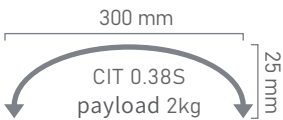


Model E4-551S

Operating range    Arm length550mm    Joint#3 stroke130mm

Payload                Rated 1kg/Maximum 4kg

Standard cycle time    0.38 sec



Cycle time based on round-trip arch motion (300mm horizontal,25mm vertical) with 2kg payload (path coordinates optimized for maximum speed)

Repeatability     $\pm 0.015\text{mm}$      $\pm 0.01\text{mm}$      $\pm 0.01^\circ$   
                                 Joint #1,#2                    Joint #3                    Joint #4

Parameters of each axis

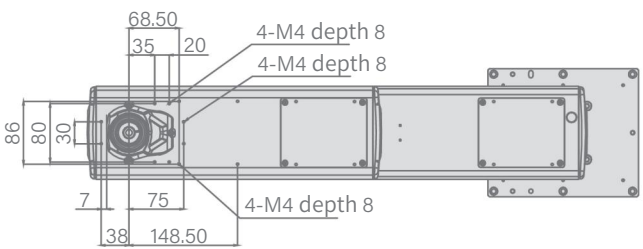
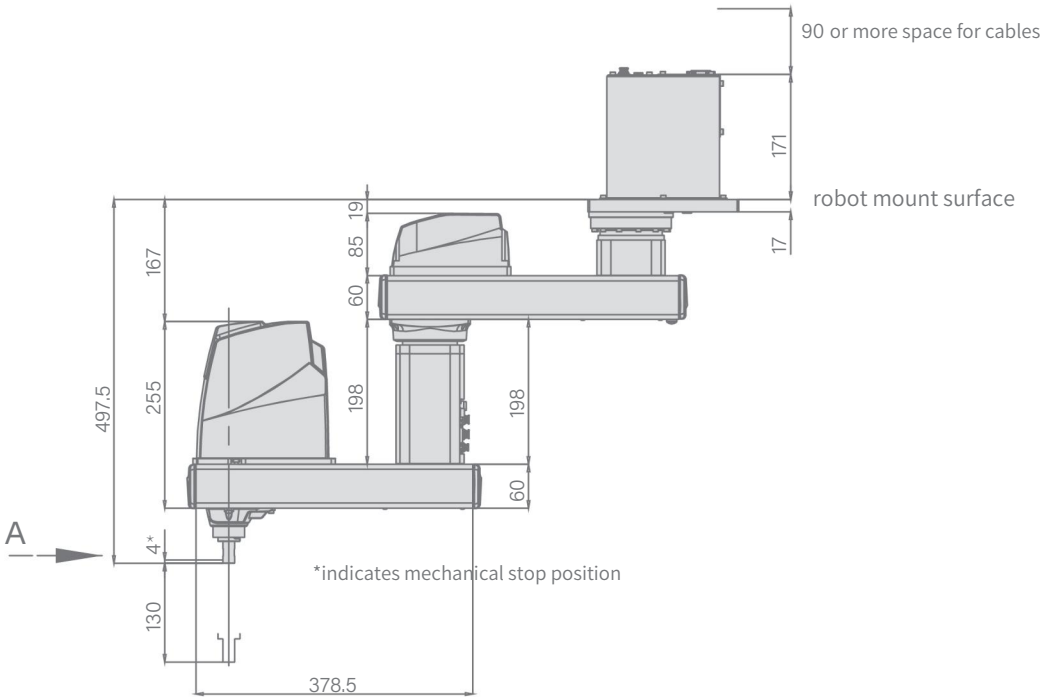
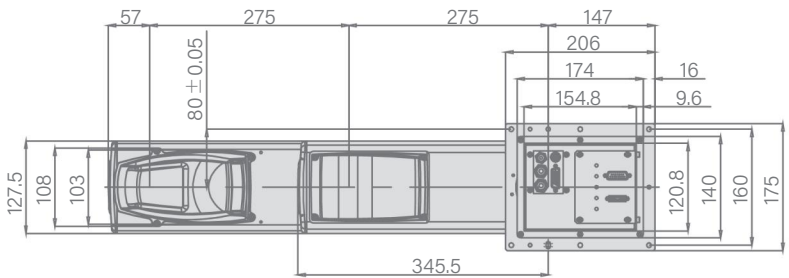
Joint Content	#1	#2	#3	#4
MAX Operating Speed	7400 mm/s		1100mm/s	2600° /s
MAX Motion Range	$\pm 225^\circ$	$\pm 225^\circ$	130mm	$\pm 720^\circ$
Motor Power Consumption	400W	400W	100W	100W
Joint#3 down force			150N	
Weight	22kg (cables not included )			

Joint #4 allowable moment of inertia, rate 0.005kg·m<sup>2</sup>, maximum 0.05kg·m<sup>2</sup>

Electrical parameters

Origin Return	None Need Origin Return
Installed wire for customer	15 Pin (D-Sub Connector)
Installed pneumatic tube for customer use	$\phi 4\text{mm}^*1$ , $\phi 6\text{mm}^*2$
Visual Interface	-
Installation Environment	Standerd/Clean (Customized)

Outer Dimensions and Motion Range



Detailed view from A

