

METAPLAS-DOMINO

SULZER

Technical Features of the PVD System Concept

Sulzer Metco



DOMINO mini



DOMINO S



DOMINO L

Usable Coating Volume:	Ø 300 mm x 300 mm	Ø 400 mm x 500 mm	Ø 600 mm x 700 mm
Available Coating Modules:	<i>For all systems available: ARC, SPUTTER (DC and Pulse), HYBRID, HIPAC, PACVD</i>		
APA Arc Evaporators:	2 to 6	3 to 12	4 to 16
Magnetron Sputter sources:	1 to 3	1 to 4	1 to 4
BIAS Modules:	Bipolar Pulsed, 100 Hz – 20 kHz, 25 A, 1000 V	Bipolar Pulsed, 100 Hz – 20 kHz, 30 - 60 A, 1000 V	Bipolar Pulsed, 100 Hz – 20 kHz, 30 - 60 A, 1000 V
	<i>For all systems available: Medium Frequency BIAS: 5 Hz – 350 kHz, 30 A, 650 V</i>		
Plasma Cleaning:	<i>All systems equipped with patented Power Etching Process AEGD</i>		
Gas Modules:	<i>All systems with Nitrogen and Argon, optional Acetylene and Oxygen available</i>		
Substrate Table:	5 shafts	6 shafts	9 shafts
Loading Capacity for end mill Ø 10 x 70 :	240 pieces	480 pieces	900 pieces
Target Costs per tool for Mtec	for end mill Ø 10 x 70 0.07 – 0.08 € per tool	for end mill Ø 10 x 70 0.05 – 0.06 € per tool	for end mill Ø 10 x 70 0.04 – 0.05 € per tool
Target Costs per tool for Mpower	for end mill Ø 10 x 70 0.11 – 0.13 € per tool	for end mill Ø 10 x 70 0.08 – 0.10 € per tool	for end mill Ø 10 x 70 0.06 – 0.08 € per tool