



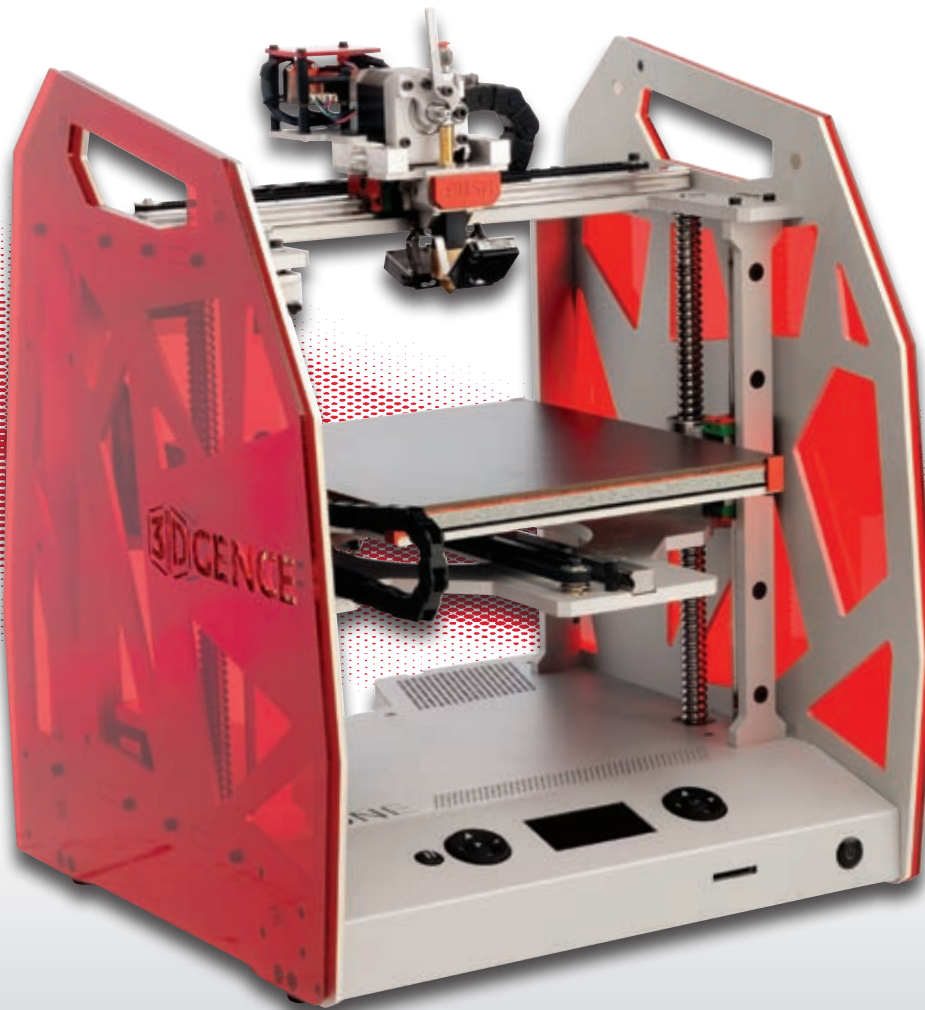
CD3D
Centrum Druku 3D
„Best New
Polish Company
2014“



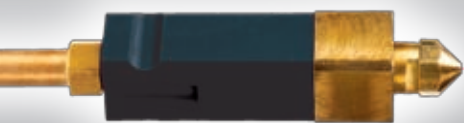
II Place
in SIMP Competition
„Best Technical
Achievement“
VIII Edition

3DGence ONE

3D PRINTER



**Powerful 3D Printing Platform
with Swappable Hotend**



IDEAL FOR

Rapid Prototyping
Manufacturing
Professional Services

Specifications



SIZE & WEIGHT

Printer incl. spool holder	490 L x 380 W x 470 H mm [192.9 L x 149.6 W x 185 H in]
Printer excl. spool holder	375 L x 380 W x 470 H mm [147.6 L x 149.6 W x 185 H in]
Shipping box	465 L x 465 W x 605 H mm [183 L x 183 W x 238.2 H in]
Printer weight	18 kg [39.7 lbs]
Shipping weight (incl. accessory kit)	20 kg [44.1 lbs]

TEMPERATURE

Ambient operating temperature	18-28°C [64.4-82.4°F]
Storage temperature	0-32°C [32-89.6°F]

ELECTRICAL

Input / Output	110/240V AC ~2.5A 50/60Hz / 24V DC
Power consumption	avg. 220W with peak heating up to 600W
Connectivity	SD Card, USB

PRINTING

Print technology	FFF (Fused Filament Fabrication)
Build volume	235 L x 255 W x 195 H mm [9.3 L x 10 W x 7.7 H in]
Layer resolution	50 microns
Hotend	1 - swappable*
Nozzle diameter	0.5 / 0.4 / 0.3 mm [0.0196 / 0.0157 / 0.0118 in]
Minimum wall thickness	0.3 mm [0.0118 in]
Filament diameter	1.75 mm [0.0689 in]
Filament type	ABS, PLA, elastic materials and others
Maximum hotend temperature	265°C [509°F]
Maximum table temperature	140°C [289°F]

MECHANICAL

Construction	Anodized aluminium and coated steel
Build surface	Heated ceramics
Heat chamber (option)	Stable printing environment
XY positioning precision	6 microns
Z positioning precision	0.4 microns

SOFTWARE

Bundled software	Simplify3D
Supported file types	.stl, .obj
Host Platform	Windows, Mac



Changeable Color Side-Covers (3 colors available: red, orange, blue)



Heated Ceramic Bed with Autocalibration System



*Swappable Hotend System (Patent pending)

3dgence.com



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INNOVATION IN 3D PRINTING TECHNOLOGY