



## EOSINT P 760

### Technical Data

Effective building volume	700 mm x 380 mm x 580 mm
Building speed (material-dependent)	up to 32 mm/h
Layer thickness (material-dependent)	0.06 – 0.10 – 0.12 – 0.15 – 0.18 mm
Support structure	not necessary
Laser type	CO <sub>2</sub> , 50 W
Precision optics	F-theta-lens
Scan speed during build process	up to 2 x 6 m/s
Power supply	32 A
Power consumption (nominal)	3.5 kW
Nitrogen generator	integrated
Compressed air supply	minimum 6,000 hPa; 20 m <sup>3</sup> /h

### Dimensions (B x D x H)

System incl. switchgear cabinet	2,250 mm x 1,550 mm x 2,100 mm
Control terminal	1,045 mm x 850 mm x 1,620 mm
Powder conveying system	1,890 mm x 1,350 mm x 1,550 mm
Break-out station	1,600 mm x 800 mm x 1,370 mm
Recommended installation space	4.8 m x 4.8 m x 3.0 m
Weight	approx. 2,300 kg

### Data preparation

Software	EOS RP Tools; EOSTATE 1.2; Magics RP (Materialise)
CAD interface	STL. Optional: converter to all common formats
Network	Ethernet