

POLYMER SOLUTIONS

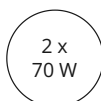
EOS P 500

- The innovative recoater, which applies and densifies material with a speed of up to 0,6 m/sec, as well as two powerful 70 watt lasers reduce cost-per-part by more than 30%.
- The new 3-stage filter unit and an intelligent thermo- and protective gas management ensure optimum process conditions.
- The system enables maximum material flexibility (incl. high performance polymers). Open software interfaces and user-friendly tools support application and material development.
- Extensive sensor technology plus optical monitoring enable excellent process monitoring to meet the requirements of the aerospace and automotive industries.
- With EOSYSTEM the machine is operated intuitively. EOSPRINT 2 enables software integration in CAD systems, e. g. NX™ from Siemens and via EOSCONNECT the connection to ERP systems. Thus the EOS P 500 supports a digital control of production.
- Automated interfaces and optimized accessories reduce the cycle time drastically and ensure building process of several days duration.



EXPOSURE MODULE

LASERS



SOFTWARE



EOS DATA INSIGHTS

Data Insights offers unparalleled insights into machine performance — either individually or as a whole park of devices.



EOS SYSTEM SUITE

EOS System Suite optimizes production by streamlining processes, integrating with MES and shop-floor IT systems, and generating detailed quality reports.



TECHNICAL DATA

BUILD VOLUME	500 x 330 x 400* mm (19.7 x 13.0 x 15.7 in)
LASER TYPE	CO ₂ ; 2 x 70 W
PRECISION OPTICS	2 F-theta-lens(es); 2 High-speed scanner(s)
SCAN SPEED	up to 10.0 m/s (32.8 ft/s)
POWER SUPPLY	1 x 100 A

* Height includes build plate

DIMENSIONS & WEIGHT

EOS P 500

Height: 2,100 mm / Weight approx. 7,000 kg

EOS P 500

PA 2200 Balance



PA 2200 CarbonReduced Balance



PA 2200 Performance



PA 2200 CarbonReduced Performance



PA 2200 Speed



PA 2200 CarbonReduced Speed



PA 2200 Top Quality



PA 2200 CarbonReduced Top Quality



PA 2200 Top Speed



PA 2200 CarbonReduced Top Speed



PA 2201



OPTIONAL ACCESSORIES

IPCM P Plus

Fully Automatic With a Closed Powder Cycle

Unpacking & Sieving Station

Unpacking and sieving station quickly removes excess material from the components, sieve and conveys used powder

Blasting Cabinet

Manually or automatically depowder components using glass or plastic blasting media

Cool Down Cover

HEADQUARTERS

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Status as of 04.09.2024. Subject to technical modifications. EOS is certified according to ISO 9001.

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