



SFP-E7 unpacking station for laser-sintered plastic parts

The SFP-E7 unpacking station can be used to unpack build boxes from the EOS P7.

The unpacking takes place by automatic raising of the build plate. The powder material is collected in the surrounding hoppers and is conveyed to the integrated ultrasonic screen. The parts in the build boxes are removed manually.

The uniquely-designed lifting mechanism ensures smooth raising of the build plate, regardless of its load and position.

The SFP-E7 unit can be equipped with a multi-part protective cover.

Basic features:

- three surrounding collection hoppers with 140 l of storage volume
- integrated tool tray
- electromechanical lifting device
- working tray made of stainless steel
- explosion protected lighting
- layout free from ignition source
- prepared for EOS P7 build boxes

Additional features

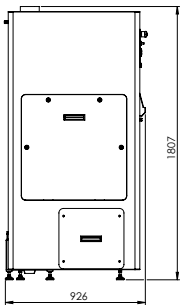
- multi-part protective cover with glass window
- integrated ultrasonic screening system
- powerful extraction system
- pneumatic material conveying system

Advantages

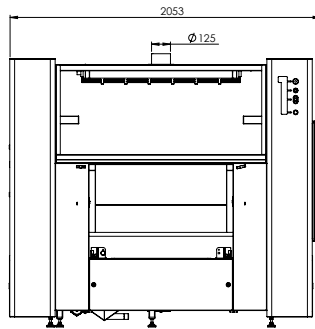
- compact layout
- large storage volume
- easy operation



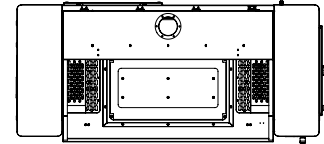
↑ Unpacking station with multi-part protective cover



↑ Side view



↑ Front view



↑ Top view

System specifications	Dimensions	Unit
Installation space (W x D x H)	3,500 x 2,000 x 2,500	mm ³
Weight	500	kg
Power specifications	Dimensions	Unit
Mains voltage / frequency	3 PH / 400 / 50	V/Hz
Power consumption	0.4	kW
Power supply	16	A

Due to smart arrangement of all components, the unpacking station is compact, ergonomic and maintenance friendly. Smooth and economical workflow reduces part cleaning time.