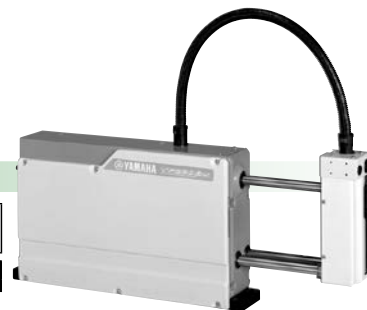# YP220BX `2 axes`

■ Ordering method

YP220BX – [Model] – [Cable length]
3L: 3.5m
5L: 5m
10L: 10m

RCX320-2 – [Controller / Number of controllable axes] – [Safety standard] – [Option A (OP.A)] – [Option B (OP.B)] – [Vision System] – [Absolute battery]

Specify various controller setting items. RCX320 ▶ P.660

RCX222 – [Controller] – [Usable for CE] – [I/O selection 1] – [I/O selection 2]

Specify various controller setting items. RCX222 ▶ P.670

■ Specifications

	X axis	Z axis
AC servo motor output (W)	200	200
Repeatability [Note 1] (mm)	+/-0.05	+/-0.05
Drive system	Timing belt	Timing belt
Deceleration ratio (mm)	Equivalent to lead 24	Equivalent to lead 20
Maximum speed [Note 2] (mm/sec)	1440	1200
Moving range (mm)	200	100
Cycle time (sec)	0.45 [Note 3]	
Maximum payload (kg)	3	
Robot cable length (m)	Standard: 3.5 Option: 5,10	
Weight (kg)	17	

Note 1. Positioning repeatability precision in a single swing when residual vibration is stabilized (variable depending on the load and stroke).
Note 2. When the moving stroke is short, the maximum speed may not be reached.
Note 3. Reciprocating time in vertical direction (50mm) and longitudinal direction (150mm) with the arch amount of 50 (when executing rough-positioning arch motion with 1kg load).

■ Controller

Controller	Power consumption (VA)	Operating method
RCX320 RCX222	500	Programming / I/O point trace / Remote command / Operation using RS-232C communication

YP220BX
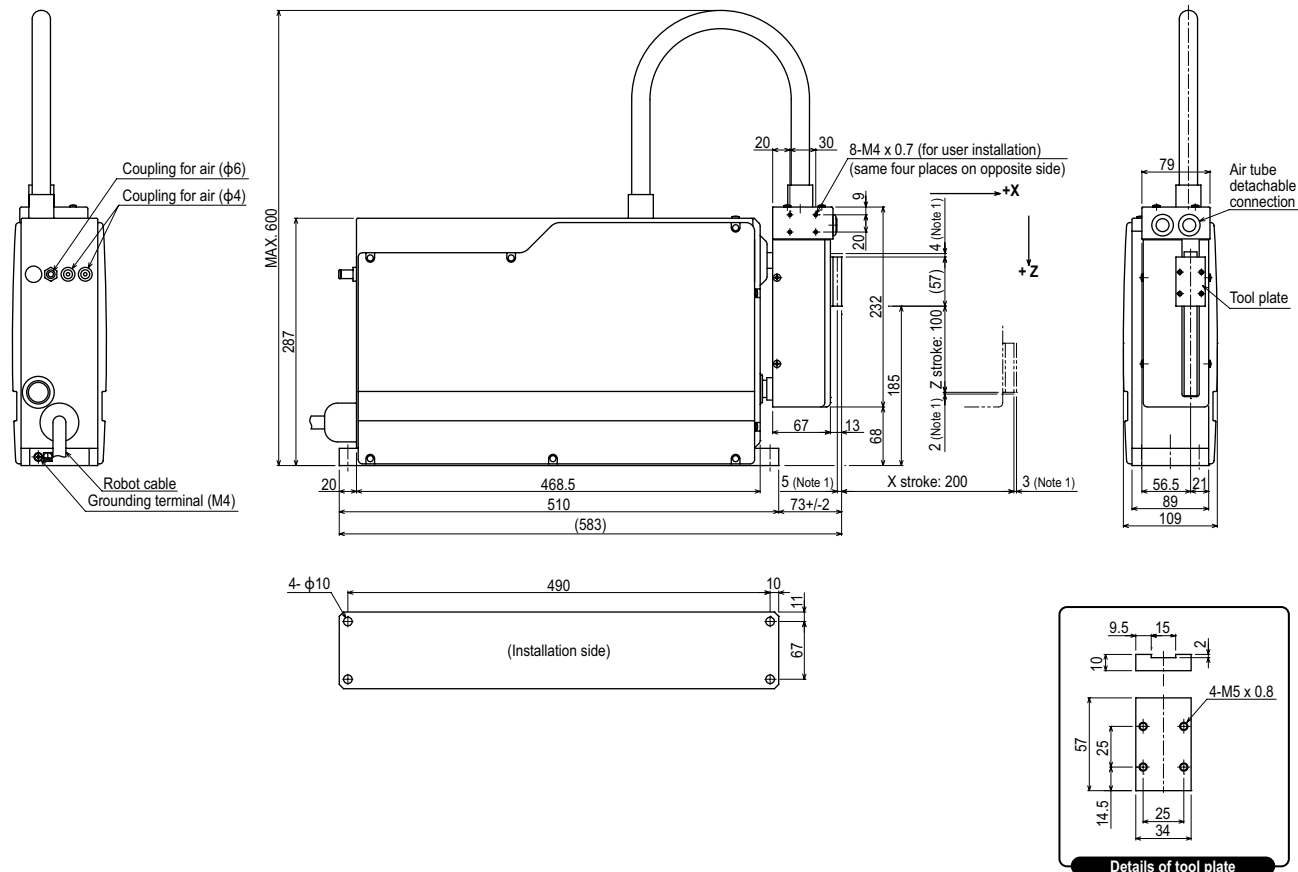
Note 1. Distance to mechanical stopper.
Note 2. Return-to-origin on the YP220BX is by absolute reset. So the origin position must be set the first time (making initial settings) but after that is not required.