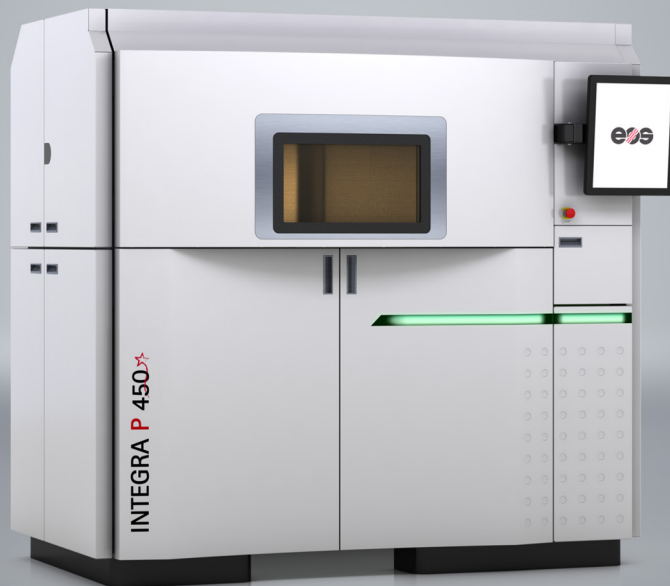


User  
Friendly

Low Cost  
per part

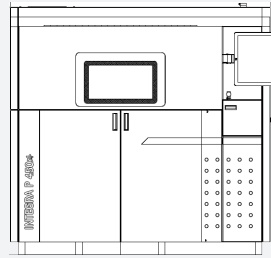


**INTEGRA<sup>®</sup> P 450<sup>®</sup>**  
A mid-range polymer 3D printer  
that scales with your production

# INTEGRA P 450

## Productive. Flexible. Upgradable.

Built upon decades of industry feedback, the INTEGRA P 450 bridges the gap from prototyping to serial production, offering simplicity, serviceability, sustainability, and scalability in an open laser sintering platform.



- 8 independently controlled heating zones for more consistent part production and efficient use of build volume
- Thermal imaging camera for improved quality control and data-capturing
- Designed to enable maximum material flexibility, up to 300° C
- Future-proof modular design, with exchangeable optics tray, frame system, and more
- 120 Watt Co2 laser producing the fastest scanning times in the industry
- Innovative dual-roller recoating system applies material with a speed of up to 0.4 meters per second
- Open software interfaces and user-friendly tools support application and material development
- Intuitive user operation: EOSPRINT 2 enables software integration from CAD model to print

### Technical Data INTEGRA P 450

Building volume	420 x 420 x 500 mm (16.5 x 16.5 x 19.7 in)
Laser type	CO <sub>2</sub> 120 W ( 70 W available upon request)
Building rate	25 mm/hr (typical)
Layer thickness (depending on material)	capability from 0.10 mm to 0.18 mm per layer
Scan speed during build process	up to 12.7 m/s (500 in/sec) sky-writing
Power Supply	240 VAC, 3 Phase / 40 A - peak operating current 30 A
Power Consumption	typical 8.3 kW; maximum 12.5 kW
Dimensions (W x D x H)	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)
Weight	~4,000 lb

The INTEGRA P 450 is manufactured and supported by EOS North America

EOS North America  
Pflugerville Technical Center  
3813 Helios Way, Suite B298  
Pflugerville, TX 78660 USA

Phone +1 877 388 7916

### Software

IntegraBUILD, EOSPRINT 2.1, Materialise Magics (optional)

[integraP450.com](http://integraP450.com)

[info@eos-na.com](mailto:info@eos-na.com)

### Optional Accessories

Additional exchangeable frames, exchangeable laser window units, additional multibox feed system units, reduced build volume adaptor, breakout station, additional feed hoppers

**INTEGRA P 450**   
A PRODUCT OF EOS NORTH AMERICA