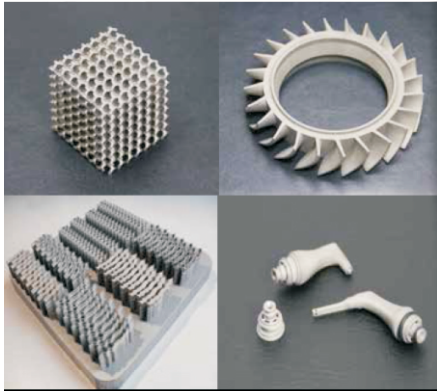


Technical Data Systems



Production 3D Printers



Prox 100



Prox 200



Prox 300

Laser Power/type	50 W/Fibre laser	300 W/Fibre laser	500 W/Fibre laser
Laser wave length	-----1070 nm-----		
Layer Thickness Range	-----Adjustable, min 10 µm max 50 µm-----		
Build Envelope Capacity (x,y,z)	100 x 100 x 80mm	140 x 140 x 100 mm	250 x 250 x 300 mm
Metal Material Choice	-----Stainless Steels, tool steels, non-ferrous alloys, super alloys and other-----		
Ceramic Material Choice	-----Cermet (AL ² O ³ ;TiO ²) and others-----		
Repeatability	-----x=20 µm, y=20 µm, z=20 µm-----		
Minimum Detail Resolution	-----x-100 µm,y-100 µm, z-20 µ-----		
Outer 3D Printer	1200 x 770 x 1950 mm	1200 x 1500 x 1950 mm	2400 x 2200 x 2400 mm
Weight 3D Printer	2200 lbs (1000 kg)	3300 lbs, 1500 kg	11000 lbs, 5000 kg
Electrical Requirement	230V / 2.7 kVA / Singale Phase Requirement	400V / 8 kVA / 3 phase	400V / 15 kVA / 3 phase
Compressed Air Requirements	-----6 ~ 8 bar-----		
Software Tools	-----Processing-Manufacturing-----		
Control Software	-----PX Control-----		
Operating System	-----Windows XP-----		
Input Data File Format	-----STL, IGES, STEP-----		
Network type and protocol	-----0/100 Ethernet, RJ-45 Plug-----		
Recycling System	-----Optional external system (PX BOX)-----		Automatic