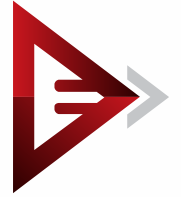


**DELTASYS
EFORMING**

TECHNOLOGY FOR NEXT GEN



Large scale 3Dprinters
Larger than 1 Cubic Meter in size

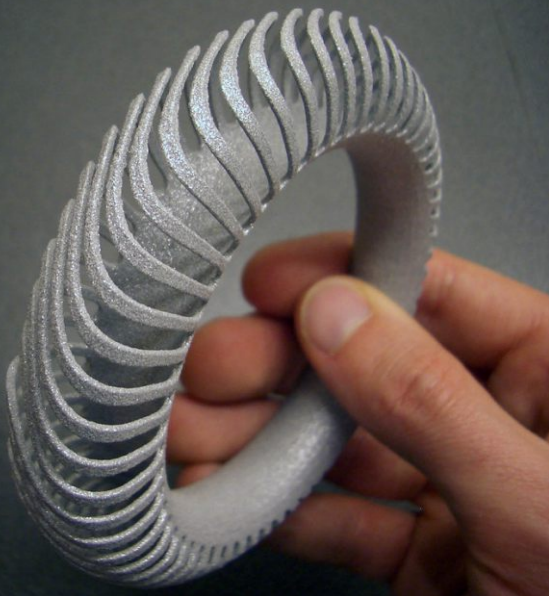
Increase your
productivity **10 times** with

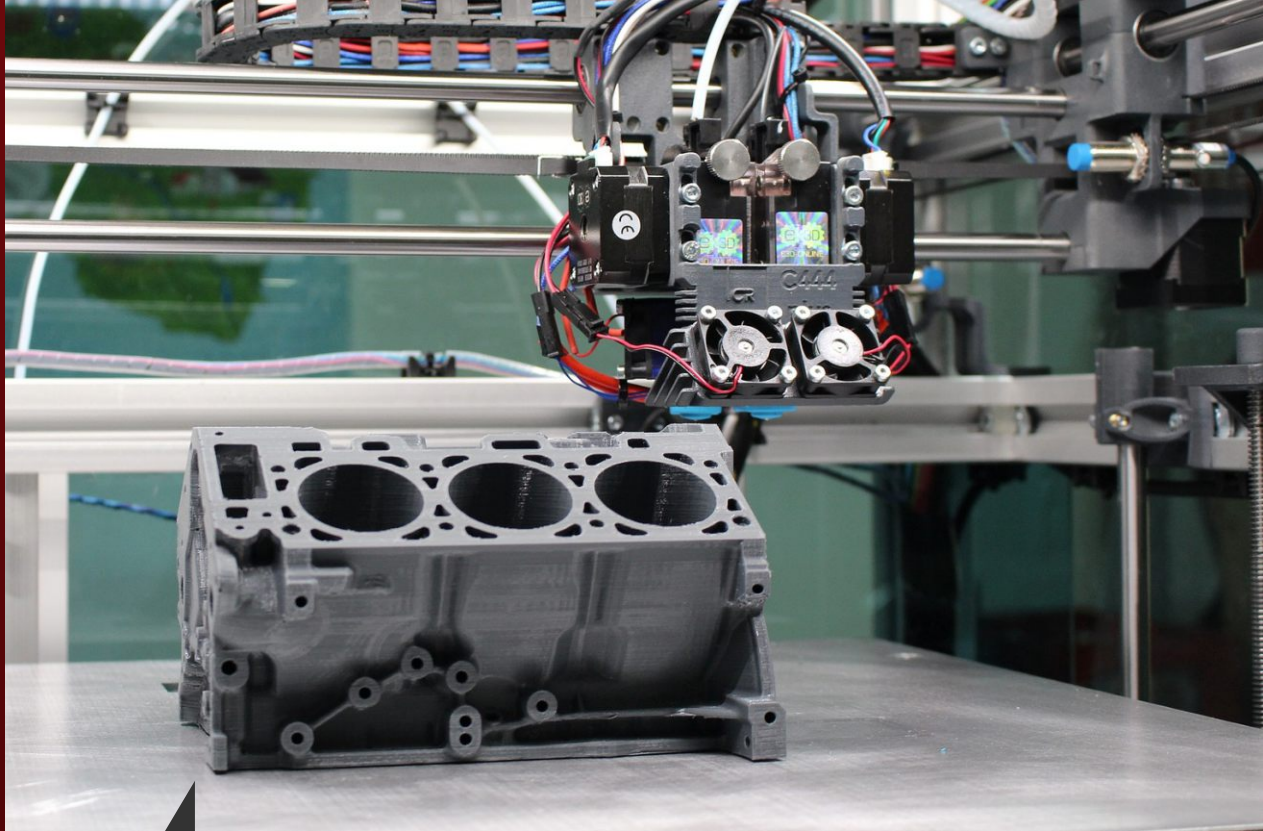
10X

the best 3D Printing
Hardware

CREATE LARGE PARTS UP TO 1 to 2 meters

The ability to use 3d printing to enhance business operations, reduce costs and improve efficiency is exactly why a FDM printer has become a popular solution. If you're looking for a way to produce detailed and big objects our large volume 3D printers are excellent choice. They have a much larger build size than most other industrial 3D printers and can print objects fast at high resolution.





Benefits and features

THE ENCLOSED FRAME

Shielded printing

An insulated enclosed metal frame ensures optimum even temperature control and the glass doors offer an optimal view on the print. Further improving safety is the 10X compatibility with standard ventilation systems for fume and emission control, making it a best practice example for 3D printing in industrial environments.

THE BUILD PLATFORM

Large scale prints

Deltasys eforming makes machines for big parts and the 10X is no exception. With a build envelope of one cubic meter, the machine is made for 3D printing of large scale industrial objects, enabling countless application possibilities.

SUPERIOR HARDWARE

The high-end motion controller, ball screws, and servo motors result in 5 micron positional accuracy and high speed up to 15000mm/min.

ALUMINIUM BED

Set and forget

Reaching temperature up to 120°C, Our fixed aluminum bed promotes a set and forget mentality, requiring leveling during installation.

Available with:

- Tempered borosilicate glass
- Bare Aluminum
- Vacuum table



REMOTE MANAGEMENT

Our 10X provides remote print monitoring with our Ethernet camera. The remote monitoring system is capable of wide viewing progress of your print 24/7.

PURPOSE BUILT PRODUCTION READY

Depend upon customer application we customize our machines in size, material support

- Extruder :** Pellet extruder or Filament extruder
- Motor :** servo or stepper
- Enclosure :** with hot air circulation, just closed or open air
- Build volume :** X-1000mm, Y-1000mm, Z-1000mm and other custom sizes up to 2 cubic meter

OPEN MARKET MATERIALS

DELTASYS EFORMING encourages customers to continue using their own material suppliers or utilize our list of vendors to develop new materials for industry specific applications. Deltasys eforming also supplies material upon request. While keeping a high reputability rate is always paramount, by moving to open market materials we allow our customers to find the perfect balance between cost, material quality and customer service.

OUR MACHINES SUPPORT VARIOUS POLYMERS

- Pellet Extrusion:** TPE, TPU, PLA, PVC, PETG, ABS, ASA, PA-6, PA-6, PA-12, PC, PEKK, Glass or Carbon Fiber
- Filled:** ABS, PA, PPO, PEI, PPSU and PEEK
- Filament Extrusion:** TPE, TPU, PLA, PETG, ABS, ASA, HIPS, PC+PBT, NYLON, PEEK, ULTEM



Applications



Automotive



Naval



Foundry



Medical Equipment



Railway



Aerospace



Appliances



Prototype



Device Specifications

Build Volume	X-1000mm Y-1000mm Z-1000mm
Material Container	Spool
Material Diameter	1.75mm or 3mm
Nozzle Diameter	0.6, 0.8, 1,
Support	soluble
Extruder	DUAL (Upgraded for more demanding material)
Extruder Cooling system	Radial fan cooling the extruder block, one fans cooling the print
Hot End	DE Smooth flow1
Material End stop	Mechanical
Platform	CNC Machined Aluminum build plate
Connectivity	USB(WIFI, ETHERNET optional)
Screen	Touch panel(Industrial screen)
Camera	Optional
External materials	Applicable



Software Specifications

Software Bundle	Simplify3d, 3DE, cura
Supported Input File Types	.stl ,.obj, .3mf
Supported Operating Systems	Mac OSx/ windows7



Printing Specifications

Technology	FDM, FFF
Layer Resolution	0.1 - 0.8mm
Minimal Wall Thickness	1mm
Platform Leveling	Automatic Measurement of Platform Points Height



Temperature Specifications

Maximum Printing Temperature (Extruder)	300°C
Maximum Platform Temperature	100°C
Ambient Operation Temperature	20-30°C
Storage Temperature	0-35°C



Electrical Specifications

AC Input **220Volt AC50/60 Hz**

Maximum Power consumption	2000watt
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Additional Information

All information contained in this brochure and specification is subject to change without notice.



Large scale 3Dprinters

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