

ER50-2100-II

ER50-2100-II,
Maxium payload 50 kg with maxium reach 2115 mm.

- **Highlights**
Thanks to the high stiffness structure, with high-speed intelligent palletizing application software, the takt is improved by 20%, 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, auto parts, logistics, ceramics, cement, food and beverage and other industries.



EFORT Intelligent Robot Co., Ltd.
PHONE: (00 86) 400-052-8877
ADDRESS: No. 96, Wanchun East Road, Wuhu, China
(Anhui) Pilot Free Trade Zone
WWW.EFORT.COM.CN

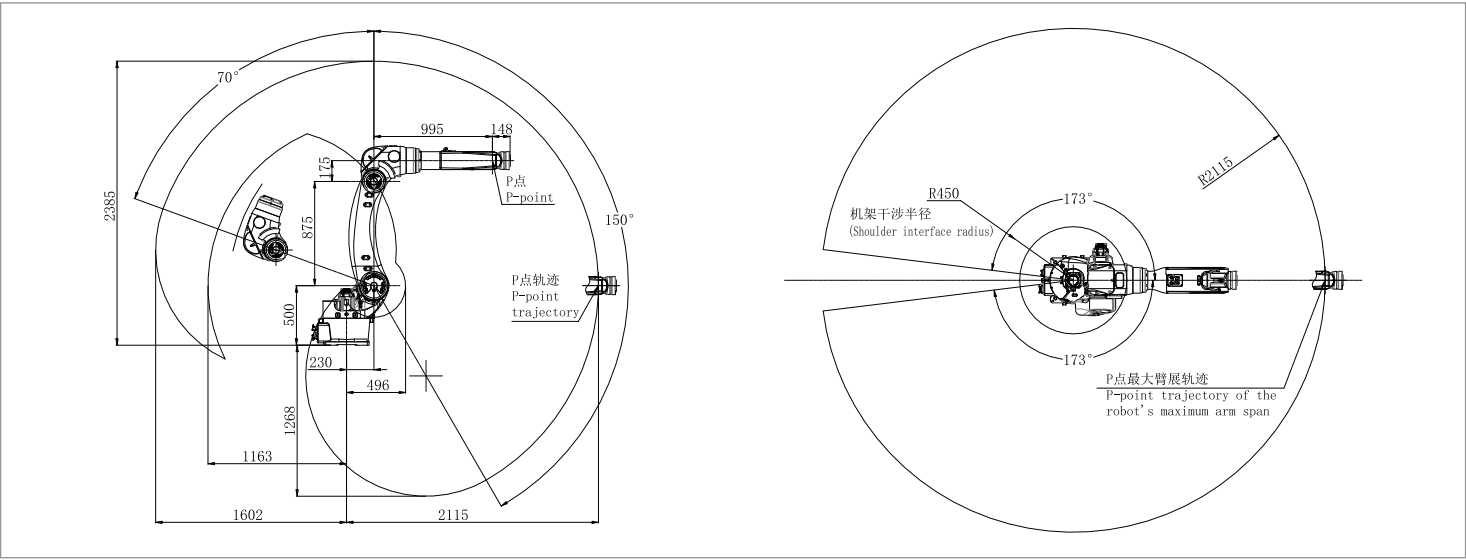
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SPECIFICATIONS

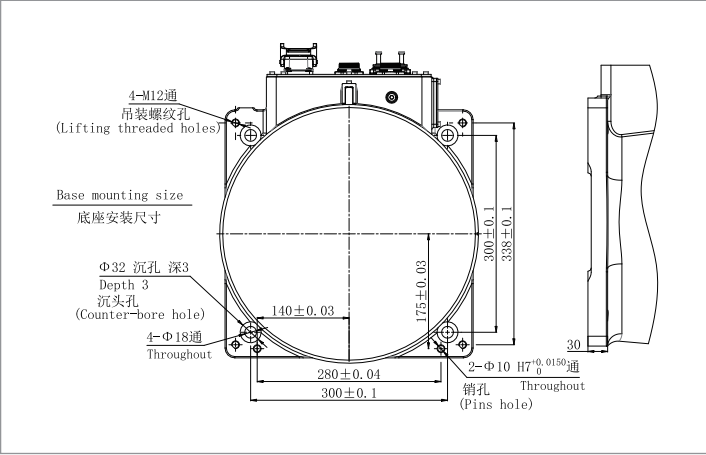
Model		ER50-2100-II
Type		Articulated
Controlled axes		6 Axes
Max. payload on wrist		50 kg
Repeatability		±0.05 mm
Robot weight		395 kg
Reach		2115 mm
Robot IP grade		IP54
Cabinet IP grade		IP20/ IP54 (Optional)
Drive mode		AC servo drive
Installation		Floor, Upside-down
Installation enviroment	Ambient 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	185 N·m
	J5	185 N·m
	J6	120 N·m
Allowable load inertia at wrist	J4	13 kg·m ²
	J5	13 kg·m ²
	J6	10 kg·m ²
Maximum speed	J1	190°/sec
	J2	160°/sec
	J3	180°/sec
	J4	300°/sec
	J5	270°/sec
	J6	400°/sec
Motion range	J1	±173°
	J2	+70°-150°
	J3	+165°-86°
	J4	±190°
	J5	±120°
	J6	±360°

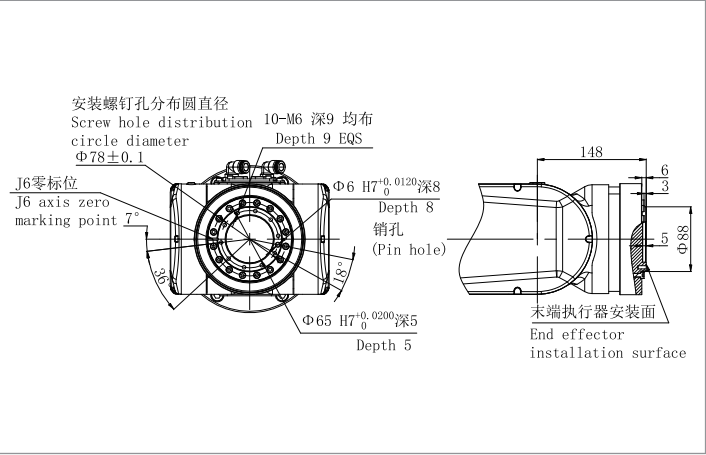
OPERATING SPACE



BASE MOUNTING SIZE



END FLANGE MOUNTING SIZE



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