# ER180-4-3200

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# 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;

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High performance collision detection function helps safety realization.

#### Applications

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

### Industries

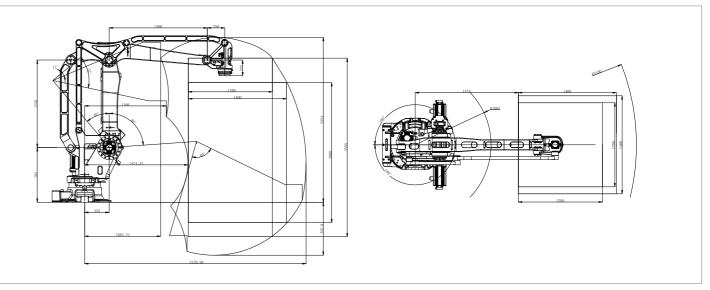
Suitable for metal parts, photovoltaic, logistics, cement, food and beverage, and other industries.

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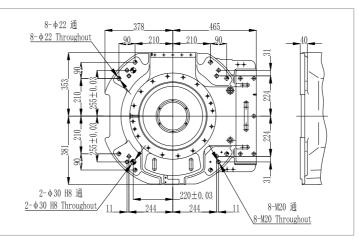
# SPECIFICATIONS

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

# **OPERATING SPACE**



### BASE MOUNTING SIZE



\*The final interpretation right belongs to EFORT Intelligent Robot Co., Ltd. Any updates will be made without prior notice.

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Drive mode		AC servo drive
		Floor
Allowable load noment at wrist	J 4	190 N•m
Allowable load inertia at wrist	J 4	56.6 kg•m²
Maximum speed	J1	104°/sec
	J 2	104°/sec
	J3	104°/sec
	J 4	210°/sec
	J1	±180°
	J 2	+40°/-86°
Motion range	J3	+60°/-52°
	J 4	±360°
	J2+J3	-106°<(J2+J3)<+23°

