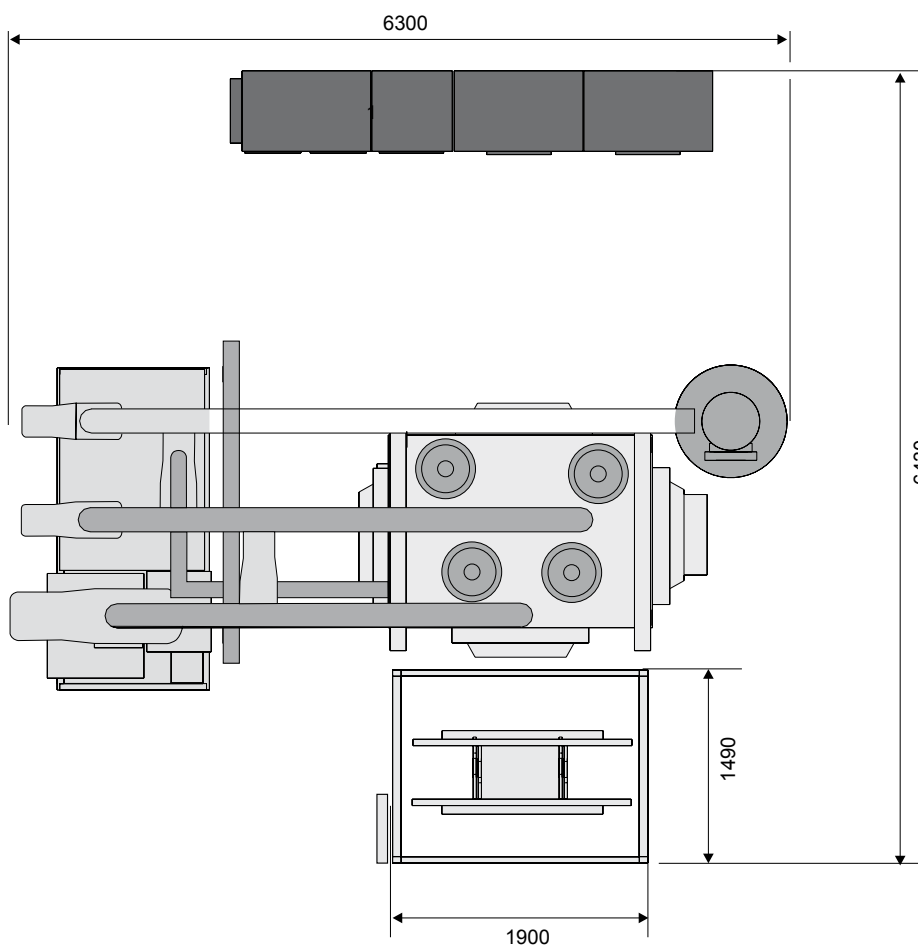


DynaMet 4V: Vertical sputtering for molded parts

A maximum substrate depth of 250 mm and a frame size of up to 840 by 440 millimeters:
The DynaMet 4V can coat large, complex molded parts such as reflectors for car lamps, for instance, like no other vertically constructed system. The substrate frame of the DynaMet 4V moves clockwise from the load-lock station to pre-treatment, from pre-treatment to the sputtering station, from there to finishing with a topcoat, and finally back to the load-lock station. The system can be integrated into an automatic conveyor system easily.



3D-COATING



LEYBOLD OPTICS

Technical Features **DynaMet 4V**

Technical Features

Substrate carrier

Effective length:	840 mm
Effective width:	440 mm
Effective depth:	250 mm
Max. coating area per cycle:	0,37 m ²

Coating technology

- High rate static Magnetron sputtering with IPT (Inter-Pole-Target) cathodes
- RF (13,56 MHz) PECVD (Plasma-Enhanced-Chemical-Vapour-Deposition)

Sputtering material

Aluminium
Chromium
Stainless steel and many others

Productivity

Typical cycle time for car lamp application:
35 seconds

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