

ER10-1600

ER10-1600,
Maxium payload 10 kg with maxium reach 1640 mm.

- Highlights**
A comprehensive arc welding application software can be integrated to meet the requirements of automatic welding in various scenarios;
Thanks to the high stiffness transmission design and advanced trajectory algorithm, the improved robot accuracy performance helps customers to face variety of application scenarios.
- Applications**
It can be used in handling, machine tending, arc welding, etc.
- Industries**
Suitable for plastic, metal parts and other industries.



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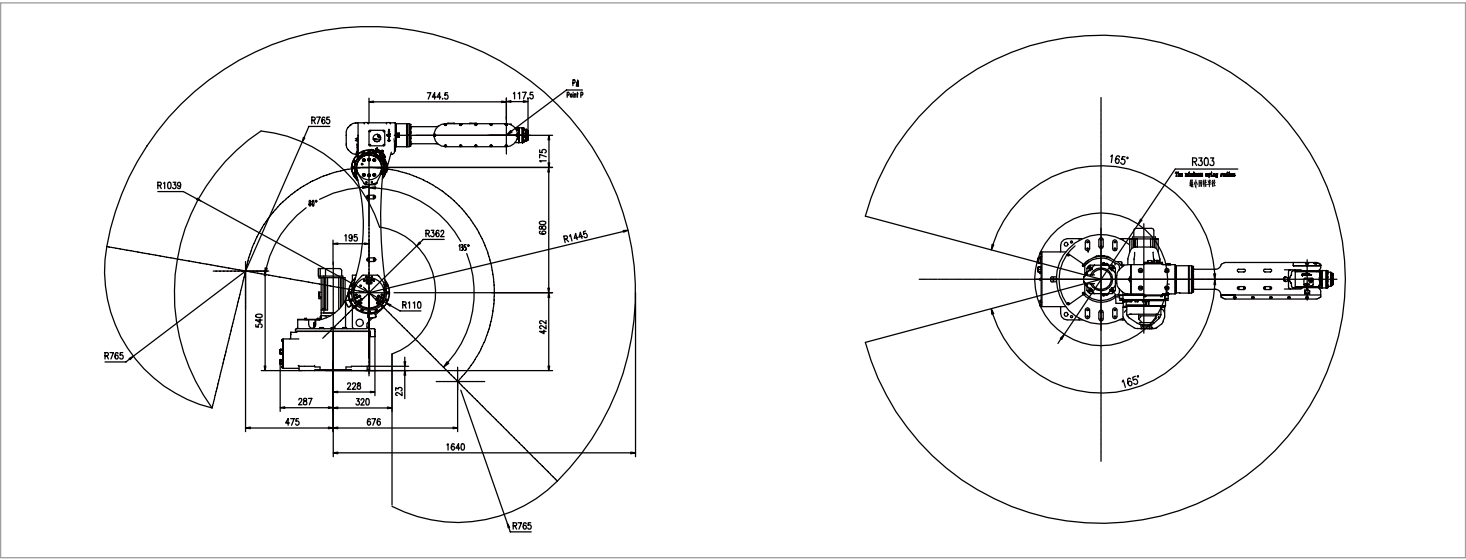
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SPECIFICATIONS

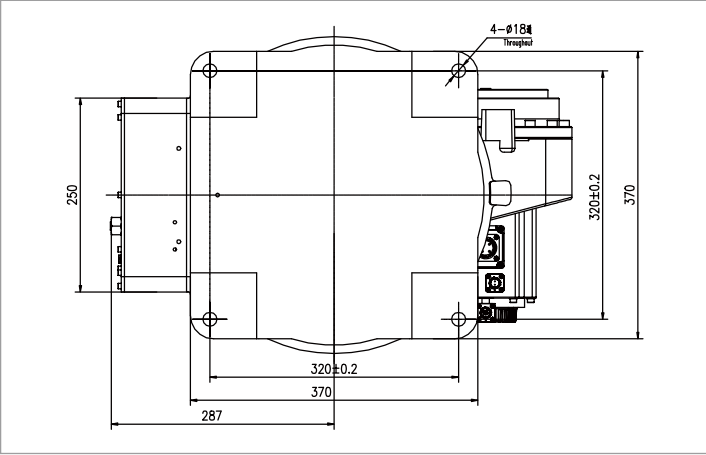
Model		ER10-1600
Type		Articulated
Controlled axes		6 Axes
Max. payload on wrist		10 kg
Repeatability		±0.05 mm
Robot weight		185 kg
Reach		1640 mm
Robot IP grade		IP54 / IP67 (Wrist)
Cabinet IP grade		IP54
Drive mode		AC servo drive
Installation		Floor, Upside-down, Wall, Angle
Installation enviroment	Ambient temperature	0~45 °C
	Ambient humidity	RH≤80% (No dew nor frost allowed)
	Vibration acceleration	4.9 m/s ² (<0.5 G)

Allowable load moment at wrist	J4	20 N•m
	J5	20 N•m
	J6	10 N•m
Allowable load inertia at wrist	J4	0.625 kg•m ²
	J5	0.625 kg•m ²
	J6	0.2 kg•m ²
Maximum speed	J1	170°/sec
	J2	160°/sec
	J3	180°/sec
	J4	330°/sec
	J5	360°/sec
	J6	600°/sec
Motion range	J1	±165°
	J2	+80°/-135°
	J3	+163°/-75°
	J4	±180°
	J5	±130°
	J6	±360°

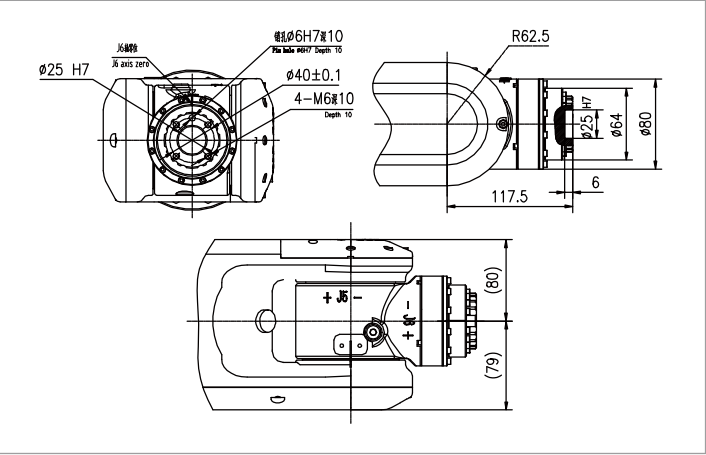
OPERATING SPACE



BASE MOUNTING SIZE



END FLANGE MOUNTING SIZE



*The final interpretation right belongs to EFORT Intelligent Robot Co., Ltd. Any updates will be made without prior notice. Information Release Time 2025/04