## **Equator™ Auto Transfer System - EQ-ATS For EQ300 Plates**

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	ATS 300 (25 gauge - 500 stroke) Kits: EQ-ATS 300-M6-5 (A-6242-0051) EQ-ATS 300-M8-5 (A-6242-0052) EQ-ATS 300-1/4"-5 (A-6242-0053)
Effective working volume (WV) (see note 1)	XY Ø 300 mm Z 150 mm
Dimensions (WxDxH)	405 mm x 846 mm x 91 mm
Width of bumper	406 mm
Traverse time	1.5 seconds
Stroke length	500 mm
Maximum workpiece mass	10 kg (at up to 100 mm offset)
Inspection tile	310 mm × 310 mm aluminium - available as M6, M8, or 1/4"
Machine air supply requirement	Ø 6 mm pneumatic tubing with 3 bar minimum pressure
Operating temperature	+5 °C to +50 °C
Storage temperature	−25 °C to +70 °C
Relative humidity operating range	80 % RH at 40 °C, non-condensing
EQ-ATS electrical supply requirements	Connects to Equator Controller (24 V, < 250 mA) via EQ-CM1
Product mass	12.3 kg
Total system weight	39.3 kg
Air Consumption	4.22 L per cycle (in and out)

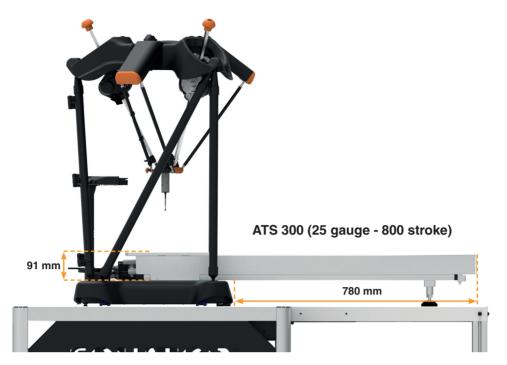
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Part	Part Number
Equator 300 Enclosure Base	A-5504-0212
Table Extension*	A-6242-0340

<sup>\*</sup>ATS 25-800 must be adequately supported. A table is available separately.

	ATS 300 (25 gauge - 800 stroke) Kits: EQ-ATS 300-M6-8 (A-6242-0061)	
	EQ-ATS 300-M8-8 (A-6242-0062)	
	EQ-ATS 300-1/4"-8 (A-6242-0063)	
Effective working volume (WV)	VV 6 200 mm 7 150 mm	
(see note 1)	XY Ø 300 mm Z 150 mm	
Dimensions (WxDxH)	405 mm x 1146 mm x 91 mm	
Traverse time	2 seconds	
Stroke length	800 mm	
Maximum workpiece mass	10 kg (at up to 100 mm offset)	
Inspection tile	310 mm × 310 mm aluminium - available as M6, M8, or 1/4"	
Machine air supply requirement	Ø 6 mm pneumatic tubing with 3 bar minimum pressure	
Operating temperature	+5 °C to +50 °C	
Storage temperature	−25 °C to +70 °C	
Relative humidity operating range	80 % RH at 40 °C, non-condensing	
EQ-ATS electrical supply requirements	Connects to Equator Controller (24 V, < 250 mA) via EQ-CM1	
Product mass	14.5 kg	
Total system weight	41.5 kg	
Air Consumption	6.61L per cycle (in and out)	

## Technical notes

The EQ-ATS with 500 mm travel is designed for the Equator 300, but can be mounted onto the Equator 500 using common mounting points.

Note 1 The position of the working volume in the Z-direction depends on the length of the stylus. The dimensions provided above are achieved using an SM25-2 with a 75x8 stylus.

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