

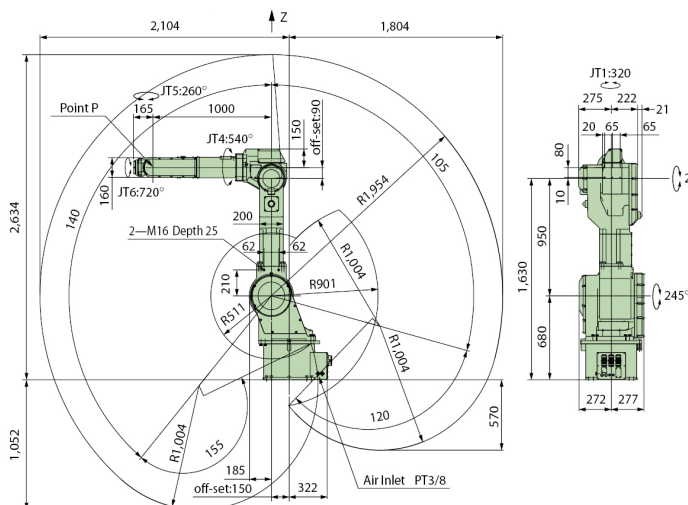
FS30L

Product Specification



Standard Applications:

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



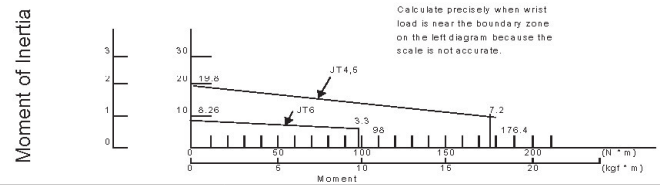
Arm Type	Articulated		
Degrees of Freedom	6 (Optionally 7)		
Axes Work Envelope and Maximum Speed	Axis	Work Envelope	Maximum Speed
	Arm Rotation (JT1)	± 160°	160° /s
	Arm Out-In (JT2)	+140° ~ -105°	140° /s
	Arm Up-Down (JT3)	+120° ~ -155°	160° /s
	Wrist Swivel (JT4)	± 270°	240° /s
	Wrist Bend (JT5)	± 130°	240° /s
	Wrist Twist (JT6)	± 360°	340° /s
Arm Traverse (JT7)	Standard 2000 mm	1000 mm/s	

Position Repeatability ±0.15 mm (at center of tool mounting surface)

Payload 30 kg

Maximum Linear Speed 11100 mm/s (Maximum Linear Interpolation Speed: 1500 mm/s)

Wrist Load Capacity (kgf * m * s²) (kg * m²) (NOTE)



Driving Motor Brushless AC Servomotor

Mass 585 kg (excluding options)

Color Kawasaki Standard

Installation Floor and ceiling mount

Ambient Temperature 0 – 45° C for manipulator
Relative Humidity 35 – 85% non-condensing

Pneumatic Piping Built-in Pneumatic Piping

Power/Signal Cable Length 7 m

Built-in Circuit Built-in Sensor Harness; 4 circuits, 24 VDC, GND
Built-in Option Harness; 7 pairs

IP Rating Wrist-IP67; Arm-IP65

Options Power/Signal Cable Length: 10 m, 15 m

Installation Wall Mount

Protection Dust Proof

Built-in Valve 1D/2D/3D/1D1S/1D2S/2D1S/1S/2S/3S

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.