EP-S600

By adopting Polymer Powder Bed Fusion (PPBF), with max up to 420 x 380 x 600 mm^3 building cylinder, EP-S600 ensures you the capability of high printing efficiency, fast scanning speed, large molding space, and low cost of use, fully meets the personalized needs of the rehabilitation & medical industry, which can be directly applied to personalized customization and production.

« High Performance & Efficiency

· With building cylinder 420 x 380 x 600 mm^3, the machine can print almost all sizes of orthotics;
· Average printing time of a single orthotic is within 11 hours, one machine can manufacture 400-450 orthotics per year;
· Advanced and high-speed optical system perfectly matches the 55W CO_2 laser, with the scanning speed reaches 7.8 m/s;
· High material reuse rate and little generated waste, saves the printing materials in an effective way.

« Intelligent Operation & User-friendly

· Visualized printing process and printing report automatic generation, the printing process can be tracked;
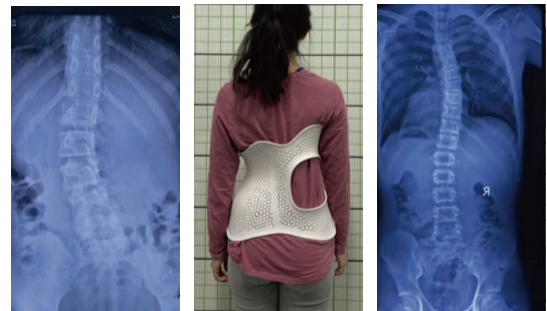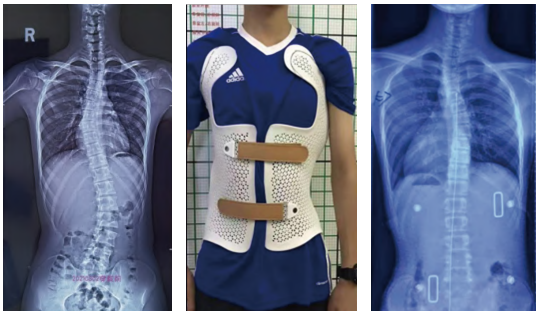· Capability to print with one-click, convenient operation can be controlled remotely on the phone.

« Safe & Reliable

· Dust-free process, whole process of picking up and powder processing is carried out in the powder cleaning platform;
· Gas in the cabin is treated by multi-stage filtration and adsorption to achieve harmless discharge.

Application

Positive Effect

EP-S600
PARAMETER

Machine Model	EP-S600
Building Volume	420 x 380 x 600 mm^3
Dimension	2480 x 1415 x 2160 mm^3
Material	PP and it's composites
Machine Weight	1600 kg
Scanning Speed	Max. 7.8 m/s
Max. Chamber Temperature	130 °C
Power Supply	220 V, 1/N/PE, 50/60 Hz
Layer Thickness	0.1 - 0.30 mm
Laser Power	55 W, CO_2 laser，120 W
OS System Support	Windows 7/ Windows 10
Thermal Field Control	Independent four-zone temperature control system
Temperature Regulation	Continuous real-time building surface temperature monitoring
Control Software	Eplus3D Printing Software
Output Data Format	STL .OBJ .STEP or other convertible file

Notice：Eplus3D reserves the right to explain any alteration of the specifications and pictures.