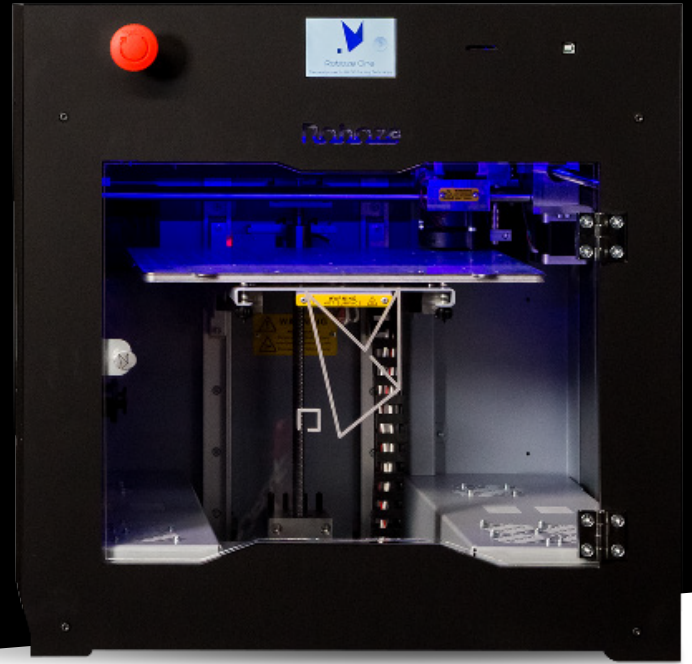


Roboze One

Created to Create



DIMENSIONS

External	(X)547 x (Y)440 x (Z)585 mm / 21.5x17.3x23.0 in
Build Volume	(X)280 x (Y)220 x (Z)200 mm / 11.0x8.7x7.9 in
Shipping Box	(X)1220x(Y)740x(Z)1160mm / 48.0x29.1x45.7in
Weight	40 kg / 88 lb

ACCURACY

XY: 25 µm/984.25 µin

Z: 25 µm/984.25 µin

RESOLUTION

Quality Profile: 0.18 mm/0.007 in

Speed Profile: 0.24 mm/0.009 in

PRINT SPEED

3000 mm/min - 118 in/min

ELECTRONICS

Stepper Motors: 1A 1,8 deg

Stepper Driver with heat sinks

3.5" Display touch screen

Maximum Absorbed Power: 700 W

Temperature sensors in the extruder and the build plate

Build plate heated up to 100°C/212°F

100 to 240 V AC(±10% max), 50/60 Hz

MATERIALS

CARBON PA

ULTRA-PLA

ABS-ESD

STRONG - ABS

FUNCTIONAL-NYLON

FLEX-TPU

EXTRUDER MECHANICS

High thermal efficiency extruder block with 1 extruder

Extruder temperature up to 300°C/572°F

Tip1-B - 0,4 mm/0.016 in

Tip1-C - 0,4 mm/0.016 in

GENERAL MECHANICS

Electro-galvanized steel frame

C50 hardened and chromed steel brass for X and Y supports

Ball sleeves for X and Y linear motion

C7 ball screw nut seat with aluminum flexible shaft coupling to absorb vibrations from Z motor

Mobile components and aluminum supports from CNC mechanical precision machining

Magnetic build plate

Leveling system and cushioning of the build plate on 4 points

Fast printing plate replacement system with neodymium magnets

CONTENT

SD Card

Power Cable

1 x Tip1-B (0,4 mm)

Thickness gauge

Safety goggles

Safety gloves

Metallic spatula

2,5 mm (3/32") key wrench

Removable plate

Plastic spatula

Extruder cleaning wire

Screwdriver

Blister of Grease

SLICING SOFTWARE

Simplify3D (not included)

COMMUNICATIONS

Standard DSCH memory card reader and 16GB card included

USB output type B

EMEA HEADQUARTERS

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USA HEADQUARTERS

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