

trotec

E Line.

E340 CO2 Laser Cutter

All a Laser Cutter Needs

Step into the world of reliable CO2 laser cutting with a system that gives you exactly what you need — proven Trotec engineering, robust build quality, seamless Ruby® workflow, OptiMotion™ automation, and strong price-performance value.



- Reliable cutting & engraving quality thanks to proven core technologies and robust build that minimize downtime and keep your production running smoothly.
- Simple, efficient workflow with Ruby® Essential, combining design, job preparation, and machine control into one connected platform for faster, clearer, and more intuitive operation.
- OptiMotion™ automation for clean, fast cuts, dynamically adjusting speed and acceleration so you save setup time while achieving consistently high-quality results.
- Centralized system control and smart electronics, giving you real time monitoring of laser, exhaust, filters, and temperature — increasing uptime and making operation easier, even for beginners.

	Engrave/Mark	Cut
	CO ₂	CO ₂
Metal		
Aluminum anodized		
Acrylics transparent	✓	✓
Acrylics colored	✓	✓
Glass transparent	✓	
Glass colored	✓	
Mirror		
Ceramics		
Plastic sheets	✓	✓
Leather	✓	✓
Paper white	✓	✓
Paper colored	✓	✓
Cardboard	✓	✓
Plastics	✓	✓
Stone	✓	
Fabric	✓	✓
Wood	✓	✓
Cork	✓	✓
Food	✓	✓

Included features of the E340

Automatic focusing

Automatically raises the worktable ensuring the laser is positioned at the correct focus point without manual adjustment.

Air assist

The integrated pump protects the lens by preventing dust from adhering to it.

Working tables

E340 includes a combined aluminum slat and honeycomb cutting table. Both fit precisely as one unit and can be separated for individual use when needed.

CE certificate

Our machines meet all official requirements, ensuring safe operation.

2 inch focus lens

E340 comes with a 2 inch focus lens, optimized for reliable all round performance across common engraving and cutting applications.

Laser pointer

The laser pointer indicates with a red dot the exact impact point of the laser beam on the material.

Technical data of E340

E340 RF

Working area (W x D)	875 x 580 mm 34.4 x 22.8 in
Max. height of workpiece	225 mm 8,9 in
Loading area (W x D)	991 x 691 mm 39 x 27,2 in
Overall dimensions (W x D x H)	1520 x 1205 x 1115 mm 59.8 x 47.5 x 43.9 in
Max. processing speed	1,2 m/s 47,2 ips
Max. acceleration	25 m/s ² 984.3 ips ²
Technology motion system	Brushless stepper motor
Laser power CO ₂	Sealed-off RF CO ₂ laser 60 W
Laser class	2
Weight	Approx. 275 kg 606.3 lbs
Power consumption	1 ~ AC 110-230 V, 50/60 Hz, 1000 W

E340 options and accessories

Rotary engraving equipment

Achieve reliable results on cylindrical, round, or conical objects with our rotary engraving attachment.

Vision Print&Cut

A camera with the ability to detect registration marks ensures the precise and efficient cutting of materials adorned with printed graphics or designs.

Exhaust systems

Trotec's Atmos exhaust systems efficiently remove dust and fumes, making them the ideal companion for E Line laser.