

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

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## Equator 300 Extended Height with EQ-ATS



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



**ATS 300 (25 gauge - 800 stroke)**

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

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

	<b>ATS 300 (25 gauge - 800 stroke)</b> 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)
<b>Effective working volume (WV)</b> <i>(see note 1)</i>	XY Ø 300 mm Z 150 mm
<b>Dimensions (WxDxH)</b>	405 mm x 1146 mm x 91 mm
<b>Traverse time</b>	2 seconds
<b>Stroke length</b>	800 mm
<b>Maximum workpiece mass</b>	10 kg (at up to 100 mm offset)
<b>Inspection tile</b>	310 mm x 310 mm aluminium - available as M6, M8, or 1/4"
<b>Machine air supply requirement</b>	Ø 6 mm pneumatic tubing with 3 bar minimum pressure
<b>Operating temperature</b>	+5 °C to +50 °C
<b>Storage temperature</b>	-25 °C to +70 °C
<b>Relative humidity operating range</b>	80 % RH at 40 °C, non-condensing
<b>EQ-ATS electrical supply requirements</b>	Connects to Equator Controller (24 V, < 250 mA) via EQ-CM1
<b>Product mass</b>	14.5 kg
<b>Total system weight</b>	41.5 kg
<b>Air Consumption</b>	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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H - 6242 - 8200 - 02

Part no.: H-6242-8200-02-A  
 Issued: 10.2019