



prom IS 500

HARDWARE | INDUSTRIAL ANISOPRINTING



INDUSTRIAL CFC 3D PRINTER
FOR HIGH TEMPERATURE MATERIALS



INDUSTRIAL GRADE 3D PRINTER

prom IS 500



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and get a quote

Specifications:

PRINT VOLUME (X/Y/Z)	600 mm / 420 mm / 300 mm
TOLERANCE	0,2mm
SOFTWARE	Anisoprint Aura
PRINT HEADS	up to 4
LAYER THICKNESS, MINIMUM	50 µm
FFF NOZZLE DIAMETER	0.4 mm — 1.2 mm
CFC NOZZLE DIAMETER	0.6 mm — 1 mm
REINFORCING FIBER THICKNESS	1k — 0.28 mm, 3k — 0.50 mm
FILAMENT DIAMETER	1.75 mm standard, 2,85 mm optional
PLASTICS	PEI, PAEK (PEEK, PEKK), PSU, PPSU, PESU, etc.
FIBERS	Continuous carbon fiber, HT/LT, 1k and 3k
MAX. EXTRUDER TEMPERATURE	410°C
MAX. CHAMBER TEMPERATURE	200°C
MATERIAL STORAGE CHAMBER TEMPERATURE	90°C
SIZE (LXWXH)	2,7 m / 1,8 m / 2,3 m
POWER	380 VAC, 50/60 Hz, Current 40A

PROM IS 500: ADDITIVE MANUFACTURING OF CONTINUOUS FIBER REINFORCED HIGH TEMPERATURE POLYMERS

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Features:

INDUSTRIAL GRADE HIGH PRECISION CNC	TOOL CHANGER FOR UP TO 4 PRINT HEADS
BELTLESS MECHANICS	MAX PRODUCTIVITY IN CFC MODE: 60CC/H
MATERIAL FLOW AND PRESENCE SENSORS	MADE FOR 24/7 RUN IN A FACTORY ENVIRONMENT
MATERIAL STORAGE WITH TEMPERATURE AND HUMIDITY CONTROL	



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