

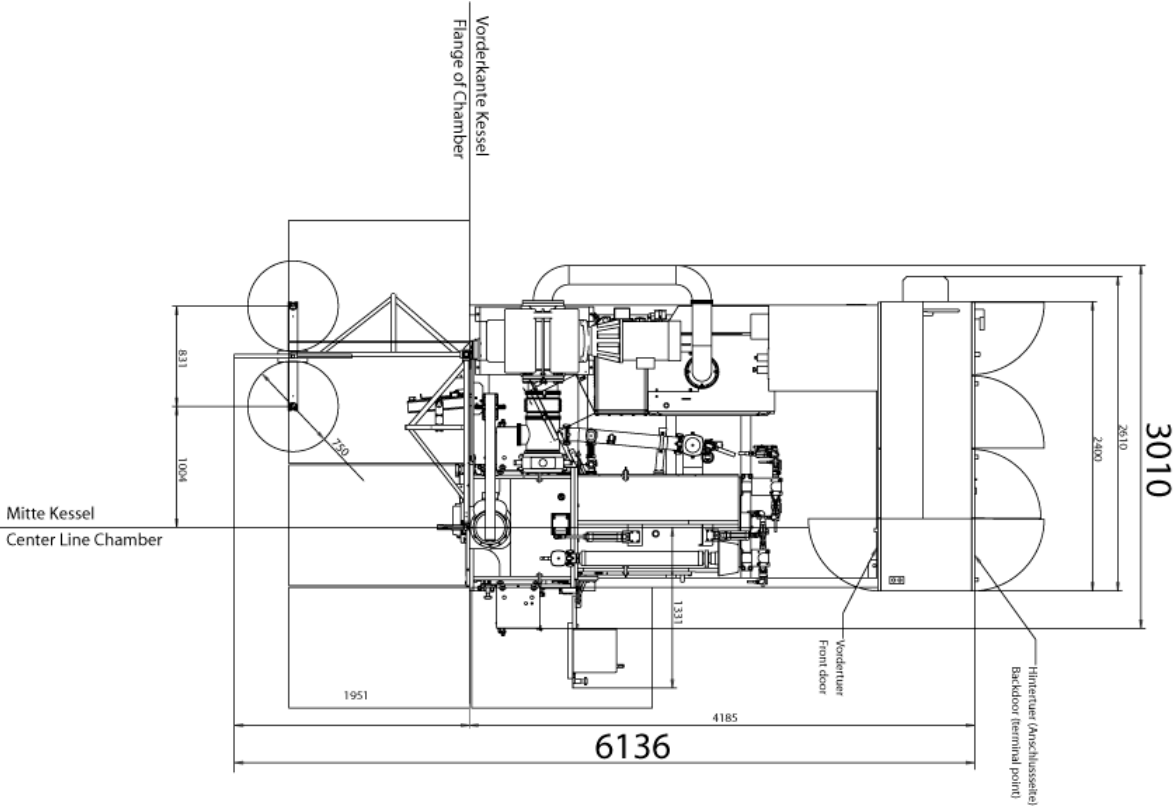
High throughput with excellent coating results

Meeting the requirements of 'just in time' manufacturing by combining high throughput with excellent coating results, PylonMet VXL is especially of interest for industries with high throughput requirements. This batch type sputtering system can even handle the metallization of large substrates. Moreover, PylonMet VXL is capable of covering various plasma processes. The single frame mounting of the entire system gives quick turnaround time for the installation at customers site.

3D-COATING

PylonMet VXL

Technical Features



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Technical Features

Pylon dimensions

Useable length	1270 mm / 50"
Diameter (effective)	750 mm / 29,5"
Max. coated area	approx. 3 sqm / 32 sq ft
Max. load / pylon	40 – 50 kg / 88 – 110 lb.

Coating technology

- High rate Magnetron sputtering with IPT (Inter-Pole-Target) cathodes. Maximum two cathodes.
- MF (40 KHz) PECVD (Plasma-Enhanced-Chemical-Vapour-Deposition)

Typical

Sputter materials

Aluminium
Chromium
Stainless steel
Sn
Cu and many others

Productivity

Cycle time	approx. 3-6 minutes (depending on layer stack substrate material, substrate geometry and environmental conditions)
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Electrical power (approx.)

Max. connected load	200 / 275 kVA (one/two cathodes)
Typical consumption	85 kVA

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