

Formiga P110

<i>Process</i>	Selective laser sintering (SLS)
<i>Effective building volume</i>	200 x 250 x 330 mm (see image below)
<i>Building speed (depending on material)</i>	Up to 20 mm height/h
<i>Layer thickness (depending on material)</i>	60 / 100 / 120 micron
<i>Laser type</i>	CO ₂ , 30 W
<i>Laser spot size</i>	<500 micron
<i>Precision optics</i>	F-theta lens
<i>Scan speed during building</i>	Up to 5 m/sec
<i>Power supply</i>	16 A
<i>Power consumption</i>	Maximum 5 kW / typical 1.4 kW
<i>Nitrogen generator incl. external nitrogen connection</i>	Integrated
<i>Compressed air supply</i>	Min. 6,000 hPA (87 psi); 10 m ³ /h (13.08 m ³)
<i>Material</i>	PA2200 performance 1.0
<i>Support structure</i>	Not required

BUILD PLATE

