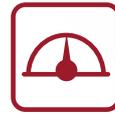




Hot air and Infrared



Stepless control



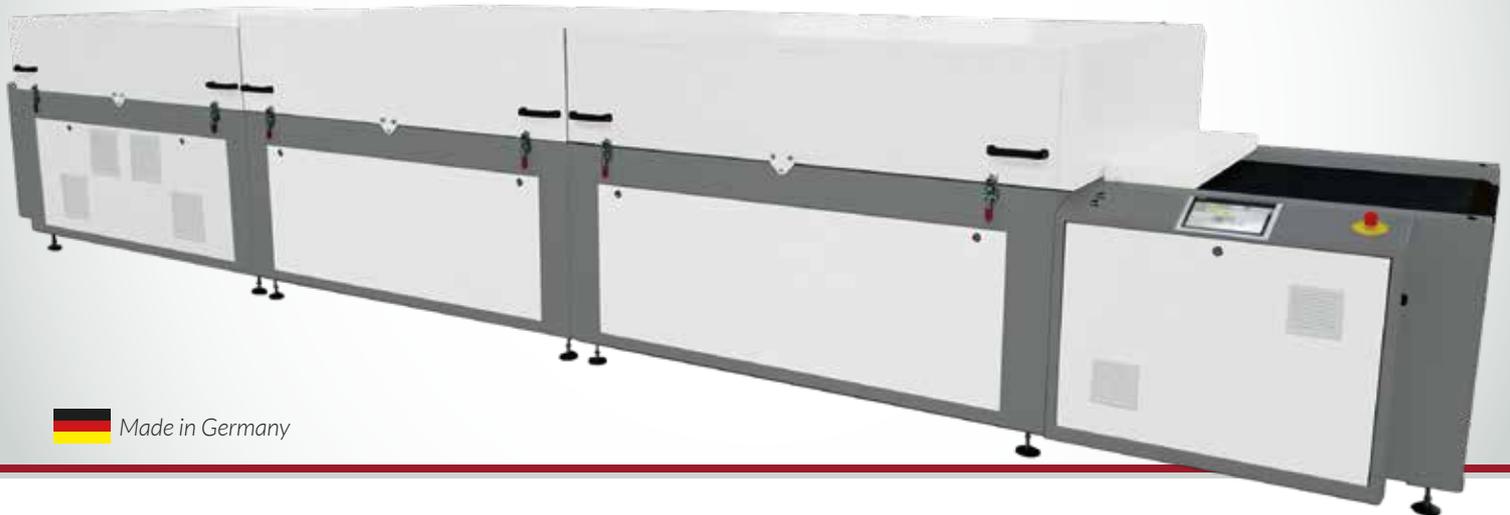
High air volume



UV curing



Active cooling



 Made in Germany

Universal continuous dryer for drying and fixing solvent-based as well as water-based inks, UV pastes and curing ink systems

Performance features

- Electrically heated continuous dryer
- Hot air or hot air / infrared combination
- UV and UV cooling modules with different lamp setups
- Electronic UV for stepless control of the UV power, saves energy, extend lamp lifetime and ensures more process stability
- Efficient drying due to high circulating air volume
- Environmental friendly due to low energy consumption, optimal insulation ensures energy savings through low heat emission
- Integrated vacuum system for stable transport even for light materials
- Best drying results due to stepless adjustable temperature up to 180 °C
- Comfortable PLC control
- Quick maintenance through hood opening within seconds with gas spring support

Application areas

- Highest demands on the production capacity
- High production quantities
- Easy extendable and individual configurable due to the modular construction
- Great versatility - drying of different materials

Application examples



Are you unsure if your specific application is eligible? Just get in touch with us. We are happy to advise you.

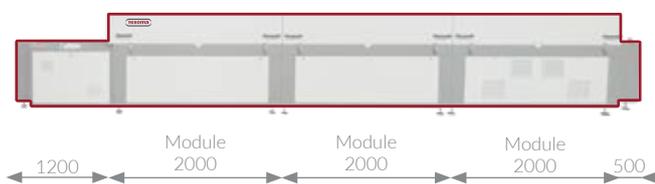
Tesoma GmbH
 Gottfried-Schenker-Straße 17, 09244 Lichtenau, Germany
 info@tesoma.de, www.tesoma.de
 ☎ +49 37208 88788-0, 📠 +49 37208 88788-50
 Sales: ☎ +49 37208 88788-15, info@tesoma.de



Technical details

Belt width in mm	900	1100	1300	1500	1700	1900	2200	2700
Module types	hot air stepless adjustable up to 180 °C, combination hot air/ infrared, cooling (ambient cooling or refrigerated cooling) , UV-curing module, option heat exchanger for energy recovery, option tilt table at the inlet section							
Heating	electrically heated in addition with infrared emitters							
Throughput height	45 mm							
Transport system	Teflon coated glass fibre belt, mesh size 4 mm x 4 mm, (option 2 mm x 2 mm) with vacuum suction system for light weight substrates down to 80 g/m ²							
Belt speed	stepless adjustable from 1 - 10 m/min or 3 - 50 m/min							
Working height	875 mm +/- 25 mm, 900 mm +/- 25 mm, other versions available on request							
Control	comfortable PLC Control, with recipe management, ethernet access, trend functions, data logging and more							
Elektrical connection	400 V, 3 PEN, 50 Hz, optional other versions available on request							

Module dimensions in mm



Details



Hood opening



Optional tilt table



UV module



Infrared

Dryers are our world.



We build extraordinary dryers and EVERYTHING, except for ordinary equipment.

Every day, we are developing, manufacturing and carrying out research into new ideas and solutions. For us it is not enough to take a lateral few, our glance moves forward. In this way, we identify brand new pioneering pathways for our customers. With this principle, we are constantly working to improve, in order to recognize certain customer wishes in advance.

So that you only get the best.



Diligence and quality

Every Tesoma machine is carefully designed, carefully produced and tested and approved by our competent team before shipment. Only then does your dryer leave our house.



A closer eye on your resources

We make sure that our devices only absorb the energy that is absolutely necessary. That spares your resources and your budget.



Selected components

We mainly rely on parts, components and software from Germany and carefully select every component used.



Thermal management

The good insulation of our continuous dryers ensures that the heat stays where it is needed. This allows a maximum yield of the energy used.



All products and solutions can be found at

www.tesoma.de