



► High Quality ► Advanced Technology ► Max Precision

# 3D Printing Equipment

Elevate your manufacturing and prototyping with the Pontax 3D Printer, designed for professionals seeking cutting-edge technology. Combining SLA, SLM, and SLS printing capabilities, the Pontax offers unrivaled precision, flexibility, and material versatility.



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# 3D Printing Equipment

**PX-SLA SERIES**

(SLA) Stereolithography - 3D printing technique that uses a light source to cure liquid resin into solid plastic. Built for efficiency and high-quality results, the Pontax SLA 3D Printer is the perfect solution with superior performance.



## ► PX-SLA4540

Pontax SLA (Stereolithography) 3D Printing Utilizes UV laser technology to irradiate a liquid photosensitive resin, curing it layer by layer.



### Equipment Characteristics

**PX-SLA 3D Printers** offer high print accuracy and surface quality, allowing very fine models to be printed.

### PRODUCT SPECIFICATIONS

Product Model	:	<b>PX-SLA4540</b>
Printing Size	:	450mm*450mm*400mm
Molding Technology	:	SLA (Stereolithography)
Weight	:	500 KG
Key Selling Points	:	High Productivity
Brand Name	:	3D SHAPING
Dimension(L*W*H)	:	1.10M*1.10M*1.80M
Voltage	:	200-240V
Warranty	:	1 year from installation date
Warranty Of Core Components	:	1 year from installation date
Core Components	:	Laser
Printer Material	:	Resin
Transport Package	:	Plywood Case
Laser Type	:	Diode-pumped solid-state laser Nd YVO4 INNGO
Special Build Layer Thickness	:	Special build layer thickness 0.05-0.15mm
Scanning Speed	:	6~10m/s
Single Package Size	:	50*150*250 cm
Single Gross Weight	:	600.000 kg
Applicable Industries	:	Building Material Shops, Manufacturing Plant, Printing Shops, Construction Works, Advertising Company

## ► PX-SLA6040

Pontax SLA (Stereolithography) 3D Printing Utilizes UV laser technology to irradiate a liquid photosensitive resin, curing it layer by layer.



### Equipment Characteristics

**PX-SLA 3D Printers** offer high print accuracy and surface quality, allowing very fine models to be printed.

### PRODUCT SPECIFICATIONS

Product Model	:	<b>PX-SLA6040</b>
Printing Size	:	600mm*600mm*400mm
Molding Technology	:	SLA (Stereolithography)
Weight	:	600 KG
Key Selling Points	:	High Productivity
Brand Name	:	3D SHAPING
Dimension(L*W*H)	:	1.20M*1.20M*1.90M
Voltage	:	200-240V
Warranty	:	1 year from installation date
Warranty Of Core Components	:	1 year from installation date
Core Components	:	Laser
Printer Material	:	Resin
Transport Package	:	Plywood Case
Laser Type	:	Diode-pumped solid-state laser Nd:YVO4 INNGO
Special Build Layer Thickness	:	Special build layer thickness 0.05-0.15mm
Scanning Speed	:	6~10m/s
Single Package Size	:	150*150*250 cm
Single Gross Weight	:	700.000 kg
Applicable Industries	:	Building Material Shops, Manufacturing Plant, Printing Shops, Construction Works, Advertising Company



## ► PX-SLA8040



Pontax SLA (Stereolithography) 3D Printing Utilizes UV laser technology to irradiate a liquid photosensitive resin, curing it layer by layer.



### Equipment Characteristics

PX-SLA 3D Printers offer high print accuracy and surface quality, allowing very fine models to be printed.

### PRODUCT SPECIFICATIONS

Product Model	:	PX-SLA8040
Printing Size	:	800mm*800mm*400mm
Molding Technology	:	SLA (Stereolithography)
Weight	:	1000 KG
Key Selling Points	:	High Productivity
Brand Name	:	3D SHAPING
Dimension(L*W*H)	:	1.50M(W)*1.40M(D)*1.90M(H)
Voltage	:	200-240V
Warranty	:	1 year from installation date
Warranty Of Core Components	:	1 year from installation date
Core Components	:	Laser
Printer Material	:	Resin
Transport Package	:	Plywood Case
Laser Type	:	Diode-pumped solid-state laser Nd:YVO4 INNGO
Special Build Layer Thickness	:	Special build layer thickness 0.05-0.15mm
Scanning Speed	:	6~10m/s
Single Package Size	:	170*170*250 cm
Single Gross Weight	:	1200.000 kg
Applicable Industries	:	Building Material Shops, Manufacturing Plant, Printing Shops, Construction Works, Advertising Company



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# 3D Printing Equipment

**PX-SLM SERIES**

Pontax SLM (Selective laser melting) 3D printer. Designed for precision and strength, this metal additive manufacturing solution delivers high-quality, complex parts with exceptional detail and durability.



## ► PX-SLM1410

SLM (Selective laser melting) technology allows the production of complex metal parts with nearly 100% density and mechanical properties similar to forging.



### High Density Manufacturing of Metal Parts

### Low Power Melting Metal

It is also possible to melt high melting point metals at low power, making it possible to manufacture parts from single component metal powders.

### PRODUCT SPECIFICATIONS

Product Model	:	<b>PX-SLM1410</b>
Printing size	:	140mm(L)*100mm(H), circular
Dimensional accuracy	:	±0.05mm
Maximum single power addition	:	2.5 L
Weight	:	Approx.450kg
Laser power	:	500W
Number of lasers	:	Single laser
Power supply type	:	single phase 220V
Machine size	:	1050mm*870mm*1750mm
Galvanometer scanning speed	:	0 ~ 10m/s
Powder layer thickness	:	0.02-0.05mm
Average power consumption	:	1.5 KW
Powder laying method	:	Up pollination, one-way laying
Spot size	:	20-50um
Beam jump speed	:	Recommended 10.0m/s
Printable Material	:	Cobalt-chromium alloys, titanium alloys, pure titanium, other metal material
Main machine warranty	:	One (1) years from installation date

## ► PX-SLM1422

SLM (Selective laser melting) technology allows the production of complex metal parts with nearly 100% density and mechanical properties similar to forging.



### High Density Manufacturing of Metal Parts

### Low Power Melting Metal

It is also possible to melt high melting point metals at low power, making it possible to manufacture parts from single component metal powders.

### PRODUCT SPECIFICATIONS

Product Model	:	PX-SLM1422
Printing size	:	140mm(L)*220mm(W)*100mm(H)/200mm(H)
Dimensional accuracy	:	±0.05mm
Maximum single powder addition	:	2.5L
Weight	:	Approx.500kg
Dual laser power	:	2*500W
Number of lasers	:	Double laser
Machine size	:	1150mm*750mm*1800mm
Galvanometer scanning speed	:	0 ~ 10m/s
Powder layer thickness	:	0.02-0.15mm
Average power consumption	:	2.5 KW
Powder laying method	:	Up-pollination, bidirectional laying
Laser Spot	:	50-80um
Power supply type	:	Single phase 220V
Beam jump speed	:	Recommended 10.0m/s
Printable Material	:	Cobalt-chromium alloys, titanium alloys, pure titanium and other metal materials
Main machine warranty	:	One (1) years from installation date





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# 3D Printing Equipment

**PX-SLS SERIES**

Pontax SLS (Selective laser sintering) 3D printer. Perfect for rapid prototyping, production, and complex designs, the Pontax SLS printer delivers exceptional performance for industries like automotive, aerospace, and engineering.

## ► PX-SLS2030

SLS (Selective Laser Sintering) technology uses a laser to sinter powdered materials for layer-by-layer molding.



### Product Characteristic

A variety of materials, like nylon and metal, can create stronger, more durable parts, but it is costly with high operating expenses.



### PRODUCT SPECIFICATIONS

Product Model	:	PX-SLS2030
Printing material	:	PA11,12,TPU,PA+GF
Molding Technology	:	SLS (Selective Laser Sintering)
Printing size	:	200*200*300mm
Operating screen	:	64 bit window 10
Layer thickness	:	0.1-0.3mm
Power requirement	:	220V/50HZ
Features	:	Heated Bed, Powder Bed Fusion
Warranty	:	1 Year
Warranty of core components	:	1 Year
Weight	:	500 KG
Key Selling Points	:	High-accuracy
Dimension(L*W*H)	:	1000*800*1700mm
Voltage	:	220V
Color & Page	:	Single color
Single package size	:	1200*1000*2000mm
Single gross weight	:	600.000 kg
Applicable Industries	:	Building Material Shops, Manufacturing Plant, Machinery Repair Shops, Retail, Printing Shops, Construction works , Energy & Mining, Etc.



## ► PX-SLS3542

SLS (Selective Laser Sintering) technology uses a laser to sinter powdered materials for layer-by-layer molding.



### Product Characteristic

A variety of materials, like nylon and metal, can create stronger, more durable parts, but it is costly with high operating expenses.



### PRODUCT SPECIFICATIONS

Product Model	:	PX-SLS3542
Printing material	:	PA11,12,TPU,PA+GF
Molding Technology	:	SLS (Selective Laser Sintering)
Printing size	:	350*350*4250mm
Operating screen	:	64 bit window 10
Layer thickness	:	0.1-0.3mm
Power requirement	:	220V/50HZ
Features	:	Heated Bed, Powder Bed Fusion
Warranty	:	1 Year
Warranty of core components	:	1 Year
Weight	:	750 KG
Key Selling Points	:	High-accuracy
Dimension(L*W*H)	:	1650*980*1900mm
Voltage	:	220V
Color & Page	:	single color
Single package size	:	2000*1300*2300mm
Single gross weight	:	1000.000 kg
Applicable Industries	:	Building Material Shops, Manufacturing Plant, Machinery Repair Shops, Retail, Printing Shops, Construction works , Energy & Mining, etc.



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