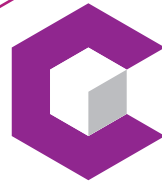**5 YEARS** OR 5000 HOURS WARRANTY

craftbot
FLOW GENERATION

DUAL EXTRUDER: DOUBLE YOUR PERFORMANCE

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

INDEPENDENT DUAL EXTRUDER: Our IDEX printers with their huge print volume and high quality independent dual extruders are able to print two objects in the same time (mirror or parallel mode) as well as PVA printing.

HUGE PRINT VOLUME – the CraftBot Flow Idex XL is THE BIGGEST IDEX PRINTER OF THE WORLD.

**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.

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: Exeptional 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

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SPECIFICATION

PRINTING

Technology	Fused Filament Fabrication (FFF)
Layer resolution	50 micron
Position precision	XYZ accuracy: 12.5x12.5x5 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

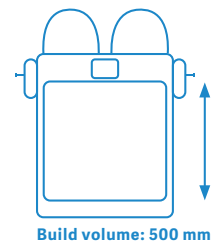|	
Ambient temperature	5 - 40 °C
Storage temperature	0 - 50 °C
Operating nozzle temperature	180 - 300 °C
Operating heated build plate temperature	30 - 110 °C

SOFTWARE

Software package	CraftWare
File types	OBJ, STL

COLOR

Grey ◣ and white ◺

PHYSICAL DIMENSION

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FLOW *IDEX*

Build volume: 250 mm

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FLOW *IDEX XL*

Build volume: 500 mm

	Craftbot FLOW IDEX	Craftbot FLOW IDEX XL
Build voulme	425 x 250 x 250 mm - 16.7 x 9.8 x 9.8"	425 x 250 x 500 mm - 16.7 x 9.8 x 19.7"
Frame dimension	635 x 450 x 540 mm - 25 x 17.7 x 21.2"	635 x 450 x 790 mm - 25 x 17.7 x 31.1"
Shipping weight (net. weight):	45,5 kg (32 kg)	53 kg (38 kg)
Shipping box size:	760 x 560 x 730 mm - 30 x 22 x 28"	760 x 560 x 985 mm - 30 x 22 x 38"

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

GET IN TOUCH!

CraftUnique Ltd.

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