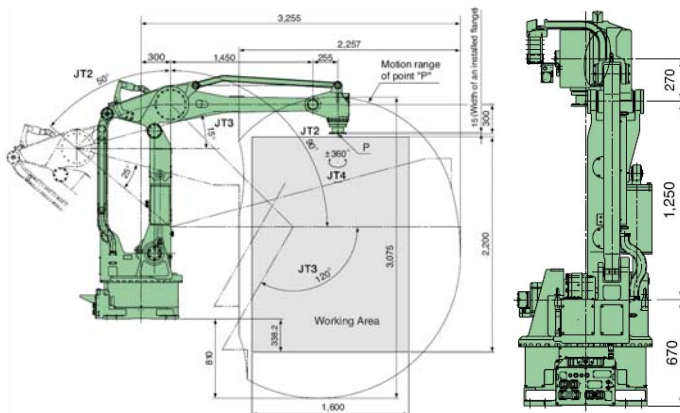


Standard Applications:

- Palletizing



Arm Type	Articulated		
Degrees of Freedom	4		
Axes Work Envelope and Maximum Speed	Axis	Work Envelope	Maximum Speed
	Arm Rotation (JT1)	± 180°	135° /s
	Left-Right Stroke	1800 mm	
	Arm Out-In (JT2)	+90° ~ -50°	110° /s
	Out-In Stroke	1600 mm	
	Arm Down-Up (JT3)	+15° ~ -120°	130° /s
	Down-Up Stroke	2200 mm	
	Wrist Swivel (JT4)	± 360°	400° /s
Adjustable Mechanical Stopper JT1			
Position Repeatability	±0.05 mm (at wrist flange surface)		
Payload	130 kg		
Palletizing Capacity (Maximum)	Bag Palletizing Approx. 1800 bags/hour (60 kg)		
	Box Palletizing Approx. 1500 boxes/hour (130 kg)		
On the condition that robot moves 400 mm stroke in down-up direction and 2000 mm stroke in left-right direction.			
Maximum Wrist Inertia	50 Kg*m ² (5.1 Kg*m ²)		
Driving Motor	Brushless AC Servomotor		
Mass	1350 kg (excluding options)		
Color	Kawasaki Standard		
Installation	Floor mount		
Ambient Temperature Relative Humidity	0-45° C for manipulator		
	35-85% non-condensing		
Pneumatic Piping	Air tube for Hand (Ø12 - 1 line)		
	Air tube for Vacuum (Ø12 - 1 line)		
	Valve Driving lines for end-effector—7 lines; DC24V Spec.		
	Sensor lines for end-effector—4 lines + DC24V + 0 V		
Power/Signal Cable Length	7 m		
Options	Power/Signal Cable Length: 10 m, 15 m		
	Additional lines for sensor and valve		
	Gripper (for Box gripping)		
	Gripper (for Bag gripping)		
	Gripper (using vacuum blower)		
	Rust-resistant specification		
	Blower hose for end-effector (φ 1 inch - 1 line)		
Consult us about Maintenance Parts and Spare Parts.			