

TURIN ROBOT CATALOG

STH100E

Payload : 10kg

Arm Reach : 600/800/1000mm



HANDLING
WELDING
PALLETIZING
SCARA
BENDING

		J1 axis			J2 axis	J3 axis	R axis	
Shaft Specifica	Arm length (mm)	STH100E-600 200	STH100E-800 400	STH100E-1000 600	400	200	-	
	Rotation range (degrees)	140 -140			140 -140		360 -360	
Motor name		NOVANCE Brand						
Motor output		750W(AC)			60W(AC)	400W(AC)	200W(AC)	
Reducer		LaiFu Harmonic + SHIMPO Harmonic						
Reducer Mechanis	Driving method	Motor and reducer					Direct	pulley + belt
		Reducer and output					Direct	pulley + belt
Repeat positioning accuracy (X, Y, Z: mm) (r: degrees)		±0.02				±0.03	±0.02	
Max speed (xyz:mm/sec) (r:degree/sec)		230			368	512	452	
Maximum handling weight (kg)		10kg						
Standard cycle time: 1kg be transported(s)		0.6s						
R axis allows moment of inertia (KGm ²)		0.18						
Input (IN) Output (OUT)		0.2*20						
Jser piping (outside)		6*3						
Robot cable length (m)		Standard: 3			Optional: 5			
Body weight (KG)		46-50KG						
Controller cabinet		TRC3C-A04						

Motion Range

