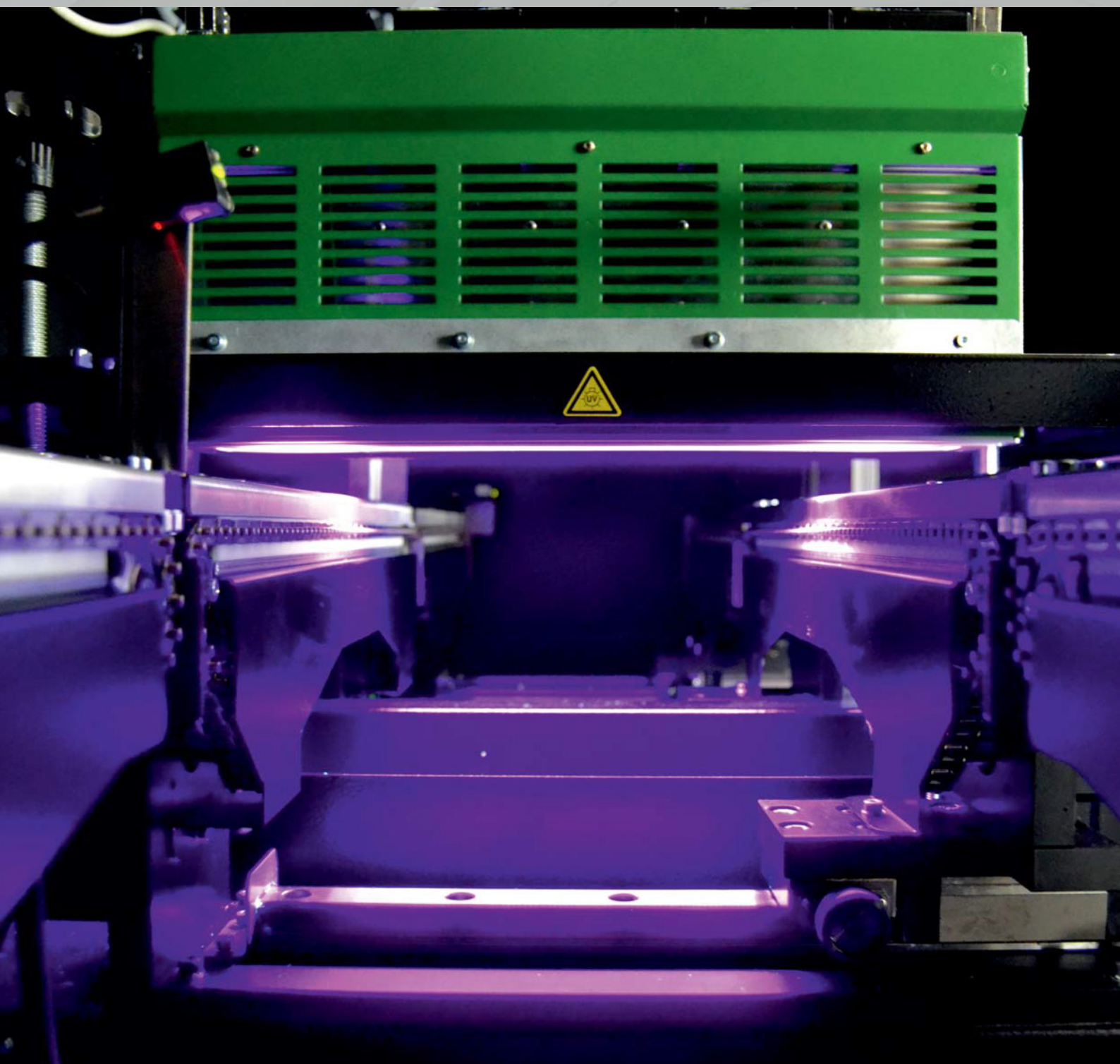




Innovative uv technology

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...



One-sided continous-dryer

Application:

For drying and polymerization of uUV screen inks, UV adesives, for printed circuit boards, laminated materials, plastic, paper, glass, metal and other printed materials in flow process.

Machines of BE type can be delivered with working width of 35 to 260 cm and lamp power of 80 to 120 W/cm and can be equipped with 1 to 3 bulbs.

Design:

Compact, space saving steel construction, belt speed 0,5 – 12 m/min stepless controllable (other ranges possible), electronical lamp cooling system, easy and fast lamp exchange, alu lamp casing with uv bulb with 120 W/cm caspacity, stepless power control in the range of 30-100% for optimal uv radiation, spezial refectors for optimal focusing of uv radiation, service and maintenance friendly design, exhaust air system with connection to exhaust pipe, additional air cooling system between the lamps for critical applications, Compact Control, display of various parameters such as UV set value, operating hours, lamp current. The Compact Control also controls the following tasks: lamp ignition, lamp fuses, idle run, over temperature, exhaust air, converter.

Optional equipment:

Selective filters, quartz glass for further reduction of product temperature, or a SPS computer control.

Special application uv dryers with 6-8 lamps are manufactured several times.

Technical Information One-sided continous-dryer

- Transportation belt: Teflon or metal
- Control: Conventional or PLC with touch screen
- Lamps: 1, 2 or 3 UV- lamps
- Lamp filling: Hg (Mercury), Fe (Iron) or Ga (Gallium)
- Lamp power: 80 - 120 W/cm
- Electrical supply: 400 V / 50 Hz / 3~
- CE-Sign

The One-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.