

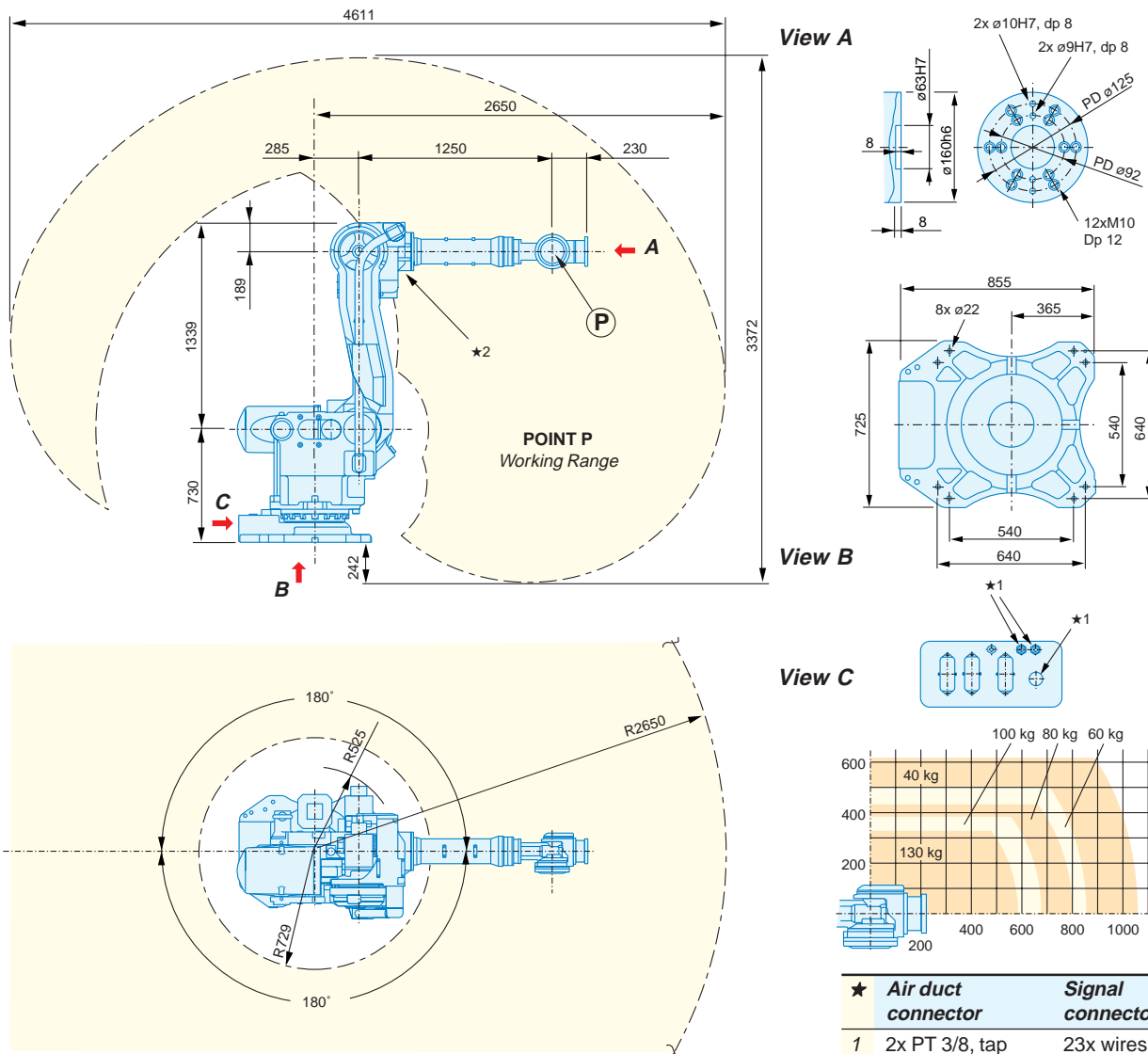
Industrial Robot

MOTOMAN-UP130



Suitable applications

- *Handling*
- *Assembling*
- *Packaging/Palletising*
- *Grinding/Polishing*
- *Gluing/Sealing*
- *Cutting/Deburring*
- *Spraying/Painting*
- *Machine tending*
- *Spot welding*



Specifications

Controlled Axes	6	
Payload	130 kg	
Repetitive Positioning Accuracy	±0.2 mm	
Motion Range	S-axis (turning)	±180°
	L-axis (lower arm)	+76°, -60°
	U-axis (upper arm)	+240°, -130°
	R-axis (wrist roll)	±360°
	B-axis (wrist pitch)	±130°
Maximum Speed	T-axis (wrist twist)	±360°
	S-axis	130°/s
	L-axis	130°/s
	U-axis	130°/s
	R-axis	215°/s
	B-axis	180°/s
	T-axis	300°/s

Weight	1300 kgs	
Power Supply	7.5 kVA	
Allowable Moment	R-axis	735 Nm (75 kgf•m)
	B-axis	735 Nm (75 kgf•m)
	T-axis	421 Nm (43 kgf•m)
Allowable Inertia	R-axis	45 kg•m ²
	B-axis	45 kg•m ²
	T-axis	15 kg•m ²
Ambient Conditions	Temperature	0 to 45°C
	Rel. Humidity	20 to 80% RH
	Vibration	0.5G or less
Others	<ul style="list-style-type: none"> • IP65 (wrist unit) • Free from excessive electrical noise. • Free from corrosive gas or liquid, or explosive gas. 	

★	Air duct connector	Signal connector
1	2x PT 3/8, tap	23x wires + PE
2	2x PT 3/8, tap	23x wires + PE



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a YASKAWA company

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