

# BMT



## EOSINT M 280

Technical Data	
Building volume (including building platform)	250 mm x 250 mm x 325 mm (9.85 x 9.85 x 12.8 in)
Laser type	Yb-fibre laser, 200 W or 400 W (optional)
Precision optics	F-theta-lens, high-speed scanner
Scan speed	up to 7.0 m/s (23 ft./sec)
Variable focus diameter	100 - 500 µm (0.004 - 0.02 in)
Power supply	32 A
Power consumption	maximum 8.5 kW
Nitrogen generator	integrated
Compressed air supply	7,000 hPa; 20 m <sup>3</sup> /h (102 psi; 26.2 yd <sup>3</sup> /h)
Argon supply	4,000 hPa; 100 l/min
Dimensions (B x D x H)	
System	2,200 mm x 1,070 mm x 2,290 mm (86.6 x 42.1 x 90.1 in)
Recommended installation space	min. 4.8 m x 3.6 m x 2.9 m (189 x 142 x 114 in)
Weight	approx. 1,250 kg ( 2,756 lb)
Network	
Software	EOS RP Tools; EOSTATE Magics RP (Materialise)
CAD interface	STL. Optional: converter for all standard formats
Data preparation	Ethernet