

金属3D打印技术引领者

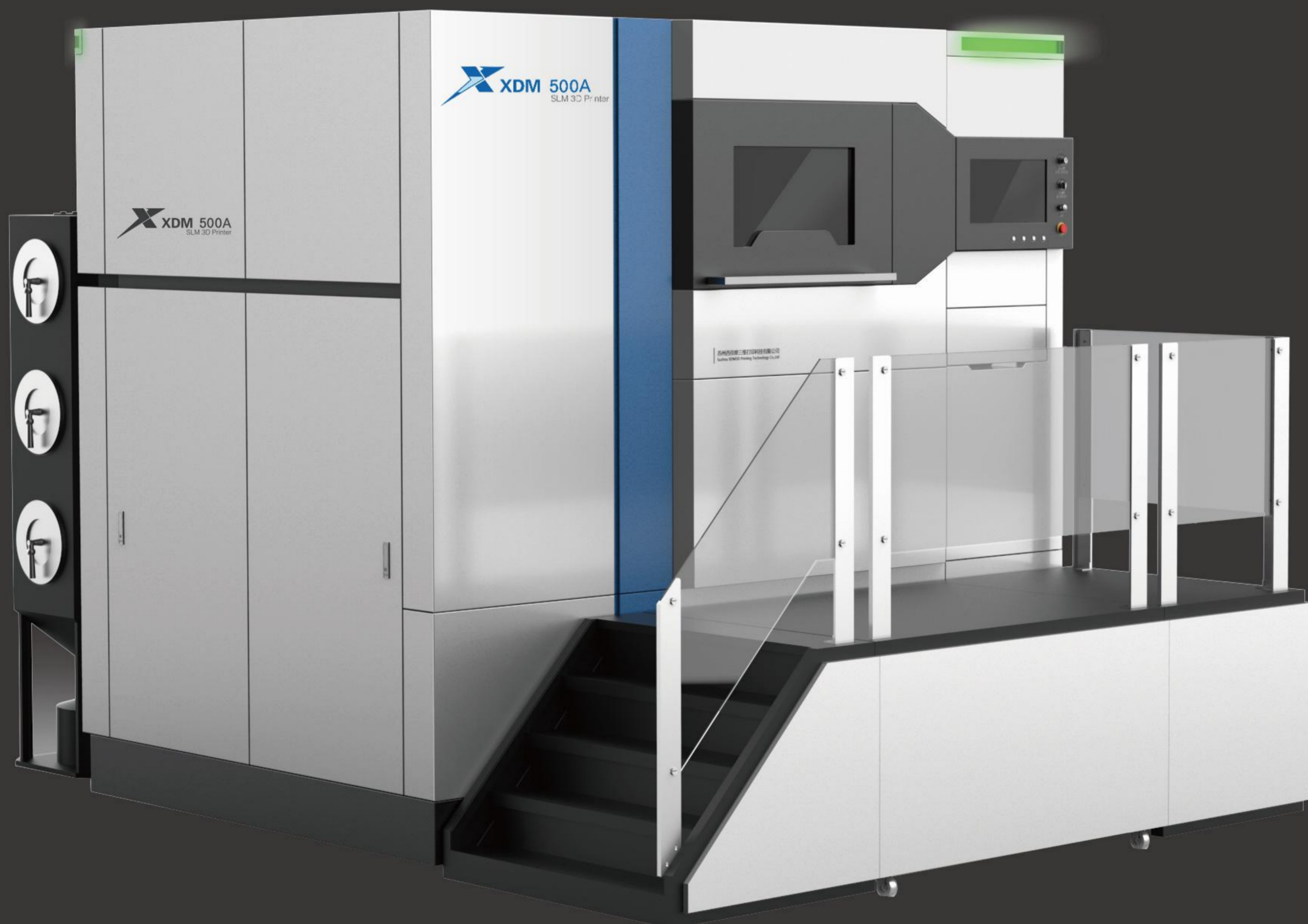
A leading supplier of metal 3D printing technology



四激光大幅面高效激光选区熔化设备

Quad-laser large-field efficient powder bed laser melting printer

XDM 500



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西帝摩官网

成形尺寸 (长 x 宽 x 高) Building Volume (W x D x H)	500mm x 500mm x 500mm
激光系统 Laser System	IPG光纤激光器, 四激光 (4 x 500W) Yb Fibre Laser (IPG), Quad (4 x 500 W)
光斑质量 Beam Quality	$M^2 < 1.1$
光路结构 Optic System	F-Theta镜, 高速高精度扫描头 F-theta lens, high-speed and high-precision scanners
最大扫描速度 Max. Scan Speed	32 m/s
最小铺粉层厚 Min. Layer Thickness	20 μm
惰性气体供应 Inert Gas Supply	氮气发生器内置, 氩气外接 Integrated nitrogen generator, external argon supply
压缩空气要求 Compressed Air Supply	0.6-0.8 MPa
电源要求 Power Supply	AC 380V/50Hz, 32 kVA
主机尺寸 (长 x 宽 x 高) Dimensions (W x D x H)	3400mm x 3700mm x 3100mm
重量 Weight	约8吨 approx. 8000 kg
软件系统 Software	XDM IntelliProc®, XDM IntelliMake®
成形材料* Materials	模具钢、高强钢、不锈钢、高温镍基合金、钛合金、钴铬合金、铜合金、铝合金 Tool steel, High-strength steel, Stainless steel, High-temperature alloys, Titanium alloy, Cobalt-chromium alloy, Copper alloy, Aluminum alloy

※ 欲知材料详情请咨询销售 Please consult with sales for available materials and datasheet



先进技术 Leading technology

- 更大成形空间, 更少设计束缚
Large working envelope, increased production capability
- 流场仿真气道优化, 加工质量更稳定
Optimised airflow, stable production quality
- 软件系统自主研发, 工艺参数全面开放
Smart control software, process parameters fully open and editable
- 支持自定义扫描路径, 实验更自由
Customisable scan path, forming process easy to modify and optimise
- 智能监控与记录, 自动加工更放心
Intelligent process monitoring, automated production with full record
- 外置供收粉口, 生产不间断
External ports for powder addition and removal, continuous production
- 多激光扫描系统, 成形效率新高度
Multi-laser scanning system, production efficiency to new heights
- 高端核心零部件, 设备更可靠
High quality modules, reliable system

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