



An innovative, reliable manufacturing platform featuring high-speed scanning, flexible material options, and simplified serviceability

INTEGRA P 400 
A PRODUCT OF EOS NORTH AMERICA

Integra P 400: Maximum productivity for processing polymers at operating temperatures of up to 300°C

Built for high productivity, the Integra P 400 offers simplicity, serviceability, sustainability, and scalability in an open polymer laser sintering platform.

Machine Highlights

- High productivity, excellent part quality and homogeneous properties
- Innovative dual-roller recoating system applies material with a speed of up to 0.4 meters per second
- 120 Watt CO₂ laser producing the fastest scanning times in the industry
- Designed to enable maximum material flexibility
- Open software interfaces and user-friendly tools support application and material development
- Extensive sensor technology plus optical and thermal monitoring provides excellent process monitoring to meet the requirements of the aerospace and automotive industries
- Intuitive user operation: **EOSPRINT 2** enables software integration from CAD model to print

Technical Data: Integra P 400

Building volume	420 x 420 x 500 mm (16.5 x 16.5 x 18.4 in)
Laser type	CO ₂ – 1 x 120W (70W available upon request)
Building rate	25 mm/hour (typical)
Layer thickness	capability from 0.10 mm to 0.18 mm per layer
Scanning speed	up to 12.7 m/s (500 in/sec) sky-writing
Power supply	240 V, 3 Phase / 40 A - peak operating current 30 A

System Dimensions (W x D x H)

System	2.08 x 1.32 x 2.46 m (6.83 x 4.33 x 8.08 ft)
Recommended installation space	min. 4.6 x 4.1 x 3.3 m (15 x 13.50 x 11 ft)

Cooling System Specifications: 2500 Chiller

Voltage	208 - 230 VAC
Frequency	60 Hz
Phase	Single
Amps	20 A

Software

EOSPRINT 2.0

Optional Accessories

Additional exchangeable frames, exchangeable laser window units, additional multibox feed system units, reduced build volume adaptor*

* Currently under development

The Integra P 400 is manufactured and supported by EOS North America.

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Think the impossible. You can get it.

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