

Ostatní stroje > ostatní > Svařovací robot Motoman UP 20

Inv. číslo:	104698
Typ:	Svařovací robot Motoman UP 20
Parametry:	
Výrobce:	
Rok výroby/SO/GO:	2005/-/-
Lokalita:	Česká republika
Popis:	Svařovací robot Provozní hodiny: ani ne 200 typ YR-UE 20A00 rok výroby 11/2005 svařovací zdroj FRONIUS





5 Basic Specifications

5.1 Basic Specifications

Table 2: Basic Specifications¹⁾

Operation Mode		Vertically Articulated
Degree of Freedom		6
Payload		20kg
Repetitive Positioning Accuracy ²⁾		±0.06mm
Motion Range	S-Axis (turning)	±180°
	L-Axis (lower arm)	+155°/-110°
	U-Axis (upper arm)	+210°/-80°
	R-Axis (wrist roll)	±190°
	B-Axis (wrist pitch/yaw)	+230°/-50°
	T-Axis (wrist bend)	±360°
Maximum Speed	S-Axis	2.88 rad/s, 165°/s
	L-Axis	2.88 rad/s, 165°/s
	U-Axis	2.88 rad/s, 165°/s
	R-Axis	5.85 rad/s, 335°/s
	B-Axis	5.85 rad/s, 335°/s
	T-Axis	8.90 rad/s, 510°/s
Allowable Moment ³⁾	R-Axis	31.4Nm
	B-Axis	31.4Nm
	T-Axis	15.7Nm
Allowable Inertia	R-Axis	0.7kgm ²
	B-Axis	0.7kgm ²
	T-Axis	0.2kgm ²
Mass		280kg
Ambient Conditions ⁴⁾	Temperature	0° to 45°C
	Humidity	20 to 80% RH (non-condensing)
	Vibration	Less than 4.5m/s ² (0.5G)
	Others	• Free from corrosive gasses or liquids, or explosive gasses • Clean and dry • Free from excessive electrical noise (plasma)
Power Capacity		2.8kVA

¹⁾ SI units are used in this table.

²⁾ Conformed to ISO9283

³⁾ Refer to "6.1 Allowable Wrist Load" for details on the permissible moment of inertia.

⁴⁾ Conformed to IP54 for the main part of the manipulator (only floor-mounted type). Conformed to IP67 for the wrist part (IP65 for the main part is optional.)

5 Basic Specifications

5.1 Basic Specifications

Table 2 Basic Specifications^{*1}

Operation Mode		Vertically Articulated
Degree of Freedom		6
Payload		20kg
Repetitive Positioning Accuracy ^{*2}		±0.08mm
Motion Range	S-Axis (turning)	±180°
	L-Axis (lower arm)	+155°, -110°
	U-Axis (upper arm)	+210°, -80°
	R-Axis (wrist roll)	±190°
	B-Axis (wrist pitch/yaw)	+230°, -50°
	T-Axis (wrist twist)	±360°
Maximum Speed	S-Axis	2.86 rad/s, 165°/s
	L-Axis	2.88 rad/s, 165°/s
	U-Axis	2.88 rad/s, 165°/s
	R-Axis	5.85 rad/s, 335°/s
	B-Axis	5.85 rad/s, 335°/s
	T-Axis	8.90 rad/s, 510°/s
Allowable Moment ^{*3}	R-Axis	31.4Nm
	B-Axis	31.4Nm
	T-Axis	15.7Nm
Allowable Inertia	R-Axis	0.7kg·m ²
	B-Axis	0.7kg·m ²
	T-Axis	0.2kg·m ²
Mass		280kg
Ambient Conditions ^{*4}	Temperature	0° to 45C°
	Humidity	20 to 80% RH (non-condensing)
	Vibration	Less than 4.9m/s ² (0.5G)
	Others	• Free from corrosive gasses or liquids, or explosive gasses • Clean and dry • Free from excessive electrical noise (plasma)
Power Capacity		2.8kVA

^{*1} SI units are used in this table.

^{*2} Conformed to ISO8283

^{*3} Refer to "6.1 Allowable Wrist Load" for details on the permissible moment of inertia.

^{*4} Conformed to IP54 for the main part of the manipulator (only floor-mounted type). Conformed to IP67 for the wrist part (IP65 for the main part is optional.)

5.4 Dimensions and Working Range

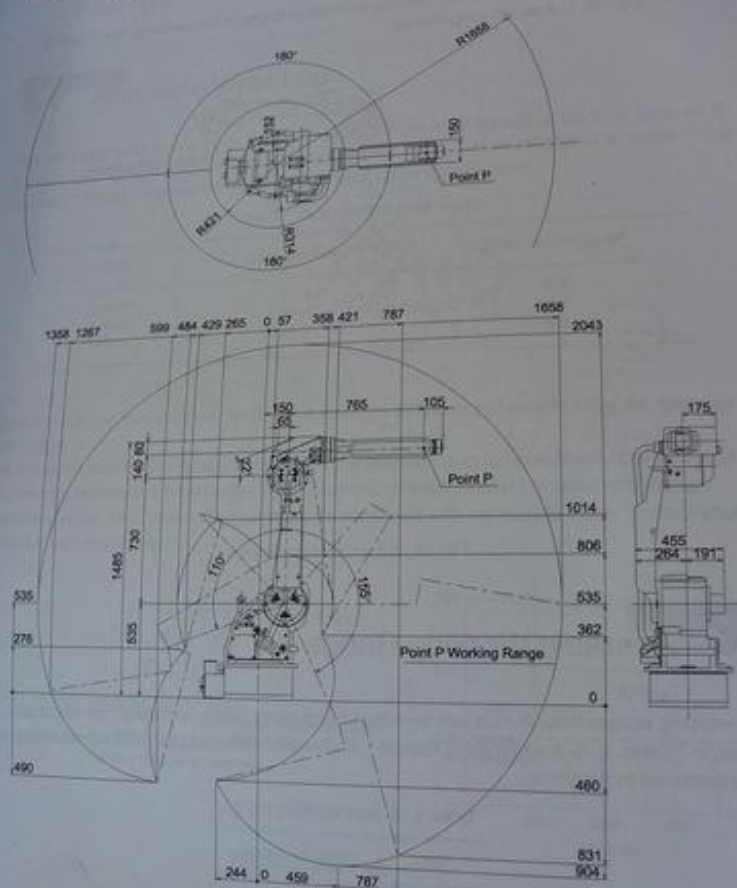


Fig. 12 Dimensions and Working Range