

Belt dryer.

Top quality short goods drying in minimum space.



C-line[®]



The well-rounded dryer. Unique styling for logical functions.

Unique Turbothermatik®

The typical curved styling of the Buhler horizontal dryer is the result of the merging of two drying zones in a single body. This eliminates the space in between the two drying zones, reduces the radiation area and saves energy. In addition, the «belly» ensures optimal sealing and easy opening and closing. All product shapes are excellently dried in the Buhler Turbothermatik® – both uniformly and gently.



Aerospace engineering: The dryer paneling allows unique insulation values to be achieved.



High throughput capacity

Precise air distribution and careful division of the climate zones allow high throughput capacities, also when processing specialty shapes. This high efficiency is made possible by the extremely uniform air distribution across the entire screen area. Thereby short goods achieve perfect stability without drying out completely.

Optimal drying cycle

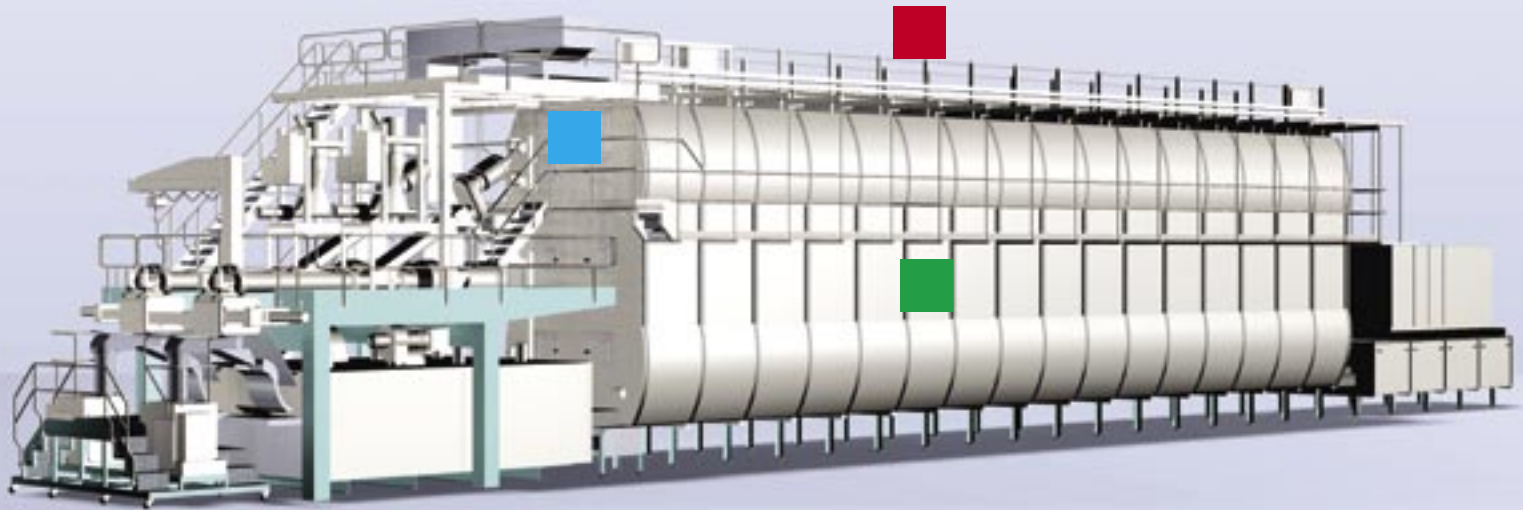
The individual belt drives ensure drying cycles which are optimally matched to the specific product recipe or shape. The inlet and outlet gates are controlled by a servo motor, reducing energy loss and improving climate control. This feature for monitoring the depth and weight of product is integrated in the control system.

Hygienic

The patented Buhler maintenance concept sets new standards in terms of cleaning and hygiene. All components in contact with the product are made of special stainless steel. Important sections are safe and easy to access by way of platforms and 45-degree stairs.



A computer program checks the depth of product based on the product recipe or shape.



Proven worldwide. Implementation.

Removable front panels
with reusable gaskets.

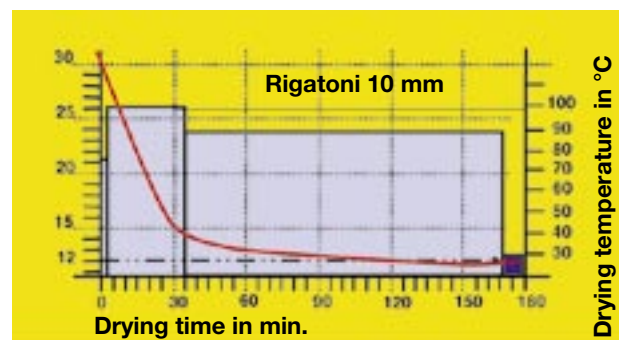
Support on the dryer roof
for fastening the infrastructure lines. Platforms on all sides, accessible via stairs, make cleaning and maintenance easier.

Maintenance-free fans
reduce the maintenance requirement.

Flexible engineering

The *C-line*® dryer modules offer unsurpassed variability and can be configured to suit any available space dimensions. This system enables Buhler engineers to tailor your production system to your specific needs within record time.

Drying diagram

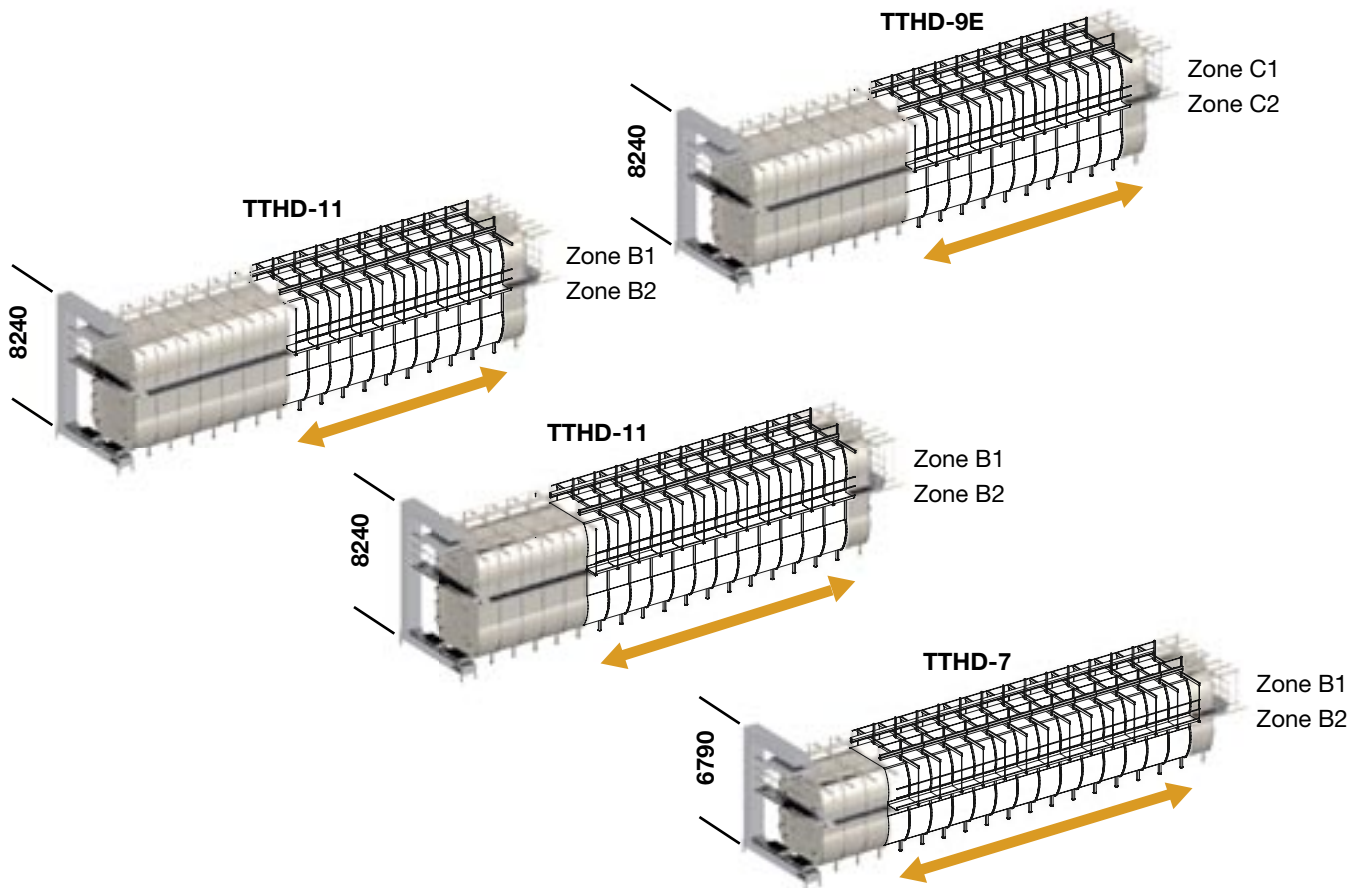


The patented Buhler drying process allows gentle drying.

Unsurpassed flexibility. Modules for all requirements.

The modular *C-line*® concept meets production targets

The *C-line*® concept's sophisticated modularity enables tailor made production lines. The system covers all requirements in terms of throughput capacity, drying time and product shapes.



Dryer	Capacity kg/h	Number of belts		Number of belts	
		Zone B1	Zone B2	Zone C1	Zone C2
TTHD-7	800 – 2500	3	4	–	–
TTHD-11	1250 – 4000	5	6	–	–
TTHD-11 and TTHD-9E	3200 – 8000	5	6	5	4

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