## YK600XG

Standard type: Medium type

Arm length 600mm
Maximum payload 20kg

Ordering method

YK600XGH

Tool flange No entry: None F: With tool flange

Cable 3L: 3.5m

RCX340-4

Programming / I/O point trace Remote command /

Operation

Specify various controller setting items. RCX340 ▶ P.678

**■** Controller

RCX340

■ Specifications						
			X-axis	Y-axis	Z-axis	R-axis
Axis	Arm length		200 mm	400 mm	200 mm 400 mm	-
specifications	Rotation angle		+/-130 °	+/-150 °	-	+/-360 °
AC servo motor output			750 W	400 W	400 W	200 W
Deceleration mechanism	Transmission method	Motor to speed reducer	Direct-coupled			
		Speed reducer to output	Direct-coupled			
Repeatability Note 1			+/-0.02 mm		+/-0.01 mm	+/-0.004 °
Maximum speed			7.7 m	7.7 m/sec 2.3 m/sec 1.7 m/sec 920		920 °/sec
Maximum payload			20 kg (Standard type), 19 kg (Tool flange mount type)			
Standard cycle time: with 2kg payload Note 2			0.47 sec			
R-axis tolerable moment of inertia Note 3			1.0 kgm <sup>2</sup>			
User wiring			0.2 sq × 20 wires			
User tubing (Outer diameter)			ф 6 × 3			
Travel limit			1.Soft limit 2.Mechanical stopper (X,Y,Z axis)			
Robot cable length			Standard: 3.5 m Option: 5 m, 10 m			
Weight			Z axis 200 mm: 48 kg Z axis 400 mm: 50 kg			

using RS-232C communication

Controller | Power capacity (VA) | Operation method

2500

Note. The movement range can be limited by changing the positions of X and Y axis mechanical stoppers. (The movement range is set to the maximum at the time of shipment.)

See our robot manuals (installation manuals) for detailed information. Note. To set the standard coordinates with high accuracy, use a

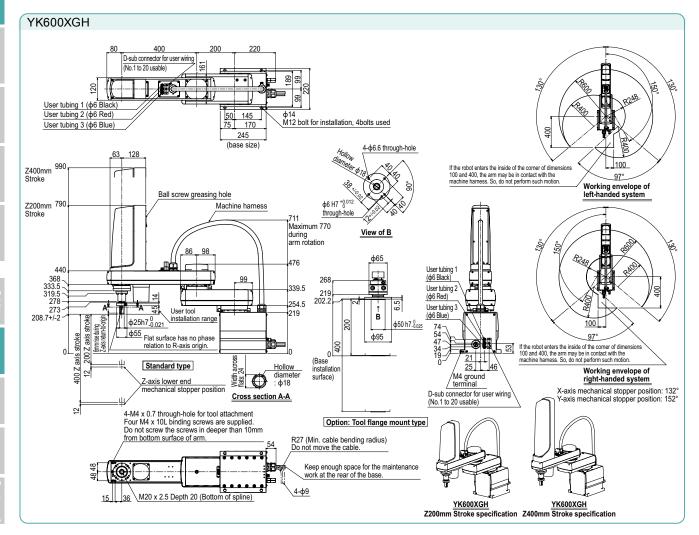
standard coordinate setting jig (option). Refer to the user's manual (installation manual) for more details.

Our robot manuals (installation manuals) can be downloaded from our website at the address below: https://global.yamaha-motor.com/business/robot/

Note 1. This is the value at a constant ambient temperature. (X,Y axes)

Note 2. When reciprocating 300mm in horizontal and 25mm in vertical directions.

Note 3. The acceleration coefficient is set automatically in accordance with the tip weight and R-axis moment of inertia settings. Note. Please consult YAMAHA when connecting other tubes and cables to the self-supporting machine harness.



Controller