

# COBALT EDGE

LASER PLATE-MAKING SYSTEM



INK CUPS

# COBALT EDGE

The Cobalt Edge is a high-performance MOPA fiber laser engineered for precise and efficient plate etching across a wide range of applications- from promotional products to apparel and beyond. Featuring a powerful 20-watt laser, the system offers a maximum marking area of 4.3" x 4.3" (110 mm x 110 mm), a fine spot size of 44 microns, and an exceptional fiber source lifespan rated at 100,000 hours, delivering long-term durability and consistent results.

Equipped with an integrated focus finder, the Cobalt Edge ensures accurate registration and high-quality markings every time. Designed for flexibility, the system allows effortless switching between two common plate sizes—16.75" x 7.09" (400 mm x 180 mm) and 17" x 24" (432 mm x 610 mm)—with a quick bracket adjustment.

## FEATURES

**MOPA FIBER LASER TECHNOLOGY**

**DUAL RED DOT FOCAL FINDER**

**ETCH LASER PLATES AND A VARIETY OF OTHER SUBSTRATES**

**SELF-CENTERING PLATE HOLDER**

**CE CERTIFIED**

## SYSTEM SPECIFICATIONS

LASER WATTAGE	20 watt
MAX. MARKING AREA	4.3" x 4.3" (110mm x 110mm)
MAX. PLATE SIZE	17" x 24" (432 mm x 610 mm)
SPOT SIZE	44 micron (.0017")
CURRENT/VOLTAGE	Power: 150 Watts, 100-250 VAC, 1 Phase, 50/60Hz
OPERATIONS CONTROL	<ul style="list-style-type: none"><li>• PLC control with error code message display</li><li>• Class 1 laser enclosure with safety interlock</li><li>• Glide surface technology door with slot for long plates</li></ul>
SOFTWARE	<ul style="list-style-type: none"><li>• Cobalt Software- handles Adobe Illustrator (Illustrator not included)</li><li>• EZCAD Software</li></ul>
DIMENSIONS (LxWxH)	18.5" X 28" X 29.25" (470 mm x 711 mm x 743 mm)
WEIGHT	173 lbs (78.5 kg)
FEATURES	<ul style="list-style-type: none"><li>• Adjustable power, frequency and speed settings</li><li>• Ventilation port for RX-4 exhaust</li><li>• CE Certification</li></ul>

## COMPATIBLE PLATE MATERIALS:

- Cobalt Ultra
- Cobalt Steelback
- DuraLaze
- Onyx Ultra
- Onyx Steelback

