

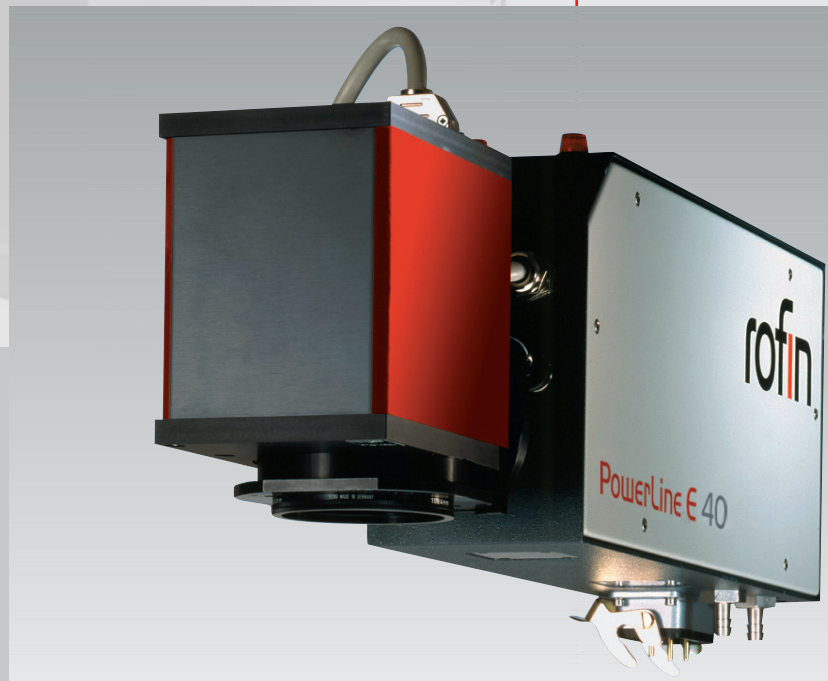
# PowerLine E 40

**for short cycle times**

The PowerLine E 40 offers you reliable technology combined with a highly efficient end-pumped resonator module. What you get is significantly increased output power at high beam quality. The PowerLine E 40 offers short cycle times and opens up a wide range of new applications.

Our comprehensive know-how enables us to find the optimum solution for every material and every kind of marking in close cooperation with our customers. Ceramics, metal or plastics, clear text or encoding – with a wide selection of technical options we achieve results that precisely fit your expectations.

A compact laser housing enables easy integration into customer specific installations. If necessary, several lasers can be set up in manufacturing lines.



The high pulse frequency provides for short marking times. The outstanding mechanical and optical quality ensures precise marking results and reliable function in tough every day industrial environments.

#### **Your benefits**

- Wide range of application
- Short cycle times
- High reliability



Just-in-time marking

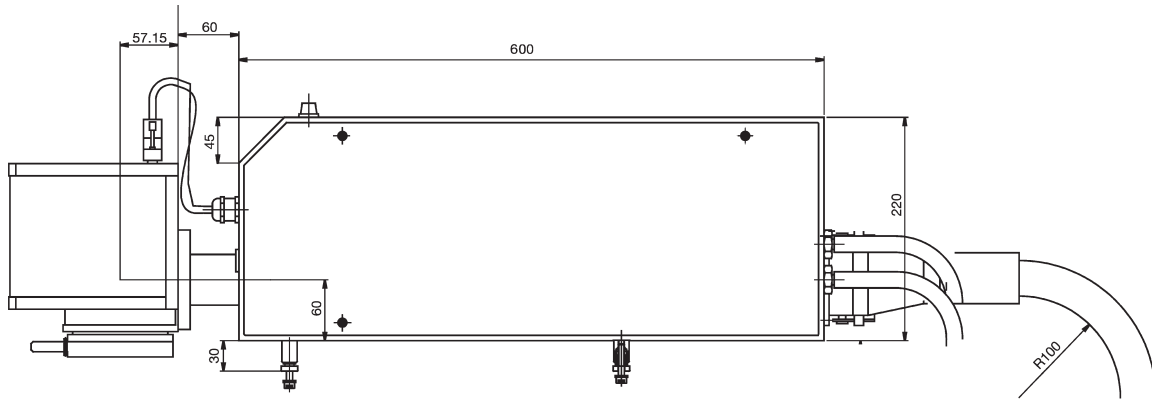


Mass production



Day & Night marking

# PowerLine E 40



## Technical Data

### Laser head

|                     |                    |
|---------------------|--------------------|
| Wavelength:         | 1064 nm            |
| Pulse frequency:    | 30 – 200 kHz       |
| Dimensions (LxWxH): | 600 x 118 x 220 mm |
| Weight:             | approx. 22 kg      |
| Safety class:       | IP 65              |

### Marking unit

|                     |  |
|---------------------|--|
| Marking field size: | 120 x 120 mm (other field sizes on demand) |
| Focal distance:     | 160 mm (other focal distances on demand)   |
| Dimensions (LxWxH): | 167 x 118 x 200 mm                         |
| Weight:             | approx. 3.5 kg                             |
| Safety class:       | IP 54                                      |

### Supply unit

|                             |  |
|-----------------------------|--|
| Dimensions (DxWxH), Weight: |  |
| 19" version:                | electrics: 450 mm x 19" x 5 HE; 34.5 kg<br>cooling: 580 mm x 19" x 7 HE; 55 kg |
| Cooling:                    | Integrated air cooling   |
| Power supply:               | 230 V ± 10%, 50 Hz / 60 Hz, one phase  |
| Energy consumption:         | max. 2.1 kVA   |
| Safety class:               | IP 54, IP 20 (19" components)  |

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