

Cutting of acrylic and other plastics with **Trotec laser cutting technology**



Advantages:

- Clean, polished edges
- Excellent, high quality engraving results
- Processing speed up to 60 m/min
- Contact-free processing
- High flexibility as it is a tool-free technology
- Highly economical even with small lot sizes

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Worldwide Leading Laser Engraving Technology

trotec[®]

laser engraving technology

We develop the perfect solution for you!



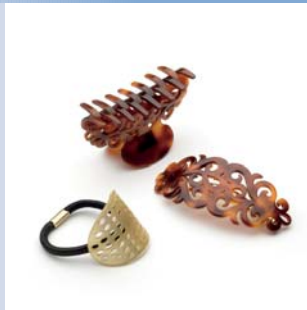
- ▶ **Application:** Accurate cutting of acrylic, plastic and other materials used for architectural model making
- ▶ **Requirement:** ■ Direct transfer of CAD-files from VectorWorks, AutoCAD and other CAD programs ■ Cutting of fine detail and difficult geometries ■ Processing of extremely thin materials ■ Very high processing speed
- ▶ **Solution:** Trotec systems deliver the preferred solution to some of the leading architectural model makers around the world for their exacting requirements



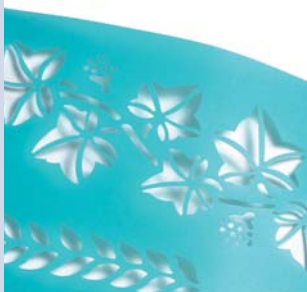
- ▶ **Application:** Cutting of single acrylic parts for point-of-purchase displays
- ▶ **Requirement:** ■ Consistent exact cuttings characterized by utmost repeat accuracy over longer periods ■ Polished cutting edges—no post processing required
- ▶ **Solution:** Trotec **Professional TP 1313** delivers constantly perfect quality thanks to extremely high repeat accuracy of less than $\pm 15 \mu\text{m}$



- ▶ **Application:** Cutting and positioning of acrylic letters and graphics
- ▶ **Requirement:** ■ One-step process to reduce production time and ensure accurate positioning ■ Smooth, polished edges without additional processing
- ▶ **Solution:** Trotec systems are designed for highest possible beam quality and precision in the motion systems



- ▶ **Application:** Cutting of intricate designs in the costume jewellery industry
- ▶ **Requirement:** ■ High quality cutting with lowest possible production times
- ▶ **Solution:** The **Speedy 300 – 100 Watt** proved to be an ideal solution, improving productivity and quality over the technology it replaced



- ▶ **Application:** Creating of templates for the colour printing industry
- ▶ **Requirement:** ■ Precise cutting results on extremely thin, corrugated and lacquer resistant materials
- ▶ **Solution:** The **Professional TP 1313** with vacuum table achieved the required results with a large work platform for high volume production

These are just a few examples of solutions that Trotec has provided for our customers. Contact us—our specialists are looking forward to helping solve your cutting and marking requirements.

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