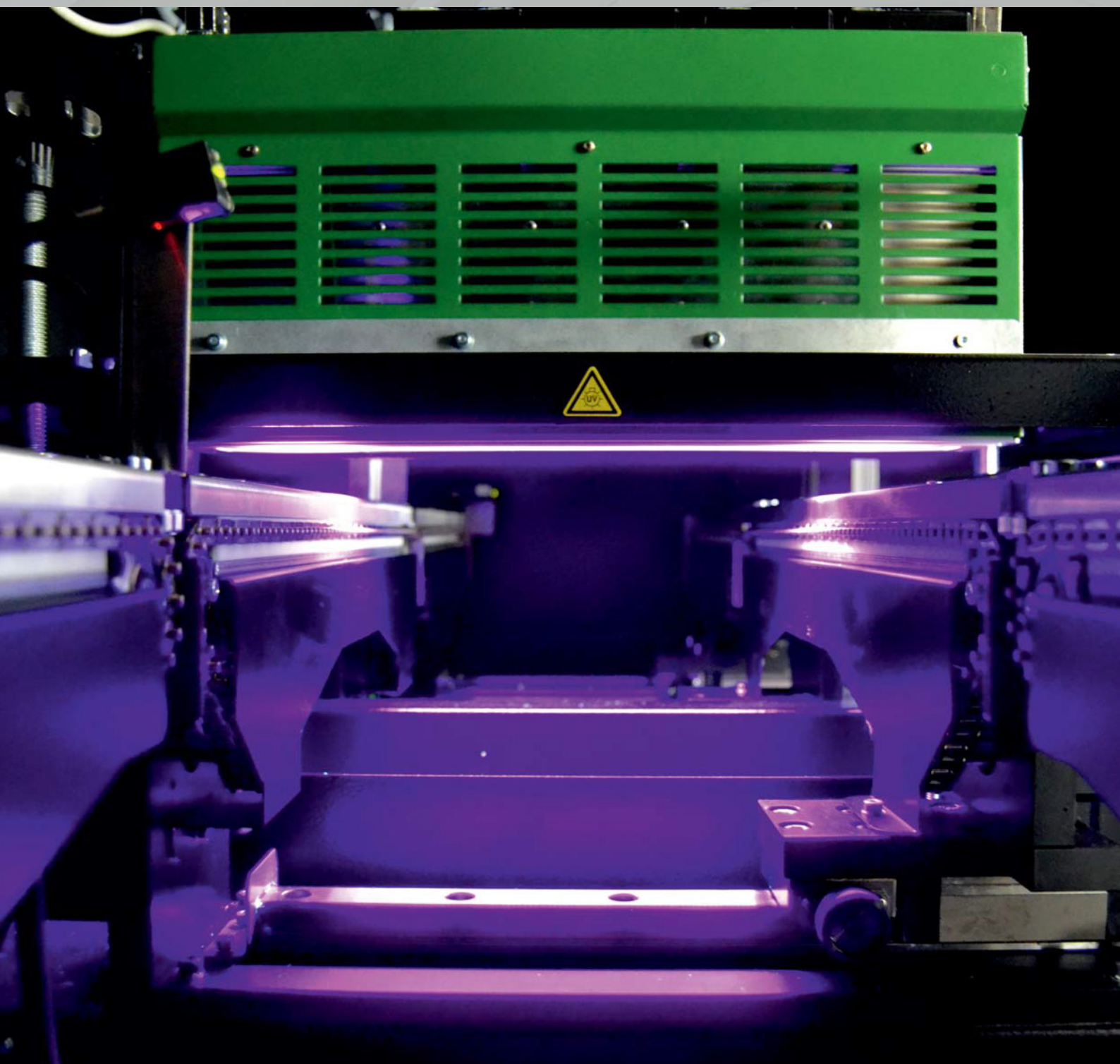




Innovative uv technology

sustained • efficient and save • for a clean future



Over 50 years - Quality „Made in Germany“

Beltron GmbH

over 50 years Quality „Made in Germany“

BELTRON produces high quality machinery and equipment for many applications and markets. Generally our partners are from the graphic industry as well as from other industrial applications. Besides the printing and reproduction market and the electronic industry, the brand **“BELTRON”** has been approved in many other fields, such as solar industry, nano technology, uv-hardening of glue, medical industry, glass industry, automobile industry, production of furniture or other wood based applications, manufacturing of concrete plates, are just a few examples from **BELTRON's** manifold partner portfolio.

Beltron GmbH

more than 50 years your partner in UV technology

Which criteria should your new business partner have to become interesting for you?

Besides requirements like quality and reliability, competence, readiness and partnership are the most important features. As many of our business partners confirm, **BELTRON** fulfils these requirements. Of course – our equipment stands in accordance with all main regulations, such as CE, DIN or SMEMA. Over 50 years quality and experience combined with **“Made in Germany”** – which is still **BELTRON's** policy.

Design and engineering in 3D and most modern CNC and laser production enables us to fulfil all partner specific requirements. Your needs and wishes must not be what we have – our possibilities must be according to your needs. Furthermore **BELTRON** offers his customers a minimized spare parts stock as we have our own spare parts storage. More than 20.000 different articles including UV lamps etc. are available for your requirements. Besides a strong network of local partners, **BELTRON** has business relations to customers all over the world in almost all countries.

Want to try? Your Satisfaction is our target...



Double-sided continous-dryer

Application:

Uv curing and uv post-polymerisation of photoimageable soldermask on printed circuit boards and flex-boards.

Ausführung:

The developed soldermask will be final UV cured in addition to the final thermal curing process. The post- polymerisation process improves the surface characteristics of the solder mask regarding resistance to chemicals in the nickel gold bath, during hot air leveling, in chemical or galvanic tin bath along with the electric surface properties. Exposure time can be reduced to a minimum because the final properties are realized by UV polymerisation.

Technical Information Double-sided continous-dryer

- 2 Medium pressure UV lamps, 800 mm active length
- 1 UV lamp below and 1 UV lamp above the conveyer system
- Conveyor speed:Conveyor speed 1,0 to 6,0 m/min adjustable (others on customer's request)
- Dimensions of PCB:
 - Width: 100 up to 720 mm
 - Length: 100 up to 760 mm
 - Thickness: 0,4 up to 5,0 mm
 - Panel warpage: max. +/- 6mm
- Dimension of the machine:
 - Lenght: 1500 mm
 - Height: 1160 mm
 - Width: 1300 mm
- Electrical supply: 400 V / 50 Hz / 3~
- CE-Sign

The Double-sided continous-dryers are used successfully in:

printing industry, electronic industry, plastic industry, building materials industry, textile industry, packaging industry, pharmaceutical industry, automotive industry, glass industry and engineering.

These are just a few examples from the various partner portfolio of Beltron.

Beltron GmbH

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