

T3

T-Series All-in-One SCARA Robots

**Powerful, Low-cost Automation
The Ultimate Slide Alternative**

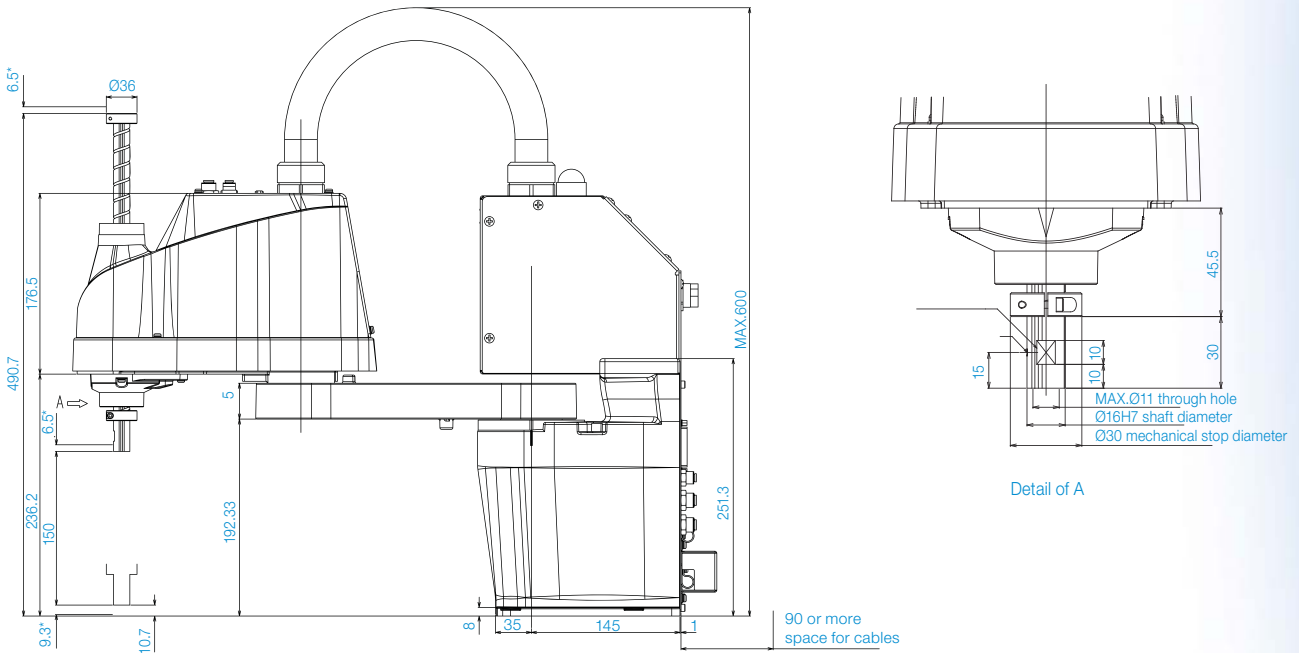
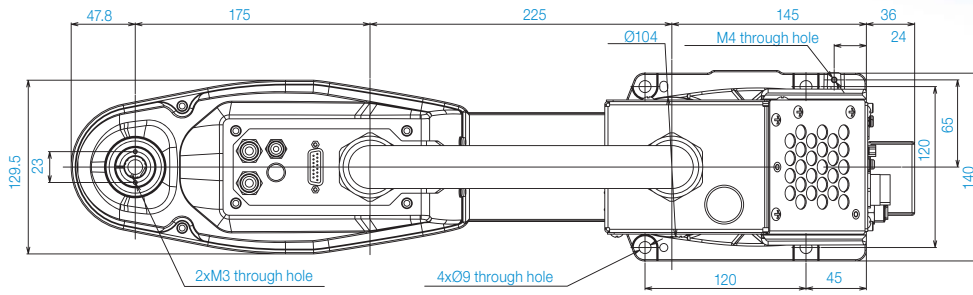
- Efficient Operation
- Easy to Install
- Built-in Controller
- Small and Lightweight
- Arm Length 400 mm
- No Battery Required for Encoder
- Comes Standard with 110 V and 220 V Power
- Easily Accessible Inputs and Outputs



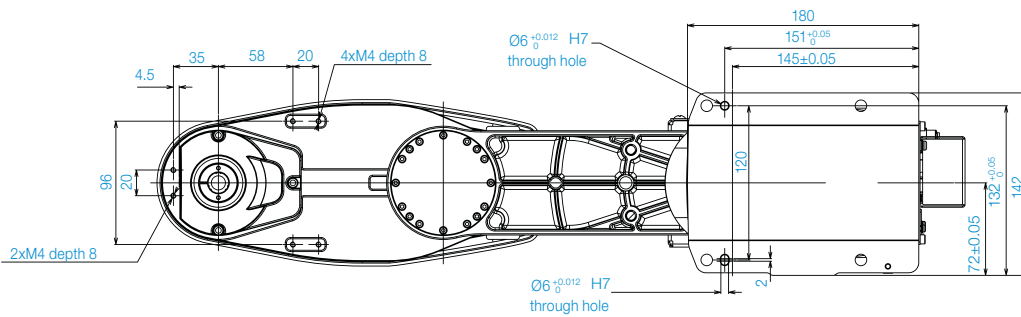
■ Specifications

		T3-401
Mounting type		Tabletop
Arm length	Joints #1, #2	400 mm
Payload	Rated	1 kg
	Maximum	3 kg
Repeatability	Joints #1, #2	±0.02 mm
	Joint #3	±0.02 mm
	Joint #4	±0.02 deg
		0.54 sec
Standard cycle time¹		
Max. motion range	Joint #1	±132 deg
	Joint #2	±141 deg
	Joint #3	150 mm
	Joint #4	±360 deg
Weight (cables not included)		16 kg; 35lb
Joint #4 allowable moment of inertia	Rated	0.003 kg•m ²
	Maximum	0.01 kg•m ²
Joint #3 downward force		83 N
User electric lines	Hand I/O	IN6/OUT4 (D-Sub 15Pin)
	User I/O	IN18/OUT12
User pneumatic lines		Φ6mm×2, Φ4mm×1
Safety standards		CE, ANSI/RIA15.06-2012, UL 1740

¹ Cycle time based on round-trip arch motion (300mm horizontal, 25mm vertical) with 1kg payload (path coordinates optimized for maximum speed).



* indicates the stroke margin by mechanical stop.



Motion Range (Tabletop Mounting)

