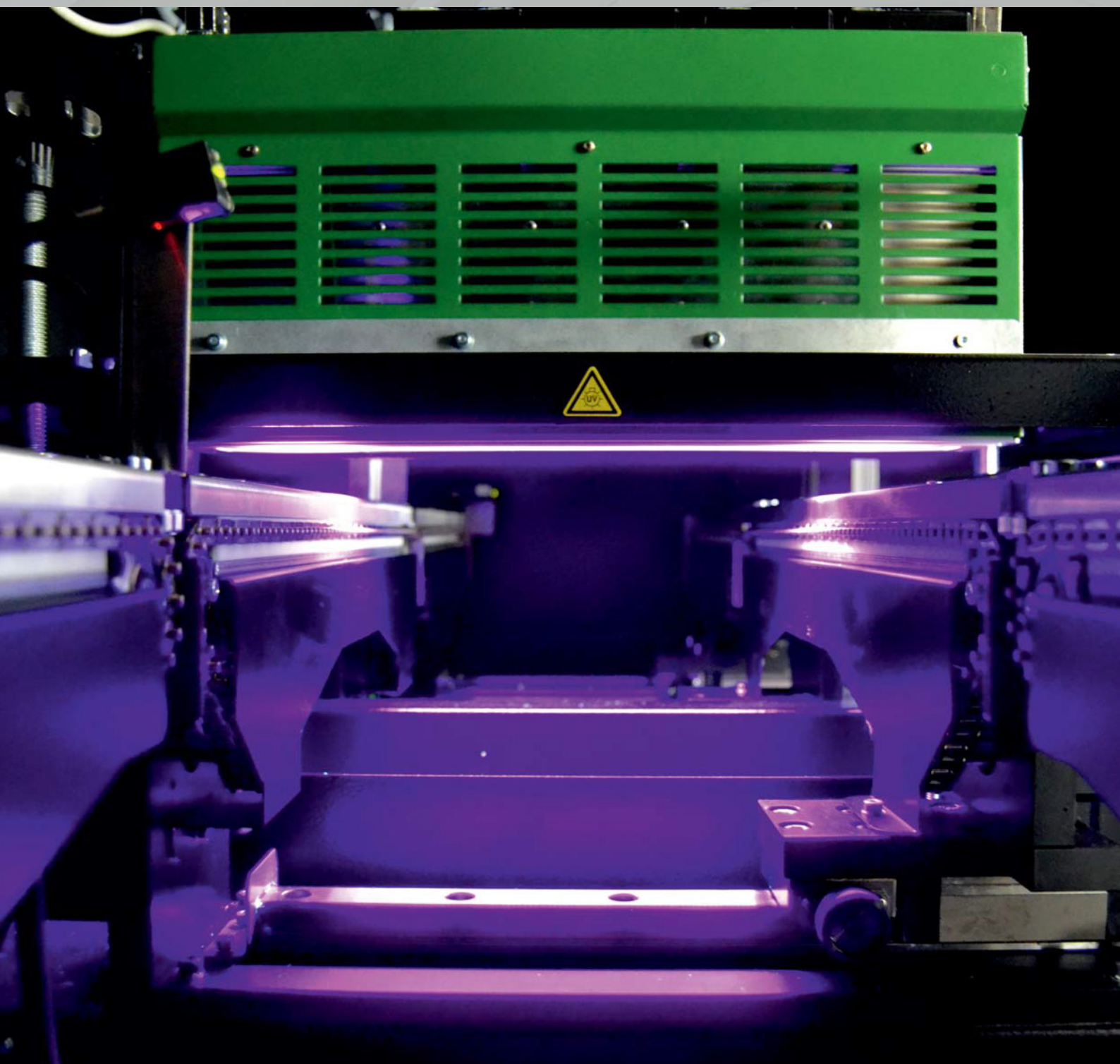




Innovative uv technology

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

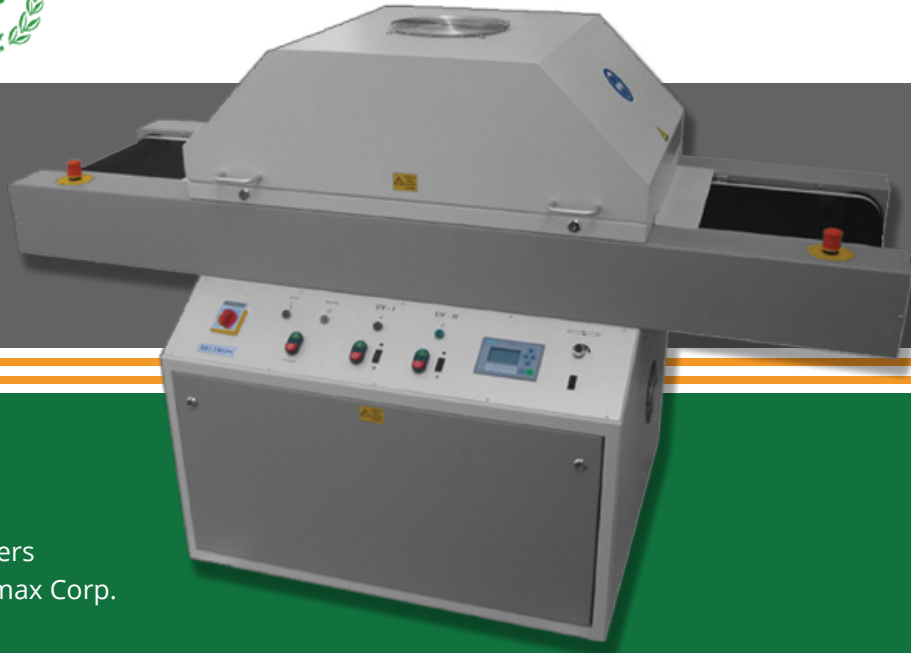
Which criteria should your new business partner have to become interesting for you?

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...

UV curing unit BE 35 BETC



Application:

For uv curing of conformal coatings and solvent-free thick film lacquers on pcbs or other 3D objects such as: uv thick film lacquers TWIN CURE® from Peters Lackwerke or Dymax Corp. and other uv products.

Design:

PFT-conveyor belt with suction/cooling system, max. working width 350 mm, max. working height adjustable between 25 and 95 mm, belt speed adjustable in the range of 1:10, i.e. 2-20 m/min, belt speed 0,5 – 12 m/min stepless controllable (other ranges possible), stepless power control in the range of 30 - 100% for optimal UV radiation, easy and fast replacement of UV lamps, special reflector for optimized focus of uv radiation, integrated electronic control system with all control elements and digital belt speed indication, service and maintenance optimized, exhaust fan with connection for exhaust pipes, special design for curing of thick film lacquers.

Compact Control, display of various parameters such as uv set value, operating hours, lamp current. The PLC also controls the following tasks: lamp ignition, lamp fuses, idle run, over temperature, exhaust air, converter.

On customer request we can equip the machines with:

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

Technical Information UV curing unit BE 35 BETC

- Special designed high gloss furnished reflector which also undercuts the components
- Quick start UV lamp
- Uv energy 80-120 W/cm
- Belt speed: 1,0 - 10,0 m/min (others on request)
- Belt width: 300 mm
- Working width: max. 350 mm
- Substrate height: approx 100 mm (others on request)
- Electrical supply: 400 V / 50 Hz / 3~
- CE-Sign

The UV curing unit BE 35 BETC 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.