ER180-4-3200



ER180-4-3200,

Maxium payload 180 kg with maxium reach 3160 mm.

■ Highlights

Thanks to the excellent stiffness of the robot with sufficient arm span and high-speed intelligent palletization process package, the takt is improved by 15%, bring customers more efficiency;

Multiple specific application software could be integrated, with soft PLC and a variety of field bus interface, which enable customers easily face various application challenges;

High performance collision detection function helps safety realization.

Applications

It can be used in handling operations, palletizing, etc.

Industries

Suitable for metal parts, photovoltaic, logistics, cement, food and beverage, and other industries.



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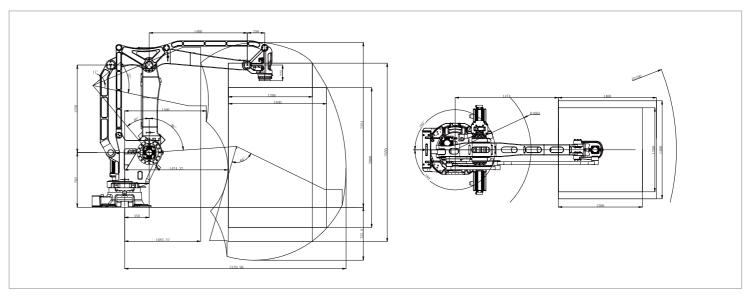
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SPECIFICATIONS

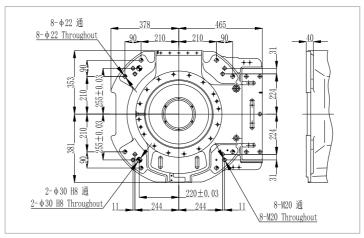
Model		ER180-4-3200
Туре		Articulated
Controlled axes		4 Axes
Max. payload on wrist		180 kg
Repeatability		±0.1 mm
Robot weight		1350 kg
Reach		3160 mm
Robot IP grade		IP54/ IP65 (Optional)
Cabinet IP grade		IP54
Installation enviroment	Ambient temperature	0~45 °C
	Ambient humidity	RH≤80% (No dew nor frost allowed)
	Vibration acceleration	4.9 m/s ² (<0.5 G)

Drive mode		AC servo drive
Installation		Floor
Allowable load moment at wrist	J 4	190 N·m
Allowable load inertia at wrist	J 4	56.6 kg·m²
Maximum speed	J1	104°/sec
	J2	104°/sec
	J3	104°/sec
	J 4	210°/sec
	J1	±180°
	J2	+40°/-86°
Motion range	J3	+60°/-52°
	J 4	±360°
	J2+J3	-106°<(J2+J3)<+23°

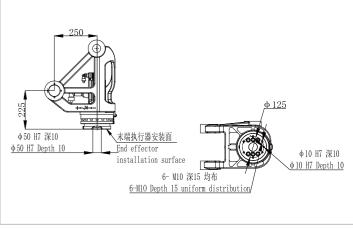
OPERATING SPACE



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.