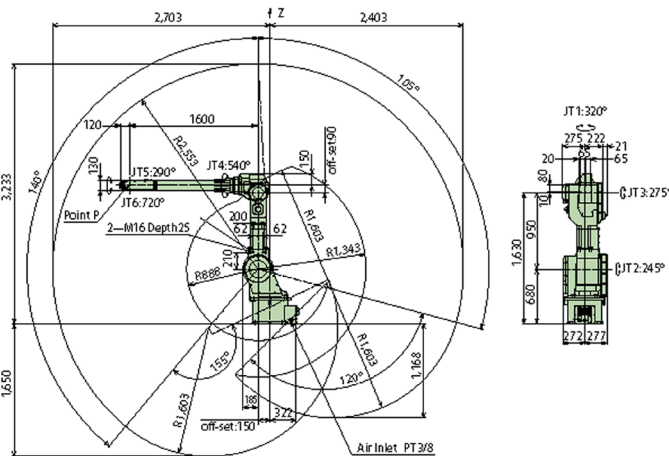


# FS20X

## Product Specification

### Standard Applications:

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



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°	200° /s
	Wrist Swivel (JT4)	± 270°	300° /s
	Wrist Bend (JT5)	± 145°	330° /s
	Wrist Twist (JT6)	± 360°	500° /s
	Arm Traverse (JT7)	Standard 2000 mm	1000 mm /s
Repeatability	±0.5 mm (at the wrist flange surface)		
Payload	20 kg		
Maximum Linear Speed	8500 mm/s (Maximum Linear Interpolated Speed: 1700 mm/s)		
Driving Motor	Brush-less AC Servomotor		
Mass	280 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		
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/1S/2S/1S1D	
	Installation Base	Robot riser 600 mm Robot Riser 300 mm Base Plate	
	Mechanical Stopper	JT1, 2, 3 adjustable (22.5 degrees)	
	Cover	Zeroing Surface Protective Cover	
	Consult us about Maintenance Parts and Spare Parts.		