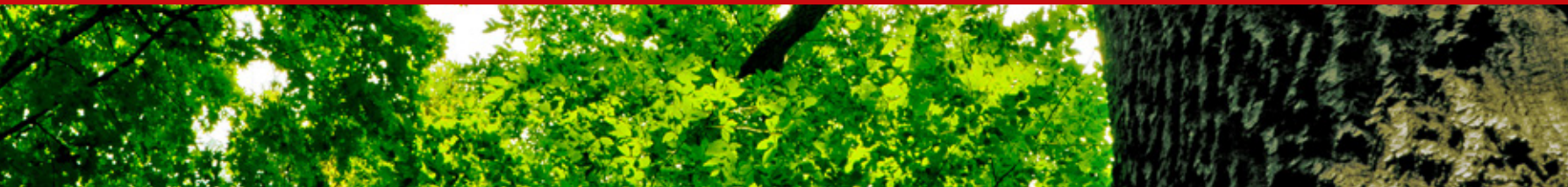
INDIVIDUAL & FLEXIBLE
SOLUTIONS FOR YOUR
DRYING PROCESSES

COMPETENT. COMPACT. DRYING.



"PROCESS ENGINEERING FOR THE ENVIRONMENT"

We at NEW eco-tec Verfahrenstechnik GmbH provide process engineering for the environment.
Individual solutions for the processing of biomass by renewable energies.




Dipl.-Ing. univ. Christian Wenner

Managing director and founder of NEW eco-tec Verfahrenstechnik GmbH.

After studying process and environmental engineering at the university of Munich, Christian Wenner spent 15 years designing and engineering drying technology systems for sludge treatment, anaerobic digestion and digestate processing. In 2008 Christian founded his own company with a vision to provide fast-track solutions to the environment, energy and process markets.

COMPETENT. COMPACT. DRYING.

The owner-managed NEW eco-tec Verfahrenstechnik GmbH is the world-wide largest producer of compact belt dryers.

We are your competent partner in the process plant engineering for the energetic and material use of renewable raw materials. „Biomass is literally available as the sand of the sea, we make them usable - this is our motivation“. From consulting, planning and assembly to maintenance and service: everything from one source with one contact person. According to our engineering standard we always handle goal-oriented and planned. In this way, we can provide our customers with a continuous and transparent order process. What makes our drying systems

so unique? Quite clearly: modularized containerisation. That means, we have managed to combine quality with efficiency and experience with concentrated competence in a commercial sea-container. The result: compact drying system, integrated in the container which you can place anywhere. You can expand our dryer systems at any time and even stack them on top of each other, like building blocks. We at NEW eco-tec stands for process engineering dryers according to the state of the technology and waste heat recovery. Quality made in germany.

Dipl.-Ing. univ. Christian Wenner
Managing director and founder

OUR COMPANY

The NEW eco-tec Verfahrenstechnik GmbH is located in Mühldorf am Inn, in south east of Munich. Here, one's own developments are made in the modern production halls. That means short distances and fast implementation. This flexibility makes the company the largest producer of compact belt dryers in the world.



NATURE - THE BASIS

We live the theme of nature and the environment. This is why we not only use 100% green electricity in our company building, but also have it made our mission to develop biomass, to recycle, to increase and to utilize waste. Naturally, we will, as far as possible, revert to regional suppliers. For short distances and fast implementation.

ENERGY - THE USE

We support you with our tailor-made dryers and processes and thus increase energy efficiency. How we do this? We use different sources of energy for the gentle drying of your products. Our strength lies in the use of renewable energies, also in combination with waste heat.

WATER - THE SOLUTION

Often the dewatering of biomass is the key to making it efficient and usable. That is why we develop sustainable process technology to meet your specific requirements. Our solutions are tailor-made and adapt optimally to the environment and application area.



**SUCCESSFUL
TOGETHER**

2008

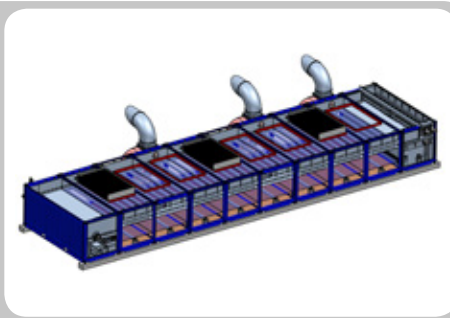
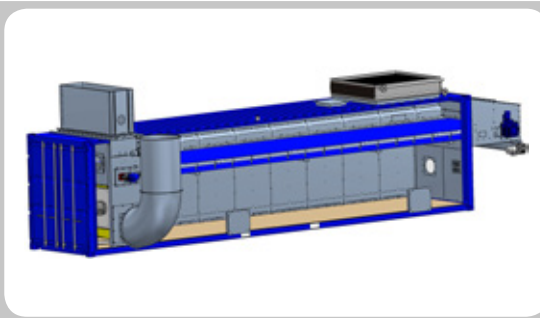
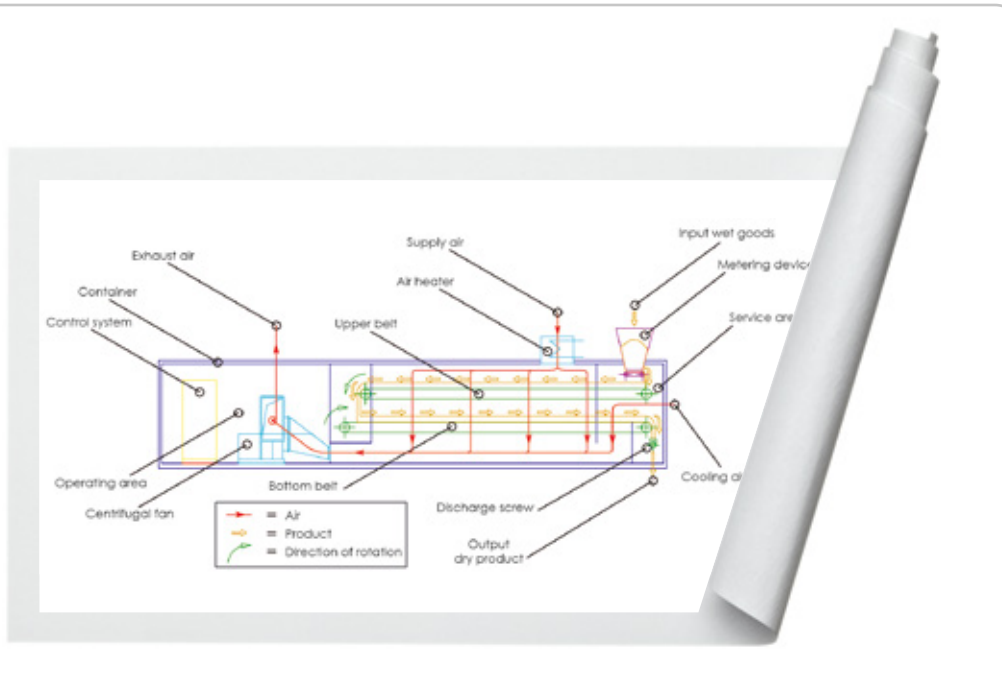
NEW eco-tec Verfahrenstechnik GmbH was founded in 2008.

350

More than 350 NEWtainer® are in use successfully all over the world.

850

More than 850 efficient reference systems all over the world.



THE DEVELOPMENT: NEWtainer®

Competent. Compact. Drying.

NEWtainer®'s patent pending technology meets this challenge by utilizing the CHP waste heat and other thermal processes to dry digestate and other materials for added value. NEWtainer® uses state-of-the-art belt drying technology integrated into standard sea containers to dry biomasses, sludges, industrial and agricultural bulk goods effectively and efficiently.



THE DRYER ISN'T IN THE CONTAINER THE CONTAINER IS THE DRYER

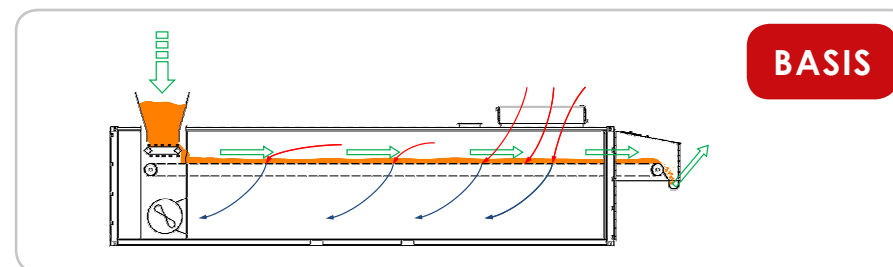
Due to its unique construction and special air ducting system NEWtainer® can dry various products in many fields of application and industries, such as agriculture, biogas, wood products, sludge, recovery and recycling, food, chemicals and compost. Our NEWtainer® is designed and manufactured to withstand arduous, industrial in-service conditions and to operate continuously under high load. Sea containers provide a strong framework allowing standardization and flexibility as well as robust, weatherproof housing which can be easily moved at any time.

YOUR BENEFITS FROM OUR SYSTEM

- ✓ Containerized & modular
- ✓ Expandable & replaceable at any time
- ✓ Corrosion resistant & stainless steel housing
- ✓ Integrated isolation
- ✓ Airflow from top to bottom
- ✓ High temperature resistant fiber ribbon
- ✓ Compact construction
- ✓ Short installation times
- ✓ Outdoor installation - no need for a building

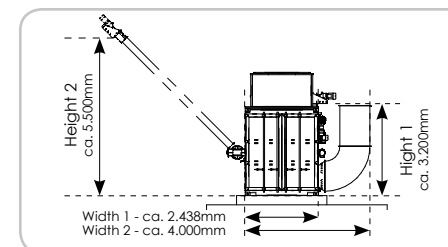
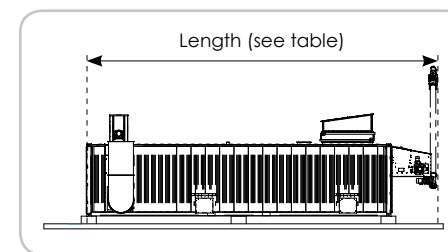
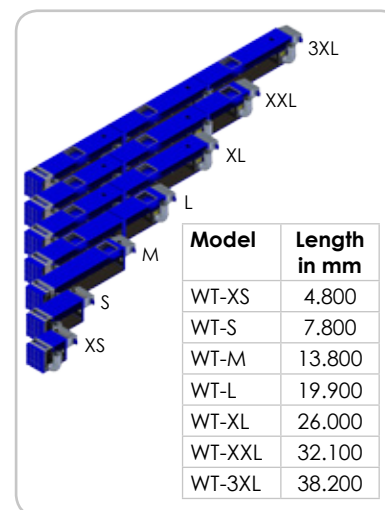
OVERVIEW OF OUR PRODUCTS

Most modern drying technology and various combinations for multiple uses. The basis for our drying systems: NEWtainer®.



NEWtainer®

Our NEWtainer® forms the basis for our drying systems and is available with many additional modules, depending on the application requirements. You could place the dryer and modules on top of each other or enlarge our drying systems at any time in length.





NEWtainer® WT

The mother of compact belt dryers. Highly flexible and therefore modifiable for a wide range of applications and industries.



NEWtainer® ALLinDRYer

The NEWtainer® compact belt dryer with large integrated feeding tank for industrial and agricultural bulk materials.



NEWtainer® QX

Bandwidth of 6m allows a very high throughput. Double winged doors also provide the best access to your drying system.



NEWtainer® KS - PX

NEWtainer® for difficult drying products - et al. with multi-band construction and heat recovery.



NEWtainer® SUBSTRATOR

Drying plant for drying of liquid products in particular fermentation substrate. For fertilizer production for sustainable nutrient management.



NEWtainer® SEP

Dryer specially for separated fermentation substrate. The simplest way of volume reduction and drying.



NEWtainer® SSW

Special dryers for recyclable materials, especially EBS / RDF / SSW.



BINDER-DRYER

Industrial dryer solutions for food, chemical and pharmaceutical products with a single belt dryer (multi-stage) and a multi belt dryer. For gentle drying integrated into your process line.

APPLICATIONS AND BRANCHES



AGRICULTURE

NEWtainer® drying systems are the universal solution for agricultural holdings. Suitable for all performances and several drying tasks. One NEWtainer® - more drying products.

DIGESTATE

Dryers generate with their separation or re-mixing system a high-grade, spreadable and storable fertilisers from your liquid digestate. And the best: your digestate would be simultaneously minimized in volume.

WOOD PRODUCTS

NEWtainer® ensure highly efficient drying of sawdust, wood shavings and wood chips, as well as bark in the low temperature range. Effective finishing of your wood products.

OUR SYSTEMS ARE READY FOR ALMOST ANY APPLICATION

Do you want to dry a product not shown here? Ask us. We advise you and find the best solution for you.

SEWAGES

NEWtainer® are the ideal solution for drying industrial and municipal sludge. Their calorific value makes them so from the waste to value.



RECOVERY & RECYCLING

By drying with our NEWtainer® you can achieve optimal mass reduction and calorific value increase of waste fractions at the same time.



FOOD & CHEMICAL INDUSTRY

Our belt dryers offer special gentle drying of food as well as chemical and pharmaceutical products.



COMPOST

Effective drying by continuous and defined air supply saves you rotting units and time. The result: because of better screening you get a bigger part of compost.



DID YOU KNOW?

Our systems enable the drying of several products.

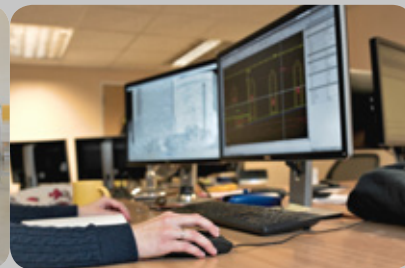
OUR SERVICES FOR YOU

Through our many years of experience, we have acquired unique expert competence and knowledge. From consulting and planning, design to production and installation till commissioning and servicing, our commitment will guarantee a continuous and transparent development of your project.



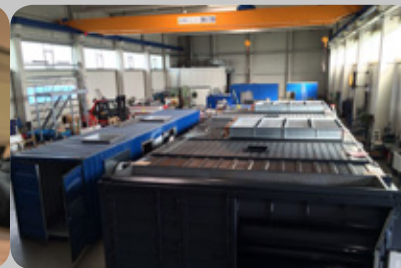
CONSULTING

We take time for you and advise you personally. We also come to you for consultation meetings so that we can get to know your needs.



PLANNING

Our design department creates your individual system according to your requirements. This flexibility allows us to offer you the best solution.



PRODUCTION

We produce our plants at our company. So we can guarantee you the highest quality made in Germany, which is precisely tailored to your needs.



INSTALLATION

Of course, we will also execute for you the assembly of the system at the place of installation. Quick and uncomplicated installation thanks to our modular design.



SERVICE

We continue to offer you optimal support for your system even after commissioning. Whether products for expansion, maintenance or care. We are here for you.

CONTACT US

We will be happy to help you if you require any information:
+49 (0)8631-18-549-0

THE  MADE
ORIGINAL  IN
GERMANY



EVERYTHING FROM A SINGLE SOURCE WITH ONE CONTACT PERSON

We are committed to you - whether at the planning a new drying system and, of course, also if you want to expand or modify your existing dryer. We take time for you and find your optimal solution.

OUR SOLUTIONS IN THE FIELD OF PROCESS ENGINEERING

We offer even more: individual solutions for process engineering. In addition to our extensions, we also develop adapted solutions especially for your requirements and processes. You could expand your drying system with our solution of unitised containerisation at any time.

ALL SOLUTIONS are available individually, as well as directly integrated into container.



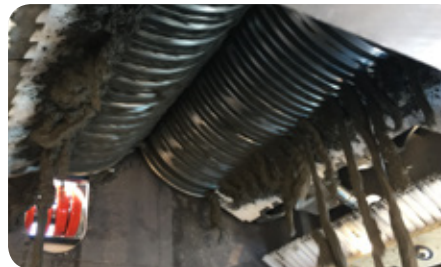
Heating with biomass boiler

For the optimal heating of your plant.



Heating with flue gas

For even better performance of your plant.



NEWdelmaker

For self-cleaning & unpressurised separation.



Charger

For regular substrate distribution.



Dehydrating - mechanical

For long-term stable dehydrating values.



Air scrubber - NEWcleaner

For implementation of restrictions on emissions.



Sewage sludge – Germany



SSW - France



Separated digestate – USA



Wood chips - Germany



Digestate – Germany



Sawdust – Switzerland



Paper sludge – England



Onions – Egypt

Extract from our reference projects

ARE YOU INTERESTED? THEN CONTACT US.

We would be glad to help you personally. Just call us at: +49 (0) 8631-18 549 - 0
or write us an E-Mail: info@new-eco.tec.com

We are here for you:

MO - THU: 08.00 a.m. - 04.30 p.m.
FR: 08.00 a.m. - 12.00 p.m.

More information:

www.new-eco-tec.com

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