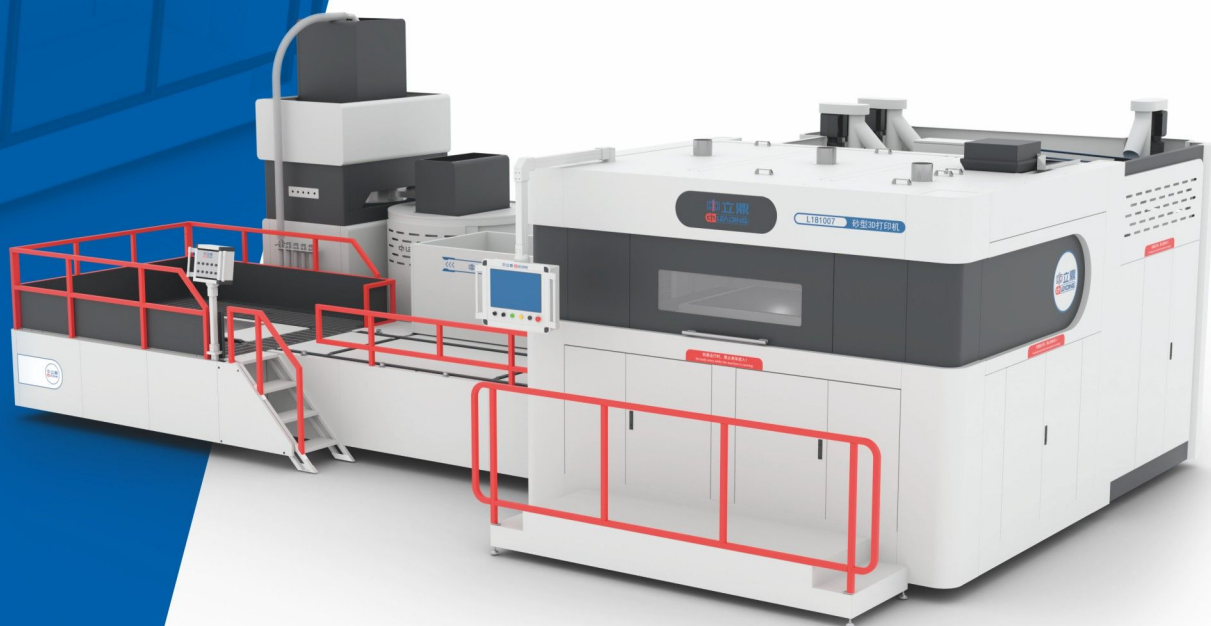




砂型3D打印生产线 SAND 3D PRINTER



中立鼎增材技术（广东）有限公司
CH LEADING ADDITIVE MANUFACTURING(GUANGDONG)CO.,LTD



中立鼎增材技术（广东）有限公司是一家专注于 3D 打印装备研发、制造、销售和服務的高新技术企业，由 3D 打印技术和数字化智能装备经验丰富的专家团队发起创立的，创始团队在 3DP 技术行业深耕多年，在砂型 3D 打印和陶瓷 3D 打印产业化领域掌握了核心技术，积累了非常丰富的实战经验，自主创新，具有完全知识产权，技术成果在全国靠前。

CH Leading Additive Manufacturing (Guangdong) Co.,Ltd. (CH Leading) is a high-tech enterprise specializing in the research and development, manufacturing, sales, and service of 3D printing equipment. It was founded by an experienced expert team in 3D printing technology and digital intelligent equipment. The founding team has been deeply involved in the binder jetting(BJ) technology industry for many years, and has mastered core technologies in the industrialization of sand mold BJ and ceramic BJ. They have accumulated rich practical experience, independent innovation, complete intellectual property rights, with technological achievements among the top in China.



经营范围

SCOPE OF BUSINESS

3D 打印技术解决方案及装备研发制造

3D printing technology solutions and equipment R&D and manufacturing

数字化智能化制造技术产业化应用研发

Application R&D for digital intelligent manufacturing technology industrialization

企业愿景

CORPORATE VISION

让复杂的产品简单化柔性化

Make the birth of complex products more simple and flexible

企业使命

CORPORATE MISSION

为客户提供技术领先的解决方案和产品，提供更好的服务和更低的成本

Provide state-of-the-art solution and products with better service and lower cost to customers

QUALIFICATIONS AND HONORS

资质荣誉

15 Pcs

发明专利

Patent of invention

13 Pcs

实用新型

Utility model patents

8 Pcs

商标

Brand&Trademark





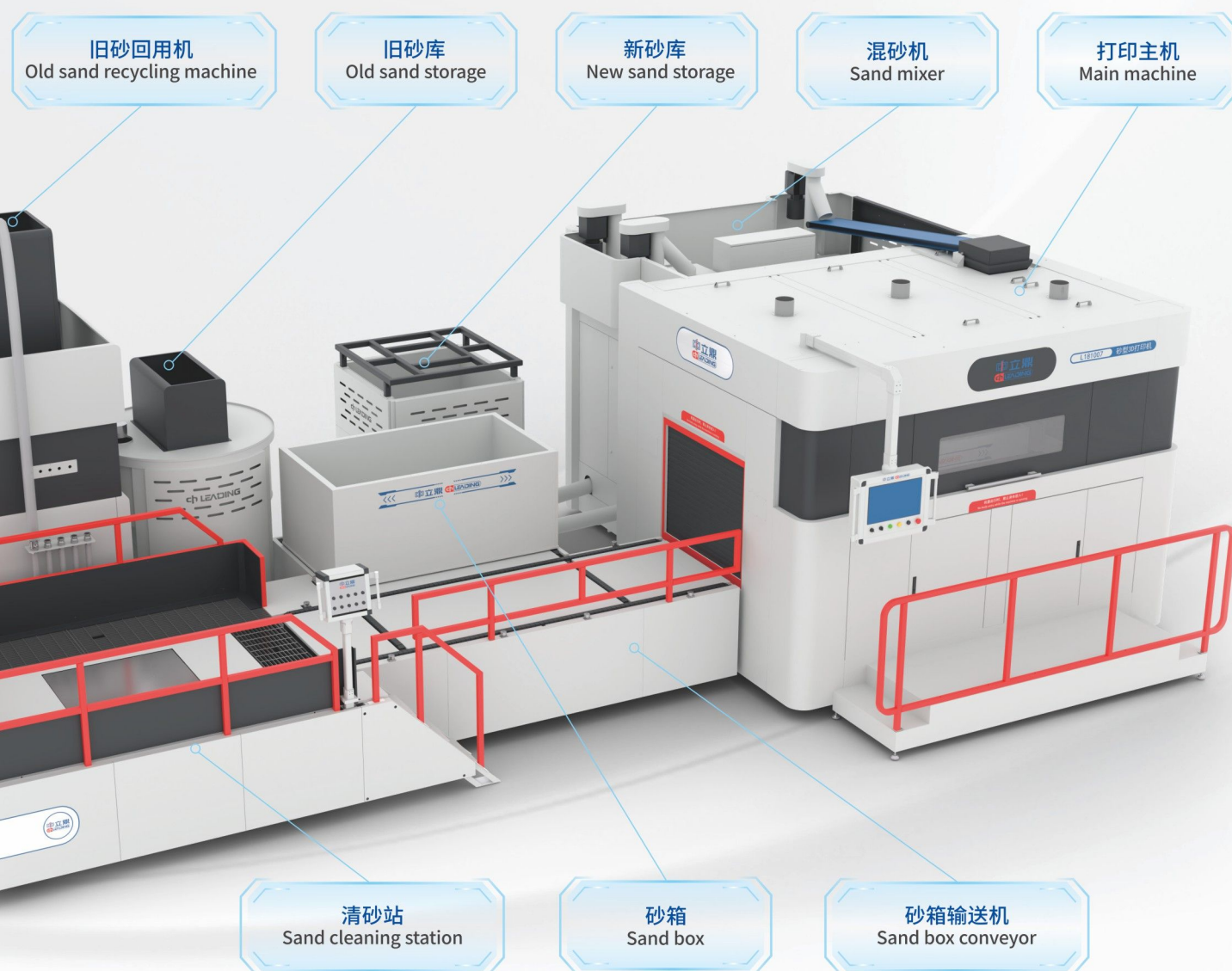
单机版 Individual Machine

砂型3D打印生产线

SAND 3D PRINTER

- ✓ 技术指标领先
Leading technical parameters
- ✓ 配置设计更齐全
Comprehensive configuration
- ✓ 自动化生产线设计
Can easily constitute auto production line





单机版砂型3D打印生产线包括：

打印主机、混砂机、新砂库、旧砂库、砂箱、砂箱输送机、清砂站、旧砂回用机，设备配置更高。

One individual sand mold 3D printer includes:

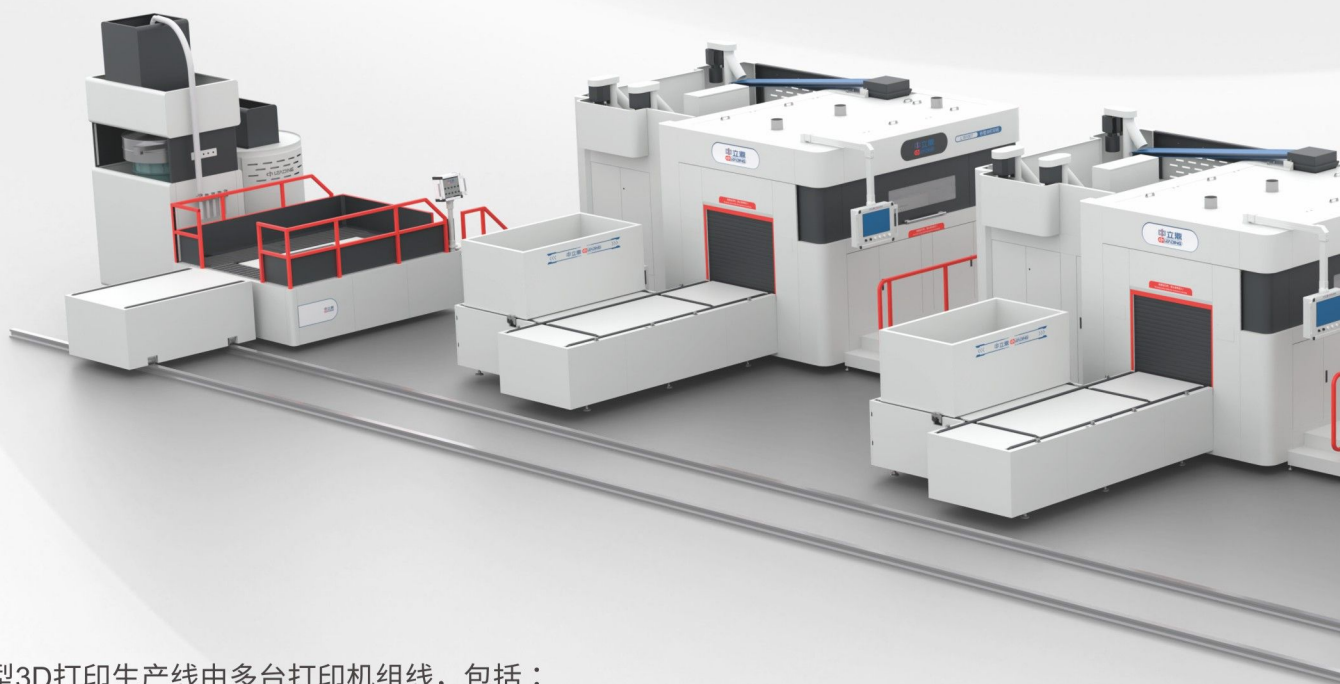
Main machine, sand mixer, new sand storage, old sand storage, sand box, sand box conveyor, sand cleaning station, and old sand recycling machine, with higher equipment configuration.



产线版 Automatic Production Line

砂型3D打印生产线

SAND 3D PRINTER



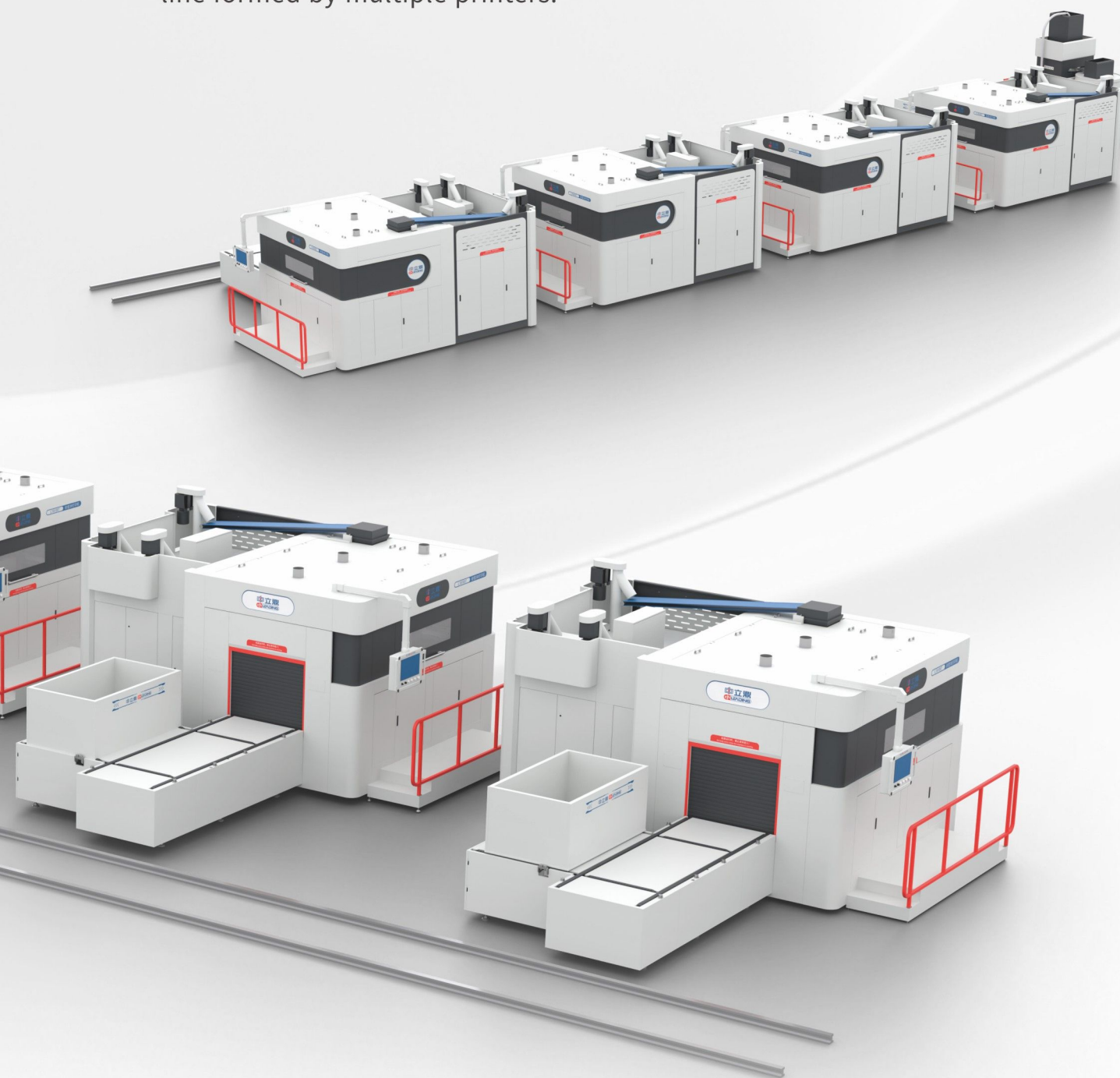
产线版砂型3D打印生产线由多台打印机组线，包括：

打印主机、混砂机、集中供砂系统、砂箱、砂箱输送系统（RGV或AGV）、清砂站、二次清砂房、旧砂回用系统、旧砂再生系统、涂料机、表干烘烤炉、立体库等。

Automatic production line for sand mold 3D printers is composed of multiple printers, including: Main machine, sand mixer, centralized sand supply system, sand box, sand box conveying system (RGV or AGV), sand cleaning station, secondary sand cleaning room, old sand recycling system, old sand reclamation system, coating machine, surface drying furnace, three-dimensional warehouse, etc.

✓ 多台打印机组成3D打印生产线，实现批量生产。

Serial production can be achieved via automatic production line formed by multiple printers.



砂型3D打印机技术参数表

LIST OF TECHNICAL PARAMETERS OF SAND 3D PRINTER

型 号 Model	L121207		L181007		L251510	
版 本 Version	高速版 Standard version	Plus	高速版 Standard version	Plus	高速版 Standard version	Plus
成型尺寸 (mm) Forming Size	1250×1200×700		1800×1000×700		2500×1500×1000	
打印速度(秒/层) Printing Speed(S/Layer)	15	13	19	15	19	13
打印效率 (L/H) Printing Efficiency	108-180	124-208	102-170	129-216	213-355	312-519
满箱打印时间(H) Full Box Printing Time	5.8-9.7	5-8.4	7.4-12.3	5.8-9.7	10.5-17.5	7.2-12
砂型精度(mm) Sand Mold Dimensional Accuracy	±0.3				±0.4	
打印分辨率(dpi) Printing Resolution Dpi	400×300 或 400×400 或 400×600 或 400×800 （可调adjustable）					
打印层厚(mm) Printing Layer Thickness	0.2-0.6 （可调adjustable）					
打印材料 Molding Materials	硅砂（石英砂）、陶瓷砂、宝珠砂、CB砂 silica sand, ceramic sand, calcined sand, CB sand					
粘结剂 Binder	无氮呋喃、无机粘结剂 Nitrogen-free Furan, Inorganic Binders					
设备尺寸 Device Dimensions	8300(L)×6300(W)×3700mm(H)		9920(L)×6000(W)×3700mm(H)		12500(L)×6820(W)×3900mm(H)	

说明 Remark:
其他型号规格可以接受定制
Other models and specifications can be customized

CUSTOMER CASES

客户案例



汶上海纬



中国航发



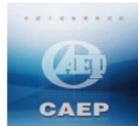
中国兵器



超达装备



搏帆涡轮



中国工程物理研究院



中国中车



奉航科技



SOLID



坤钰金属



荆龙航天



诺博特机器人



SIU







让复杂的产品简单化柔性化

MAKE THE BIRTH OF COMPLEX PRODUCTS MORE
SIMPLE AND FLEXIBLE



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