

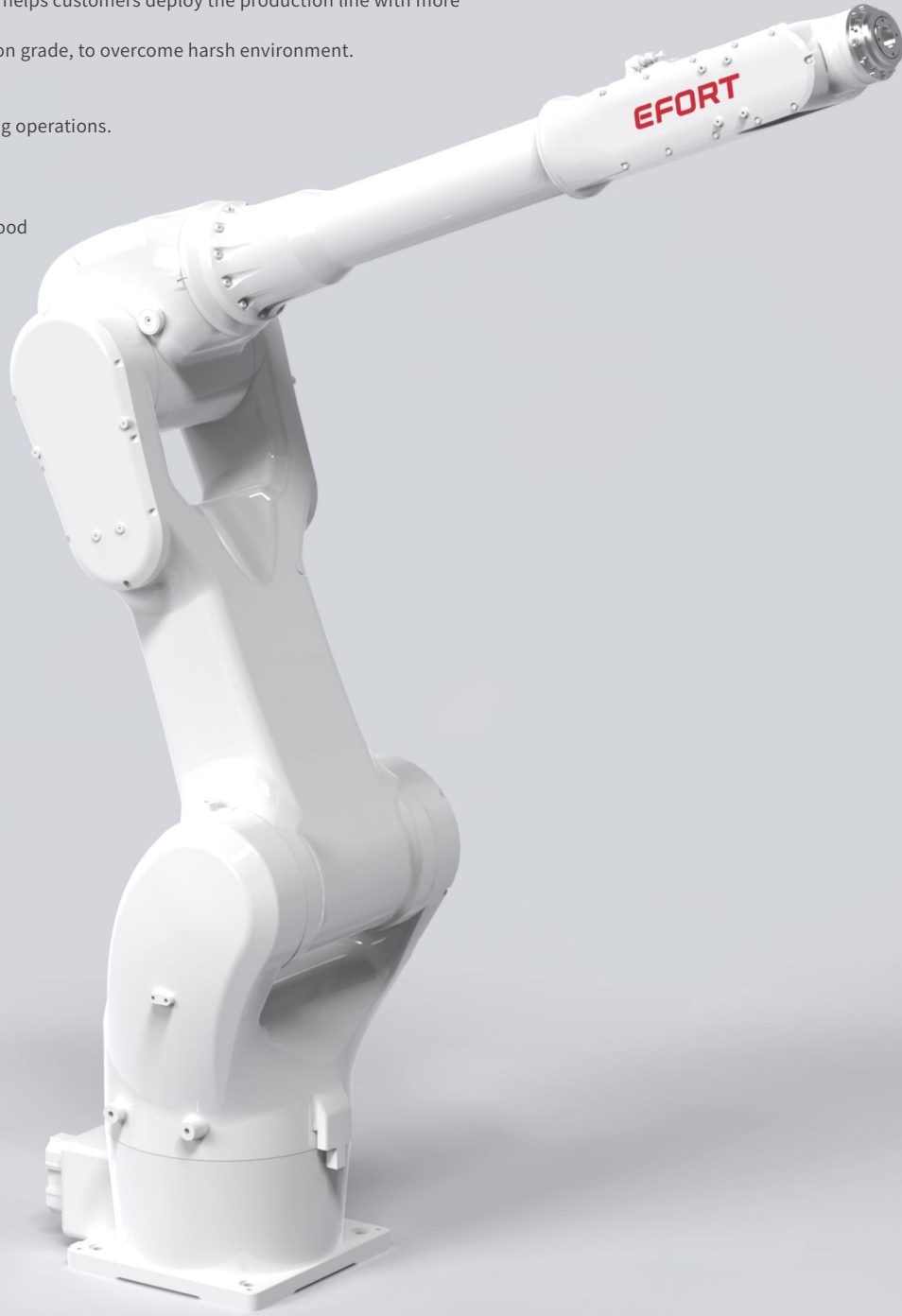
**ER25-2300,
Maxium payload 25 kg with maxium reach 2295 mm.**

Thanks to the optimization of stiffness and inertia brought by the new mechanical design, with advanced trajectory algorithm. The takt improved by 20%-30%; Compact cabinet design helps customers deploy the production line with more flexibility;

IP67 wrist, high protection grade, to overcome harsh environment.

- It can be used in handling operations.

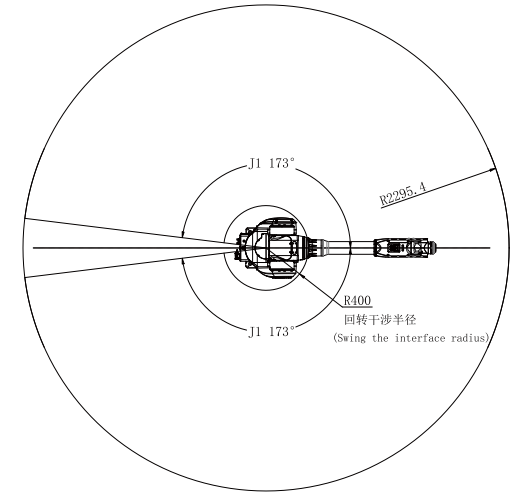
- Suitable for metal parts, photovoltaic, logistics, food and beverage and other industries



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Model		ER25-2300
Type		Articulated
Controlled axes		6 Axes
Max. payload on wrist		25 kg
Repeatability		±0.05 mm
Robot weight		315 kg
Reach		2295 mm
Robot IP grade		IP54/IP67 (Wrist)
Cabinet IP grade		IP20/IP54 (optional)
Drive mode		AC servo drive
Installation		Floor, Upside-down, Wall
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	50 N·m
	J5	50 N·m
	J6	30 N·m
Allowable load inertia at wrist	J4	2.2 kg·m ²
	J5	2.2 kg·m ²
	J6	1.5 kg·m ²
Maximum speed	J1	190°/sec
	J2	190°/sec
	J3	200°/sec
	J4	350°/sec
	J5	360°/sec
	J6	410°/sec
Motion range	J1	±173°
	J2	+105°/-141°
	J3	+200°/-78°
	J4	±190°
	J5	±130°
	J6	±360°



4-M12通
吊装螺纹孔
(Lifting threaded holes)

Base mounting size
底座安装尺寸

Φ32 沉孔 深3
Depth 3
沉头孔
(Counter-bore hole)

4-Φ18通
Throughout

2-Φ10 H7₀^{0.0150}通
Throughout
(Pins hole)

30

300 ± 0.1
338 ± 0.1
175 ± 0.03
140 ± 0.03
280 ± 0.04
300 ± 0.1

Technical drawing of a mechanical part, likely a bearing housing, showing front and side views with dimensions.

Front View Dimensions:

- Top outer diameter: $\Phi 6 \text{ H7}^{+0.0120}_0$ 深7
- Top inner diameter: $\Phi 50 \pm 0.1$
- Top hole diameter: 4-M6 深7 均布
- Top hole depth: 深7 EQS
- Top hole diameter: $\Phi 60$
- Top hole diameter: $\Phi 80$
- Top hole diameter: $\Phi 31.5 \text{ H7}^{+0.0300}_0$
- Top hole diameter: $\Phi 11.5$
- Top hole diameter: $\Phi 25$
- Top hole diameter: $\Phi 141$
- Top hole diameter: $\Phi 87$
- Top hole diameter: $\Phi 87.2$
- Top hole diameter: $\Phi 125$
- Top hole diameter: $\Phi 45^\circ$

Side View Dimensions:

- Top outer diameter: $\Phi 60$
- Top outer diameter: $\Phi 80$
- Top outer diameter: $\Phi 31.5 \text{ H7}^{+0.0300}_0$
- Top outer diameter: $\Phi 11.5$
- Top outer diameter: $\Phi 25$
- Top outer diameter: $\Phi 141$
- Top outer diameter: $\Phi 87$
- Top outer diameter: $\Phi 87.2$
- Top outer diameter: $\Phi 125$
- Top outer diameter: $\Phi 45^\circ$

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