

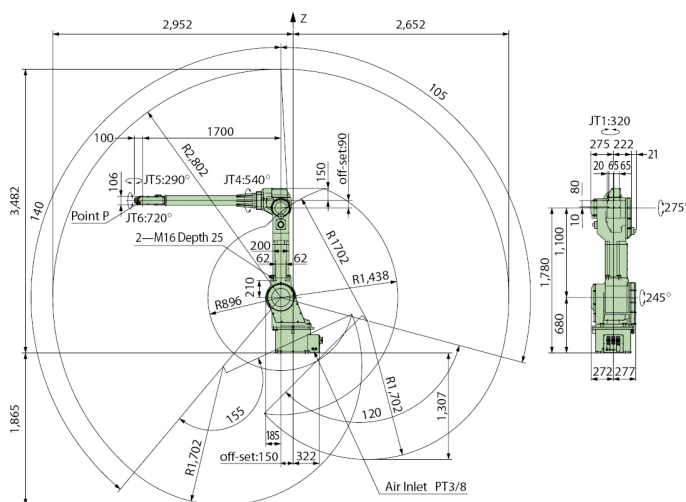
# FS10X

## Product Specification



### Standard Applications:

- Dispensing
- Sealing
- Assembly
- Inspection
- Material Handling
- Machine Tending
- Material Removal

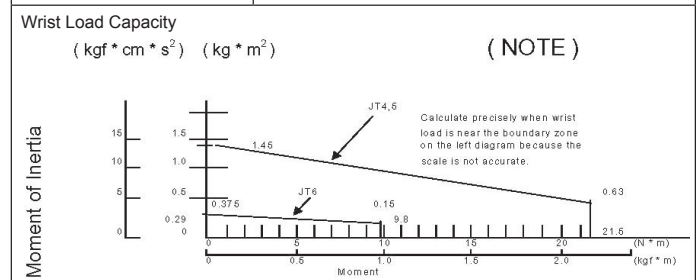


Arm Type	Articulated		
Degrees of Freedom	6 (Optionally 7)		
Axes Work Envelope and Maximum Speed	Axis	Work Envelope	Maximum Speed
	Arm Rotation (JT1)	± 160°	160° /s
	Arm Out-In (JT2)	+140° ~ -105°	140° /s
	Arm Up-Down (JT3)	+120° ~ -155°	200° /s
	Wrist Swivel (JT4)	± 270°	300° /s
	Wrist Bend (JT5)	± 145°	360° /s
	Wrist Twist (JT6)	± 360°	600° /s
	Arm Traverse (JT7)	Standard 2000 mm	1000 mm/s

Position Repeatability	±0.23 mm (at center of tool mounting surface)
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Payload	10 kg
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Maximum Linear Speed	15000 mm/s (Maximum Linear Interpolation Speed: 2000 mm/s)
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Driving Motor	Brushless AC Servomotor
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Mass	580 kg (excluding options)
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Color	Kawasaki Standard
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Installation	Floor and ceiling mount
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Ambient Temperature	0 – 45° C for manipulator
Relative Humidity	35 – 85% non-condensing

Pneumatic Piping	Built-in Pneumatic Piping
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Power/Signal Cable Length	7 m
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Built-in Circuit	Built-in Sensor Harness; 4 circuits, 24 VDC, GND Built-in Option Harness; 7 pairs
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IP Rating	Wrist-IP67; Arm-IP65
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Options	Power/Signal Cable Length: 10 m, 15 m	
	Installation	Wall Mount
	Protection	Dust Proof
	Built-in Valve	1D/2D/1S/2S/1S1D/3D/3S/1D2S/2D1S
	Installation Base	Robot Riser 600 mm, Robot Riser 300 mm, Base Plate
	Mechanical Stopper	JT1,2,3 adjustable (22.5 deg)
	Cover	Zeroing Surface Protect Cover

Consult us about Maintenance Parts and Spare Parts.