



TECHNICAL SPECIFICATIONS HAGE3D 175X

Industrial solution for material extrusion



6-axis
printer with
heatable built
chamber



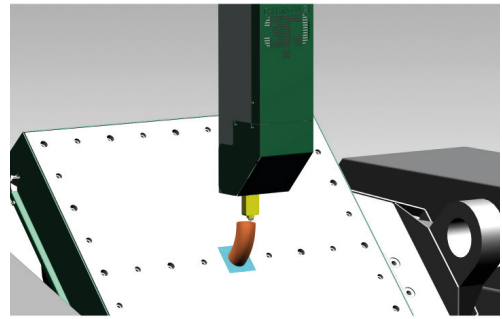
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HAGE3D 175X



BUILT SIZE

Printable dimensions	Up to 500 x 500 x 450 mm
Heatable built chamber	Up to 80 °C
LED lighting	Yes



GENERAL

Power supply	400 V / 230 V
External dimensions	2.500 x 2.500 x 2.500 mm
Weight	2.500 kg
Safety circuit	Yes



MATERIAL

Material use	Free choice of material
Printable Materials	Recommended material supplier ASA, ABS, PET-G, PLA, TPE, PA, PC-ABS*, PP High performance plastics: PEEK*, PSU*, PPSU* metal*/ceramic* filled materials



PRINTER SPECIFICATIONS

Print head	Water cooled servomotor, single-direct-drive
Nozzle diameter	0,3 to 1,0 mm (0,4 mm standard)
Layer thickness	From 0,05 mm
Positioning accuracy	In XY < 0,05 mm
Filament feed	With HFFS technology (High Friction Feeding System)
Fast motion speed	XY~250 mm/s, Z~300 mm/min
Printing speed	90 to 150 mm/s
Built rate	Up to 150 g/hr (differs from material)
Hot-end temperature	300 °C, optional 450 °C
Print bed	Heated precision platform with 2.800 W, 140 °C
Controllable part cooling	Optional
Drive technology	Ball-screw in XYZ
Servomotor	Water cooled; absolute encoders



USER COMFORT

Stand-alone printing	Per USB
Network integration	Ethernet link
Remote servicing	Yes
Stop & Go function	Yes
Override function	Real-time adjustment of the printing parameters
User management	Multi-state user permissions concept, notification via mail inclusive
Filament replenishment	Refill message notification via mail inclusive (optional)
Status display	LED + Touchscreen
User Interface	18,5" Multi Touchscreen



SOFTWARE

Machine control	Sinumerik 840D sl with server motors
Slicing software	Siemens NX Multi-Axis Deposition

*for experimental use, limited size for printed parts