



SLS 3D Printer ■

MfgPro230 xS

Selective Laser Sintering technology (SLS) has long been the platform of choice for producing 3D printed part with tough, durable mechanical properties. The MfgPro230 xS brings this capability to every prototyping user at an unprecedented value.

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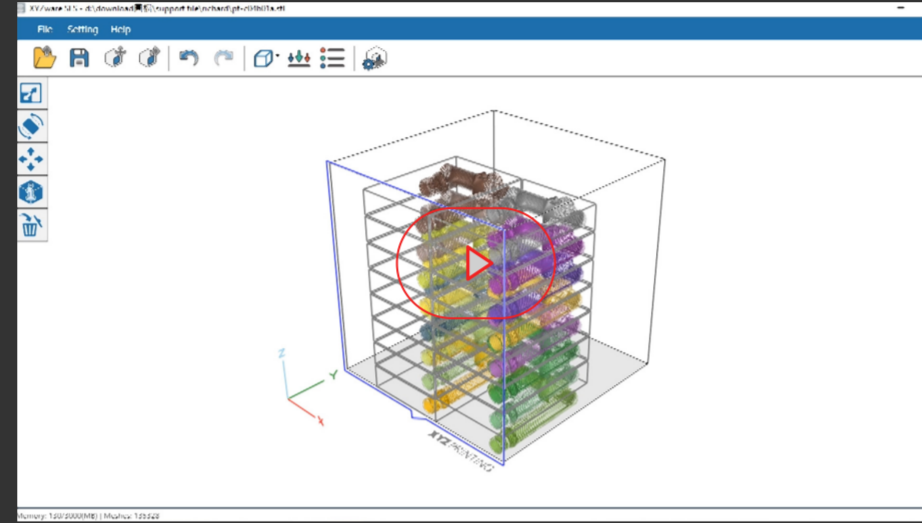
Benefits



Benefits 01 ■

Open Material Platform

The MfgPro230 xS' open material platform makes it the ideal choice for on-demand-manufacturers or research institutions.



Benefits 02 ■

Reduce Production Lead Time

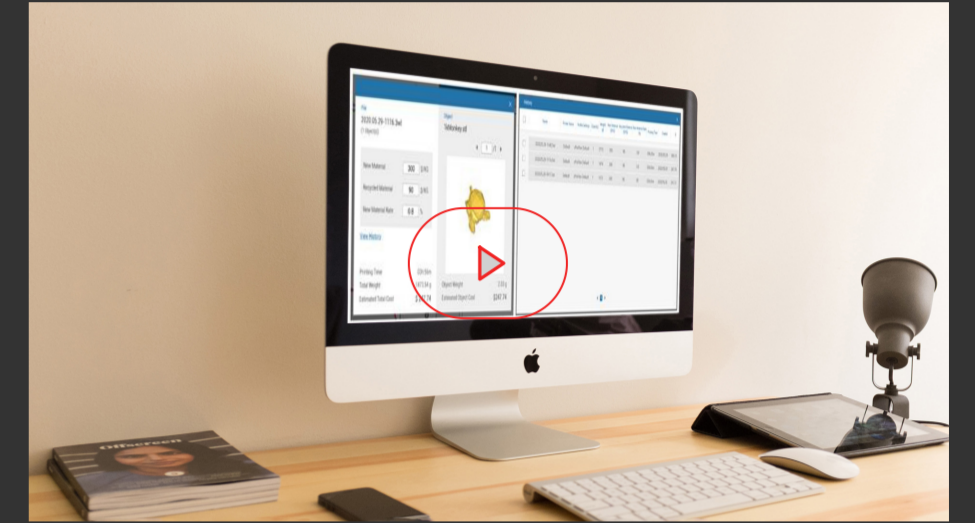
Nesting of SLS powder-based parts allows for maximum efficiency and throughput while maintaining low print costs.



Benefits 03 ■

Removable Build Tray Module For High Productivity

The removable build tray module in the MfgPro230 xS lets users print more efficiently. By removing the build tray, users can clean off their prints while placing a new build tray directly into the machine to start a new print immediately. The removable print tray provides a cleaner solution for powder removal and a more efficient method for printing.



Benefits 04 ■

Intuitive Software

MfgPro230 xS is powered by two advanced software suites, Buildware and XYZprint AM^{SLS}. Buildware allows users to directly operate a model sintering process on the printer; XYZprint AM^{SLS} allows users to remotely plan sintering projects on the printer and check printing files.

Technology



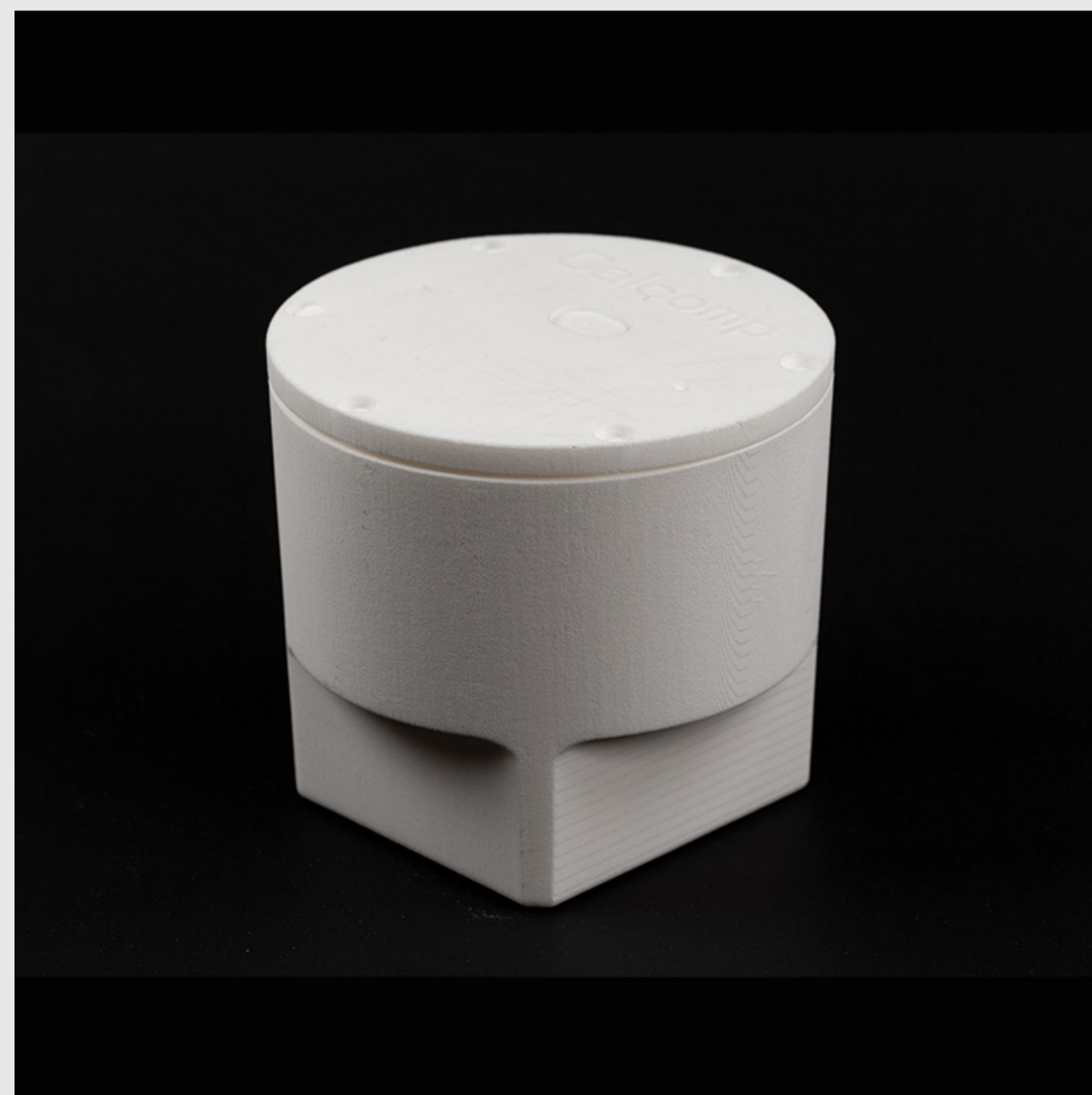
Selective Laser Sintering (SLS)

Selective Laser Sintering technology (SLS) has long been the platform of choice for producing 3D printed part with tough, durable mechanical properties.

The MfgPro230 xS brings this capability to every prototyping user at an unprecedented value.



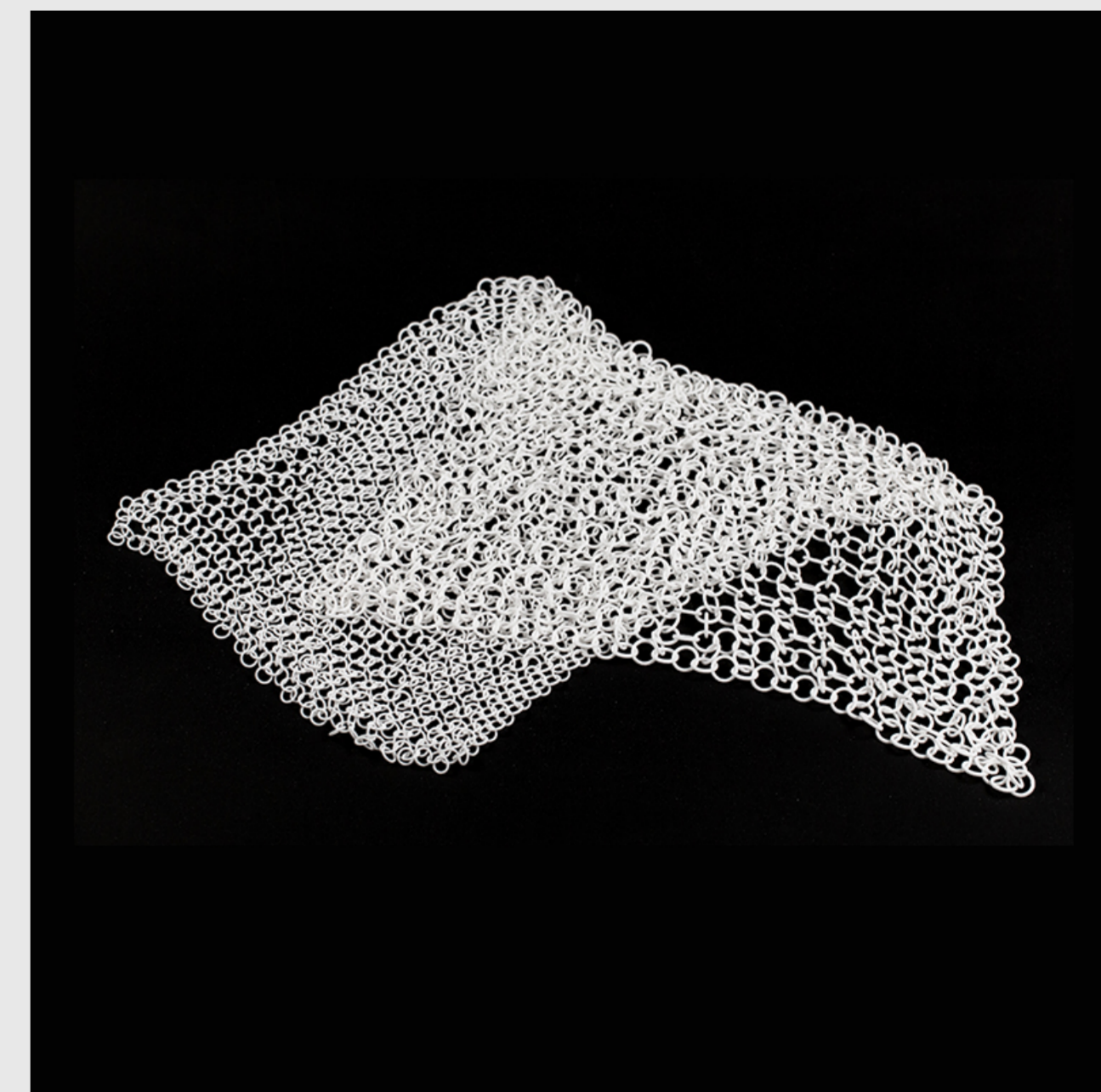
Printed Parts



Smart Parking Sensor



Aquarium Filter



Chain Pattern Knitting



110 x 110 x 100mm

Nylon Powder -sPro12W

131 x 104 x 133 mm

Nylon Powder -sPro12W

410 x 210 x 1 mm

Nylon Powder -sPro12W

Material ▾

Find the Right Material for the Job

XYZprinting offers a versatile range of materials to ensure that you'll always find the right material for making external components or model parts.

[Explore materials ↗](#)





Software

XYZprint AM^{SLS}

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Specifications



Build Volume (W x D x H)

230 x 230 x 230 mm
(9 x 9 x 9 inch)

Layer Thickness

0.08 mm / 0.1 mm / 0.15 mm / 0.2 mm

Build Speed

Up to **20 mm / hour**



Printer Properties

Print Technology

SLS (Selective Laser Sintering)



Layer Thickness	0.08 mm / 0.1 mm / 0.15 mm / 0.2 mm
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Build Speed	Up to 20 mm / hour
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Laser Type	30W CO2
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N2 System	Inner Gas Control System
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Operating Requirements

Power Requirement	220V / 32A. Max 7 KW
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Operation Temperature	16 - 25 °C (60 - 77 °F)
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Operation Humidity	≤ 70 % RH (No Condensation)
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Floor Requirements	220 kg/m2 (according to local building code)
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Dimensions

Product Dimensions (W x D x H)	1,480 x 850 x 2,040 mm (58.3 x 33.5 x 80.3 inch)
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Product Weight	360.0 kg (793.7 lbs)
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Materials

Material Compatibility	sPro12W / sProTPU
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Software

Printing Software	XYZprint AM ^{SLS} / Buildware
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Operating System	Windows 10
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Supported File Formats	.stl / .3mf
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3D Printers

Materials

Software

Learn

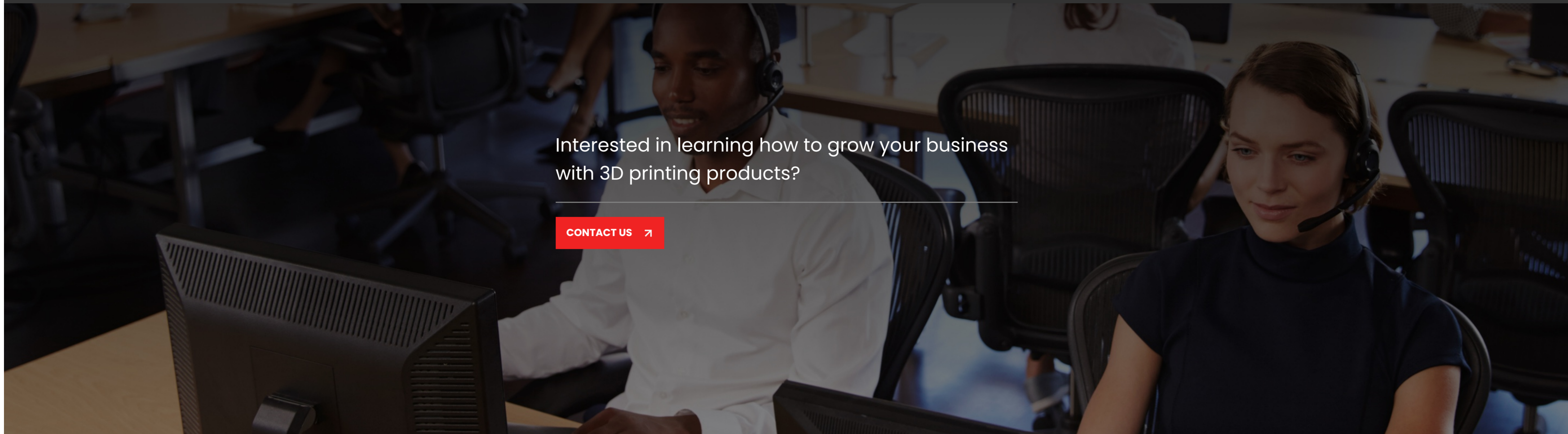
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Powder Based Series

DLP Series

SL Series

FFF series

MATERIALS

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Binder Jetting Powder

DLP Resins

SL Resins

Filaments

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XYZcure

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