

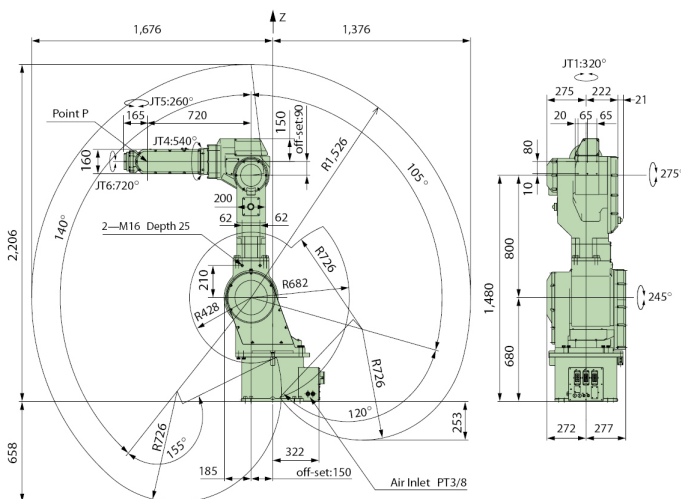
# FS30N

## Product Specification



### Standard Applications:

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

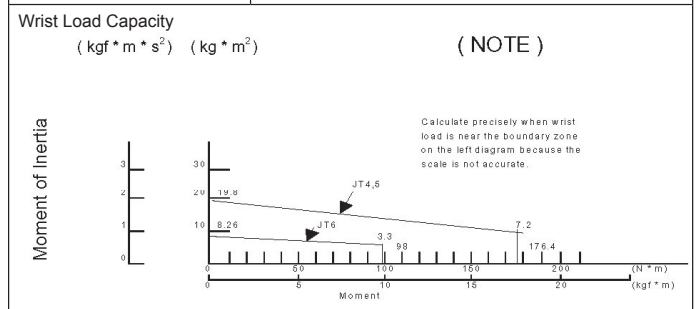


Arm Type	Articulated		
Degrees of Freedom	6 (Optionally 7)		
Axes Work Envelope and Maximum Speed	<b>Axis</b>	<b>Work Envelope</b>	<b>Maximum Speed</b>
	Arm Rotation (JT1)	± 160°	160° /s
	Arm Out-In (JT2)	+140° ~ -105°	140° /s
	Arm Up-Down (JT3)	+120° ~ -155°	160° /s
	Wrist Swivel (JT4)	± 270°	240° /s
	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)
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Payload	30 kg
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Maximum Linear Speed	8900 mm/s (Maximum Linear Interpolation Speed: 1300 mm/s)
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Driving Motor	Brushless AC Servomotor
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Mass	575 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
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Installation	Wall Mount
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Protection	Dust Proof
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Built-in Valve	1D/2D/3D/1D1S/1D2S/2D1S/1S/2S/3S
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Installation Base	Robot Riser 600 mm, Robot Riser 300 mm, Base Plate
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Mechanical Stopper	JT1,2,3 adjustable (22.5 deg)
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Cover	Zeroing Surface Protect Cover
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Consult us about Maintenance Parts and Spare Parts.