

S3 – Fully automatic and effective post processing of large, complex components



Features & benefits

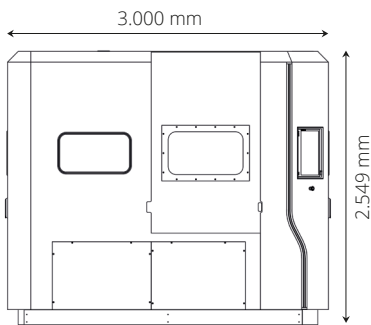
- Plug-and-play system with integrated controls and air & water treatment
- Recycling of the process water
- Small footprint
- "L" shaped door allows work piece loading by crane

Technical highlights

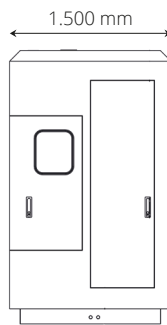
The compact S3 plug-and-play system was specially developed for wet blasting applications. Robot-guided blast nozzle movement allows the targeted, gentle processing of large and complex work pieces made from metal and

plastic materials. Continuous, fully automatic monitoring of all process parameters guarantees absolutely repeatable results for the removal of support structures and residual powder as well as surface homogenization.

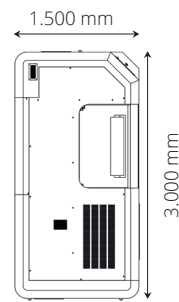
Equipment layout



Front view



side view



top view

Equipment specifications

Technical data

Turntable speed: 0 - 100 RPM

Blast nozzles: 1 or 2 nozzles with \varnothing 6 - 16 mm

Blast pressure: 1 - 6 bar

Positioning tolerance of robot arm: < 0.25 mm

Repeatability tolerance of robot arm movement: < 0.08 mm

Ambient temperature: +5 to + 40 °C

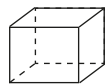
Electrical connection

Supply voltage standard: 400 V, 50 Hz, 3 Ph N/PE

Control voltage: 24 V DC

Pneumatic supply: 7 bar, 320 Nm³/h

Possible work piece dimensions (mm; L x W x H)



Minimum size: 30 x 30 x 30
Maximum size: 600 x 600 x 600

