

The Alpha 140 combines innovative additive manufacturing technology with simple operation at low system costs.

The Alpha140 offers an optimal solution for the tool-free production of metal parts, especially for small and medium-sized companies.



Technical specifications

Alpha140

GENERAL

build volume	Ød = 140 mm x 200 mm
shield gas input (argon/nitrogen)	6-10 bar
shield gas consumption	flooding 40 l / min process 5 l / min job Ø 10 l / min
layer height	30 - 90 µm

LASER AND OPTIC

laser	diodlaser 140 W
wavelength	915 nm
focus diameter	140 µm

ELECTRONICS

electrical input	230 V 50 Hz, max. 16 A Pmax = 3 kW, singlephase
IP protection class	IP54
environment temperature	15 - 35 °C
air humidity	max. 70 %



DIMENSIONS

dimensions (l x w x h)	1675x815x 1508 mm ³
weight	ca. 500 kg ~1.100lbs

MATERIALS

materials	stainless steels nickelechromium alloys cobaltechromium alloys aluminium
part density	up to 99.9 %
geometrie accuracy (xy)	< 100 µm

SOFTWARE

SliceGen AM

GET IN TOUCH

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