

**ER25P-2700,
Maxium payload 25 kg with maxium reach 2701 mm.**

This is a new medium-payload downward-reaching platform robot with a highly rigid body structure. Combined with advanced algorithms, it ensures higher precision and more stable high-speed operation; With greater downward-reaching depth and arm reach, the robot can stably work in narrow spaces such as injection molding machines; It features a smaller footprint and more flexible layout, enabling flexible access inside equipment to complete part picking and cleaning tasks.

It can be applied to elevated platform scenarios, such as die casting and injection molding.

Suitable for metal parts, auto parts and other industries.



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

Model		ER25P-2700
Type		Articulated
Controlled axes		6 Axes
Max. payload on wrist		25 kg
Repeatability		±0.05 mm
Robot weight		375 kg
Reach		2701 mm
Robot IP grade		IP54 / IP67 (Wrist)
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	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	150°/sec
	J3	200°/sec
	J4	400°/sec
	J5	400°/sec
	J6	440°/sec
Motion range	J1	±173°
	J2	+70°-150°
	J3	+147°/-90°
	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 H7/0通
Throughout
(Pins hole)

300±0.1
338±0.1
300±0.03
175±0.03
140±0.03
280±0.04
300±0.1
30

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