

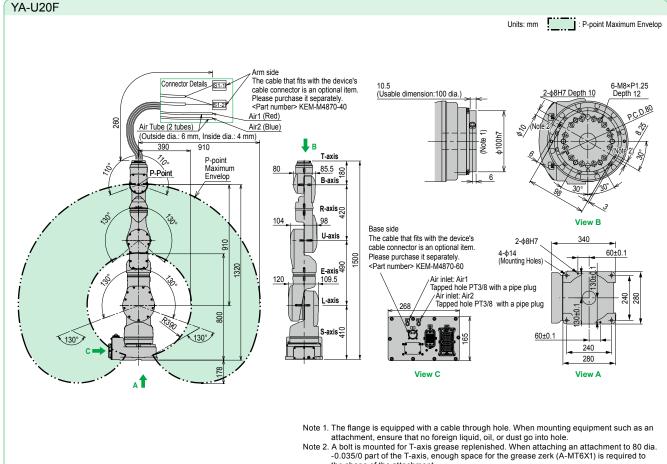
Note. Folds to compact size when not in use.

Note. Many installation options: on the floor, on the wall or on the ceiling. Please contact us separately regarding wall-mounted or ceiling-mounted installations.
Note. Assembles and handles heavy objects up to 20 kg.
Note. By utilizing internal user I/O wiring harness and air lines integrated in the arm, layout can be planned offline without worrying about peripheral interference. (Internal user I/O wiring harness and air lines specifications: two air hoses and sixteen-core cables)
External axis specification for a hand can be accommodated. Contact YAMAHA regarding your requirements.

Controlled Axis		7		R-axis (wrist roll)	
Payload		20 kg	Allowable Moment	B-axis (wrist pich/yaw	
Repeatability		±0.1 mm		T-axis (wrist twist)	
Range of Motion	S-axis (turning)	-180° to +180°	Allowable Inertia	R-axis (wrist roll)	
	L-axis (lower Arm)	-110° to +110°		B-axis (wrist pich/yaw	
	E-axis (elbow twist)	-170° to +170°	(GD ² /4)	T-axis (wrist twist)	
	U-axis (upper arm)	-130° to +130°	Mass		
	R-axis (wrist roll)	-180° to +180°	Power Requirements ^{Note 1}		
	B-axis (wrist pich/yaw)	-110° to +110°		Temperature	
	T-axis (wrist twist)	-180° to +180°		Humidity	
Maximum Speed	S-axis (turning)	2.27 rad/s, 130°/s	Ambient	Vibration	
	L-axis (lower Arm)	2.27 rad/s, 130°/s	Conditions	Others	
	E-axis (elbow twist)	2.97 rad/s, 170°/s			
	U-axis (upper arm)	2.97 rad/s, 170°/s			
	R-axis (wrist roll)	3.49 rad/s, 200°/s	Note 1. Varie	Note 1. Varies in accordance with appl Note. SI units are used for specificatio	
	B-axis (wrist pich/yaw)	3.49 rad/s, 200°/s			
	T-axis (wrist twist)	6.98 rad/s, 400°/s			

Allowable Moment	R-axis (wrist roll)	58.8 N∙m	
	B-axis (wrist pich/yaw)	58.8 N·m	
	T-axis (wrist twist)	29.4 N [.] m	
Allowable Inertia (GD ² /4)	R-axis (wrist roll)	4.0 kg·m ²	
	B-axis (wrist pich/yaw)	4.0 kg·m ²	
	T-axis (wrist twist)	2.0 kg·m ²	
Mass		120 kg	
Power Requ	irements ^{Note 1}	1.5 kVA	
Ambient Conditions	Temperature	0 to +40°C	
	Humidity	20 to 80%RH (non-condensing)	
	Vibration	4.9 m/s ² or less	
	Others	Free from corrosive gasses or liquids, or explosive gasses Free from exposure to water, oil, or dust Free from excessive electrical noise (plasma)	

plications and motion patterns



the shape of the attachment.

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