

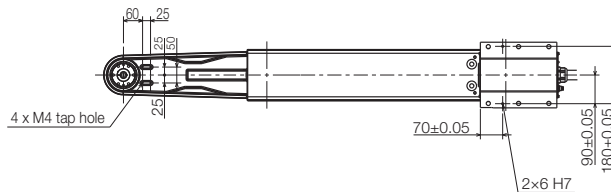
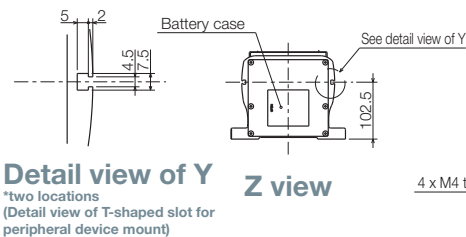
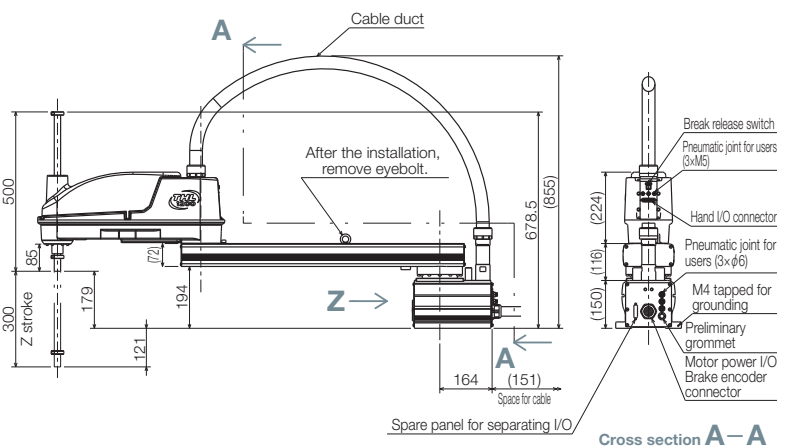
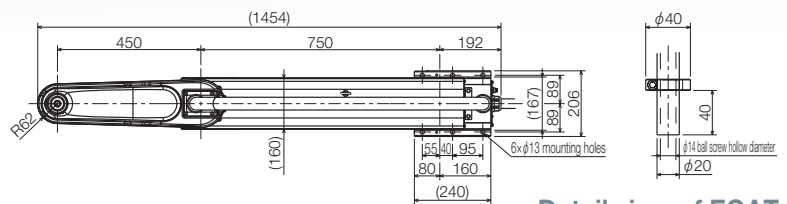
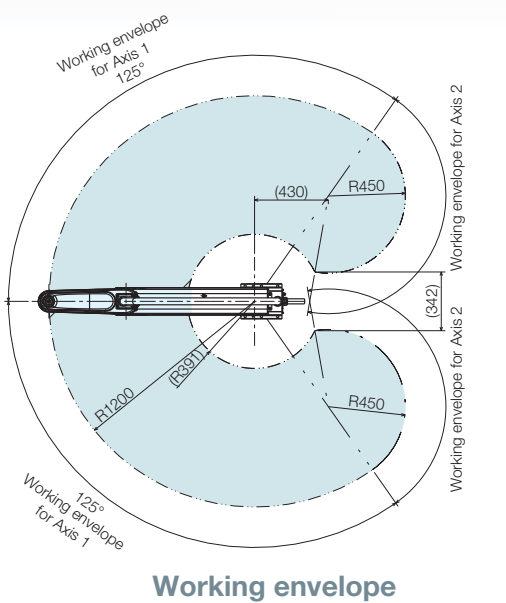
THL1200



Model	THL1200	
Arm length (1st Arm + 2nd Arm)	1200 mm (750 mm+450 mm)	
Working envelope	Axis 1	±125 deg
	Axis 2	±155 deg
	Axis 3 (Axis Z)	0~300 mm
	Axis 4 (Axis C)	±360 deg
Maximum speed	Axis 1	187.5 deg/sec
	Axis 2	217.5 deg/sec
	Axis 3 (Axis Z)	2000 mm/sec
	Axis 4 (Axis C)	1700 deg/sec
	Composite (Axis 1 and 2 composite)	5700 mm/sec
Standard cycle time ^{*1}	0.58 sec (with 2 kg load)	
Maximum payload mass ^{*2}	10 kg (rated 2 kg)	
Allowable moment of inertia ^{*2}	0.2 kg·m ²	
Positioning repeatability ^{*3}	X-Y	±0.05 mm
	Axis Z(Axis 3)	±0.03 mm
	Axis C(Axis 4)	±0.014 deg
Hand wiring	8 inputs and 8 outputs	
Hand pneumatic joint ^{*4}	φ6 x 3 pcs	
Robot controller cable	3.5 m	
Power supply	1.4 kVA	
Mass	40 kg	
Connectable controller	TSL3000, TSL3000E	

For *1 to *4 please see page 15.

External View



CAD Download URL <https://www.shibaura-machine.co.jp/en/product/robot/download.html>

