

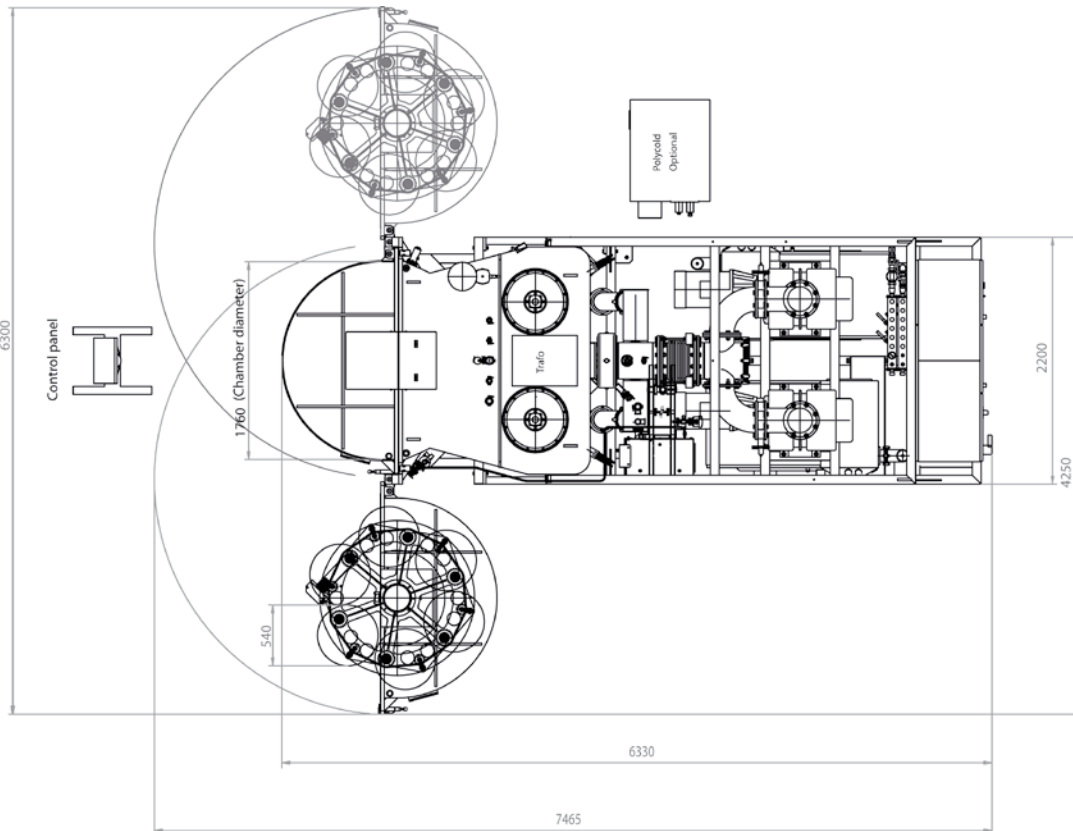
More flexibility for the coating results of complex parts

While coating even the most complex plastic, metal, glass, and ceramic parts with ease, AluMet 1800V meets the highest requirements concerning quality and flexibility.

Six planetary rods with a diameter of 540 mm and an usable length of 1500 mm offers a maximum coating area of 15 sqm per batch



3D-COATING



LEYBOLD OPTICS

Technical Features **AluMet 1800V**

Fully automated production with AluMet 1800V

Whichever process you need to carry out, AluMet 1800V gives you competitive advantages. A fully automated production process controlled by a state-of-the-art IPC system guarantees for high throughput and perfect results. The AluMet 1800 V systems are built in a ,clamshell' design. Each of their two double doors is equipped with a set of planetary rods. While the process is running (one door closed), the substrate on the other door can be changed easily.

Technical Features

Coating Technology	thermal evaporation of metal layer, DC or MF (40 kHz) PECVD (Plasma-Enhanced-Chemical- Vapour- Deposition) process
Substrate holder dimension	A 1800V / 1500
Useable length	1500 mm / 59"
Diameter (effective)	540 mm / 21"
No of planetary rods per door	6 pcs
Effective load per rod, max.	35 kg
Productivity (approx.)	15- 30 min depending on substrate material, substrate geometry and environmental conditions
Evaporator	
Number of filaments	18
Electrical power (approx.)	
Max. connected load	134 kVA

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