

Automation

Modular Oscillating System 2.0



- Perfect for simple automation
- Modular construction
- Easy to operate and program
- AVC mode for vertical axis
- Remote touchscreen



COATING

Modular Oscillating System is a perfect solution for simple welding processes. Axis length can vary from 150 to 1500mm in standard range but for special request we are able to provide even longer axis. Whole system can be freely modified starting from the basic single axis to more complex 5 axis system. Vertical axis is in standard equipped with AVC mode, which allows to automatically adjust arc length even during welding uneven surfaces.

Due to user friendly software oscillation movement programming is extremely easy and intuitive, additionally remote touchscreen allows quick axis positioning and constant access to all features. Whole system is based on linear bearings and servo drives which provides exceptional stability. Although system is dedicated to cooperate with our GAP 3511 DC Synergic it could works also independently (for instance with SF Lance).



MOS-1 axis-150

ESC 766211

Horizontal axis 100 mm

Axis	Horizontal
Max traverse path (mm)	150
Oscillation speed (mm/s)	0.1-80



MOS-2 axis-1028/150

ESC 767252

Horizontal/vertical axis 1100/150 mm

Axis	Horizontal and vertical with integrated AVC
Max traverse path (mm)	1028
Oscillation speed (mm/s)	0.1-100



MOS-1 axis-150 AVC

ESC 767253

Vertical axis 150 mm

Axis	Vertical with integrated AVC
Max traverse path (mm)	150
Oscillation speed (mm/s)	0.1-80



MOS-3 axis-1028/150/150

ESC 766747 - basic

ESC 767335 - advanced

3 axis

Axis	3 axis with integrated AVC
Max traverse path (mm)	1028
Oscillation speed (mm/s)	0.1-100



MOS-2 axis-150/150

ESC 766212

Oscillator - Horizontal/vertical axis 150 mm

Axis	Horizontal and vertical with integrated AVC
Max traverse path (mm)	150
Oscillation speed (mm/s)	0.1-80



MOS-4 axis-1028/150/150 with turntable

ESC 767336

Turntable – rotation axis

Payload (kgs) in horizontal position	300
Diameter of the turntable (mm)	450
Equipped in 3 jaw clamp - 250mm	



Accessories



Clamping system for E52 torch

ESC 260456

Dedicated system suitable to attach on all axis