

5 YEARS
OR 5000 HOURS
WARRANTY



craftbot **FLOW** **GENERATION**

SINGLE EXTRUDER:
COMPACT WORKHORSES
WITH HIGH-TECH FEATURES

Our mission is to offer a user-friendly 3D ecosystem, which are also reliable, plug&play printers based on our users'needs and feedback. Our users always inspire us to do our best. We have created our best 3D printer range - dedicated to efficiency and innovation.

KEY FEATURES – inspired by you

EFFECTIVITY

UNIQUE DESIGNED PRINTING BED

- FOR THE STRONG ADHESION & EASY REMOVAL: The heated bed comprises of metal, tempered glass, and Kapton this ensures the maximum adhesion during printing, while the flexible top plate makes the removal easy even in the case of very flat objects.

MESH BED LEVELING - SIMPLIFY THE

CALIBRATION PROCESS: Beside the automatic XY calibration we have built in a semi-automatic, electronically aided Z calibration as well into our IDEX printers.

HUGE PRINT VOLUME

RELIABILITY

REINFORCED STEEL FRAME - MAKES CRAFTBOTS "TANK" : reinforced double-shell structure and robust extruded aluminium profiles along the Z axis.

NEW FILAMENT MONITORING sensor - for the smooth operation

ALL-METAL HOTEND: Exceptional quality printings and less filament jam.

HIGH - TECHNOLOGY

NEW PR3DATOR MOTHERBOARD - FOR THE MAXIMUM SPEED: 32 Bit fast for more accurate and precise control. Our mainboard is equipped the industry leading motor control system, extended features and great interface connections.

RASPBERRY PI IS THE ENGINE OF HMI - ENABLES MORE FLEXIBLE

DEVELOPMENTS: A brand new microcomputer which supports your effective working time. Ultra-fast response times, unified user interface, stable Linux operating system in a modern, hi-tech design, future-proof execution.

WEB INTERFACE, IOT - FOR THE INDUSTRY 4.0 COMPATIBILITY:

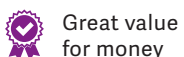
Each printer has its own responsive interface with a simple control option connected to the owner PC via a secure intranet connection. In addition the built-in camera facilitates working processes. The platform-independent access, the programmable API, the fine-tuning CraftWare software and compatibility with even a heterogeneous printer farm bring you a totally personalized option to control your work.

5" COLOR TOUCH SCREEN - for the innovative design

LED STATUS INDICATOR - maximize the user experience

PLUG&PLAY 3D PRINTER WITH 5 YEARS WARRANTY

With all of the exciting new features Flow Generation still holds true to our original values:



Great value
for money



The Tank



Printing accuracy



CraftWare



Plug 'n' Play



Print pause
& resume



Color lcd touchscreen



Heatable
build platform

SPECIFICATION

PRINTING

| | |
|--------------------|--------------------------------------|
| Technology | Fused Filament Fabrication (FFF) |
| Layer resolution | 50 micron |
| Position precision | XYZ accuracy: 12.5 x 12.5 x 5 micron |
| Filament diameter | 1.75 mm |
| Filament types | PLA, ABS, HIPS, PET, Nylon, etc. |
| Nozzle | 0.4 mm |
| Print speed | up to 200 mm/s |
| Power consumption | max. 500 W |



TEMPERATURE

| | |
|--|--------------|
| Ambient temperature | 5 - 40 °C |
| Storage temperature | 0 - 50 °C |
| Operating nozzle temperature | 180 - 300 °C |
| Operating heated build plate temperature | 30 - 110 °C |

SOFTWARE

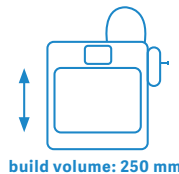
| | |
|------------------|-----------|
| Software package | CraftWare |
| File types | OBJ, STL |

COLOR

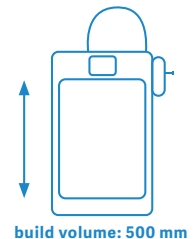
Grey  and white 

PHYSICAL DIMENSION

craftbot
FLOW



craftbot
FLOW*XL*



| | | |
|--------------------------------|--|--|
| Build volume | 300 x 200 x 250 mm - 11.8 x 7.9 x 9.8" | 300 x 200 x 500 mm - 11.8 x 7.9 x 19.7" |
| Frame dimension | 485 x 400 x 540 mm - 19.1 x 15.7 x 21.2" | 485 x 400 x 790 mm - 19.1 x 15.7 x 31.1" |
| Shipping weight (net. weight): | 37 kg (28 kg) | 42,5 kg (35 kg) |
| Shipping box size: | 605 x 510 x 730 mm - 24 x 20 x 28" | 605 x 510 x 985 mm - 24 x 20 x 38" |



For a perfect user experience,
we provide an unique maintenance
– and nozzle kit for our craftbot printers.

GET IN TOUCH!

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