

E-ROBOT ZX02-E

Series

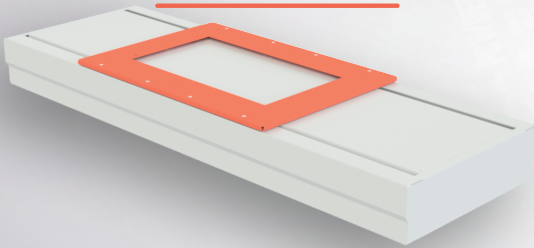
Automatic Powder Coating Applications



E-ROBOT Z02-E



E-ROBOT X02-E



- Reliable, Sensitive and Smooth Motion Control;
Vertical Motion (z-axis)
Horizontal Motion (x-axis)
- Two Operating Modes for All Axes
-Oscillation Mode
-Position Mode
- Remote Speed, Stroke and Acceleration Adjustment
With User Friendly Interface
- Smooth and Homogeneous Painting
With Precise Movement
- Perfect Balance
Through Counter Weight
- Different Size Available
1500-3000 mm for Vertical
- The horizontal axis max. Stroke : 1000 mm
- E-SENSE Compatibility
- Up to 50 kg load capacity
for automatic guns and gun holders
- II 3 D



Contact Information

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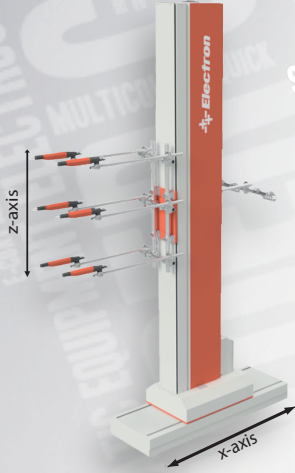


E-DRIVE ZX02-E

Reciprocator Motion Control Unit

- Programming via an interface
- 50 storable programs
- Free axis programming
- Segment operation and stroke adjustment
- Serial communication
- Providing up to 8 different axis controls
- IP54 protection type

Ex II 3 D Ex tc IIIC T80°C Dc



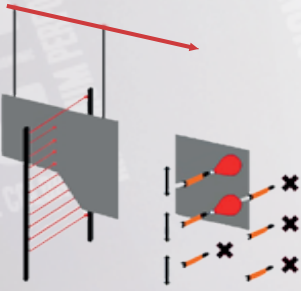
E-ROBOT Z02-E	1500	1800	2100	2400	2700	3000
Height	2,824 m	3,124 m	3,424 m	3,724 m	4,024 m	4,324 m
Stroke lenght	1,5 m	1,8 m	2,1 m	2,4 m	2,7 m	3,0 m
Belt	5,3 m	5,9 m	6,5 m	7.1 m	7.7 m	8.3 m
Order Code*	A05RD01500-EX	A05RD01800-EX	A05RD02100-EX	A05RD02400-EX	A05RD02700-EX	A05RD03000-EX
Stroke Speed	0.1 up to 0.6 m/s (6.0 up to 36.0 m/min.)					
Acceleration	0.5-2.5 m/s²					
Position detection	with incremental pulse generator					

* Clamps and poles must be ordered separately.

E-ROBOT X02-E	1000
Stroke lenght	1 m
Belt	2.10 m
Order Code	A05R02TA1000
Stroke Speed	0.06 up to 0.15 m/s (3.6 up to 9.0 m/min.)
Position detection	with incremental pulse generator

Compatibilities

E-SENSE



Smart Part Detection Systems

- E-SENSE is a part detection supervised automated painting control system where all the equipments of the painting system is controlled by a main PLC based controller depending on the signals received from the sensors.
- Reciprocators move and adjust themselves depending on the part height, distance and speed automatically

Gap Detection

- Automatic reciprocator stroke control depending on the gun configuration
- Automatic reciprocator speed control depending on the conveyor speed when enabled

Optionals

Reciprocator Arms and Clamps

Part	Order Code	Part Name
1	B07EH50908	Ø30 CLAMP FOR E-GUN C3 (AUTO. GUN)
2	B07EH50906	Ø40x30 CLAMP
3	B07EH50905	Ø40xOVAL CLAMP
4	B07EH50904	Ø40x40 CLAMP
5	B07EH50907	ROBOT BODY Ø40 CLAMP
6	B07RCA001	COMPOSITE TYPE RECIPROCATOR ARM - COMPLETE
7	SCBR03004	Ø30x3 ALUMINIUM PIPE
8	SCBR03005	Ø40x5 ALUMINIUM PIPE



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