

# Kawasaki Robot

## J series

### Js-30

### Js-40



Assembly/  
Material  
Handling



Sealing

## Offers Impressive Payload & Reach, Efficient Flexible Work Envelope and Sealed Construction

All the features of Kawasaki's small sized "J Series" robots in a medium payload and long reach configuration. Largest in the J series of Kawasaki robots, the Js-30/40 can handle an impressive payload with motion capabilities that allow the robot to "bend over backwards". The robot utilizes a sealed construction

which allows it to work under the most difficult and undesirable environmental conditions. The Js-30/40 is ideally suited for all types of work in material handling, machine loading, assembly, and sealing applications.

### ■ Features

#### 1. Extensive operating range

With the ability to "bend over backwards", the Js-40 is capable of a very large, spherical work range. This operating range is further increased with the long reach version, the Js-30.

#### 2. Shortened cycle times

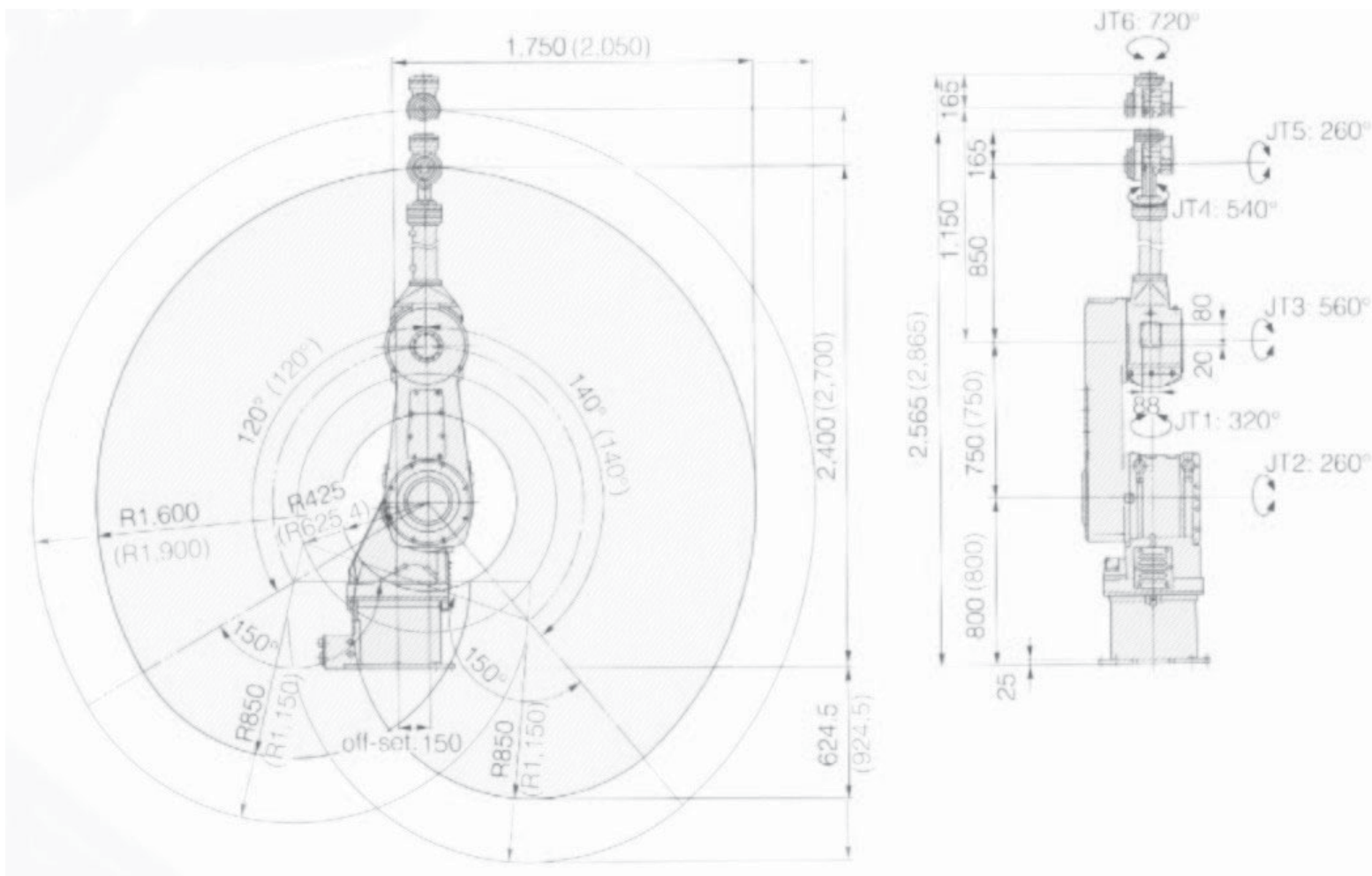
Through an improved drive system design, acceleration and deceleration rates have been increased. The result is faster operation speeds and shorter cycle times than other comparable payload robots. The new control system uses a high speed servo loop and all digital servo control.

#### 3. Several installation configuration choices

All Kawasaki J series robots can be mounted on the floor, ceiling, or wall.

#### 4. Clean Design

All wiring and piping for the Js-30/40 motors and encoders are completely hidden inside the robot structure which eliminates application interference. The sealed construction offers a high degree of protection from harsh environmental conditions (1P55 equivalent).



## Specifications

Model		Js-30	Js-40	Model	Js-30	Js-40	
Degree of Motion		6	6	Repeatability	±0.15mm		
Axes Range	JT1	320°	320°	Max. Linear Interpolation Speed	1.500 mm/sec		
	JT2	260°	260°		Drive Motor	Brushless AC Servo Motor	
	JT3	560°	560°	Arm Weight		700kgf	650kgf
	JT4	540°	540°			Built-in Function	Built-in air tube solenoid valve 1 line, 2 Lines (With (Built-in sensor cable 4 lines or 14 Marrows))
	JT5	260°	260°	Installation Configurations			Floor Setting, Ceiling Suspension, (Wall Hanging) (Base Setting Frame, 300 mm, 600 mm) (Base Plate)
	JT6	720°	720°				
Payload		30 kgf	40 kgf				
Wrist Load Capacity	Swivel JT4	18 kgf-m	18 kgf-m				
	Bend JT5	18 kgf-m	18 kgf-m				
	Twist JT6	10 kgf-m	10 kgf-m				

Note: Items in bracket--Optional