

ER35P-2700

ER35P-2700,
Maxium payload 35 kg with maxium reach 2711 mm.

■ Highlights

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.

■ Applications

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

■ Industries

Suitable for metal parts, auto parts and other industries.



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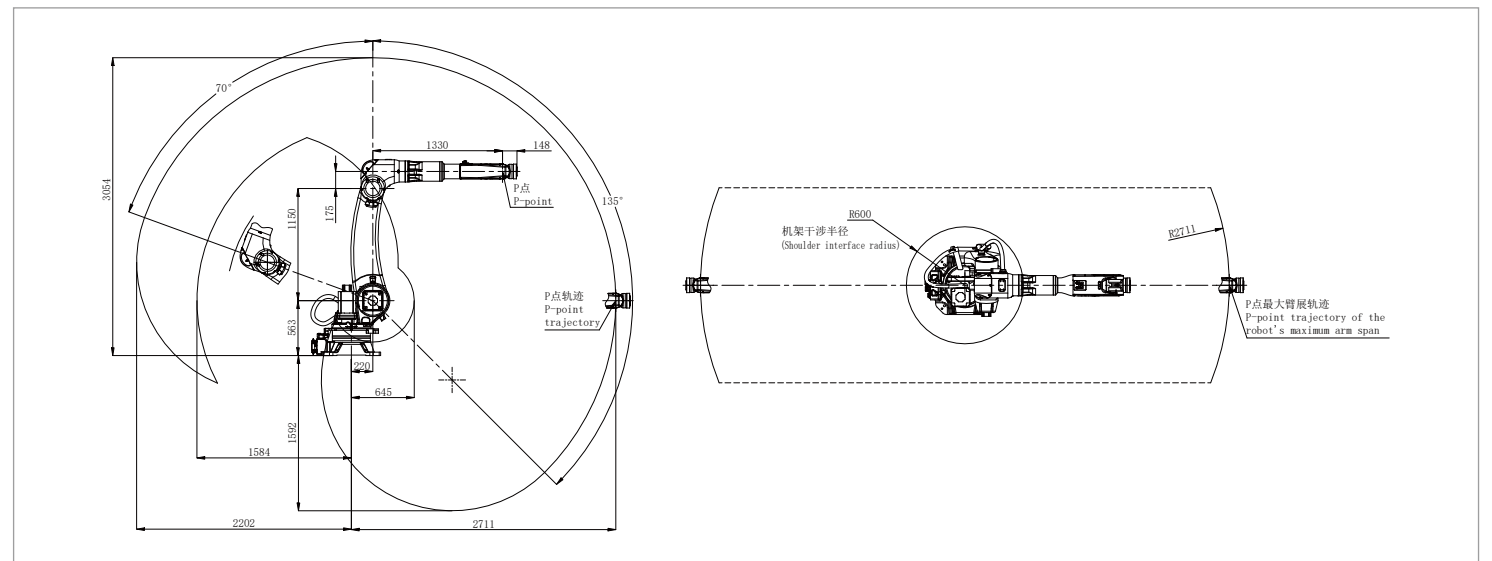
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SPECIFICATIONS

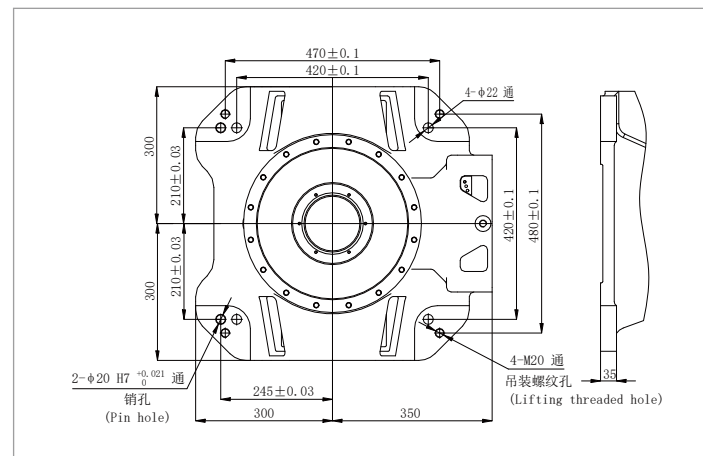
Model		ER35P-2700
Type		Articulated
Controlled axes		6 Axes
Max. payload on wrist		35 kg
Repeatability		±0.05 mm
Robot weight		585 kg
Reach		2711 mm
Robot IP grade		IP54 / IP67 (Wrist)
Cabinet IP grade		IP54
Drive mode		AC servo drive
Installation		Floor
Installation enviroment	Ambient temperature	0~45 °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	110 N·m
	J5	110 N·m
	J6	60 N·m
Allowable load inertia at wrist	J4	4 kg·m ²
	J5	4 kg·m ²
	J6	2 kg·m ²
Maximum speed	J1	190°/sec
	J2	160°/sec
	J3	190°/sec
	J4	300°/sec
	J5	350°/sec
	J6	410°/sec
Motion range	J1	±180°
	J2	+70°/-155°
	J3	+170°/-75°
	J4	±200°
	J5	±130°
	J6	±360°

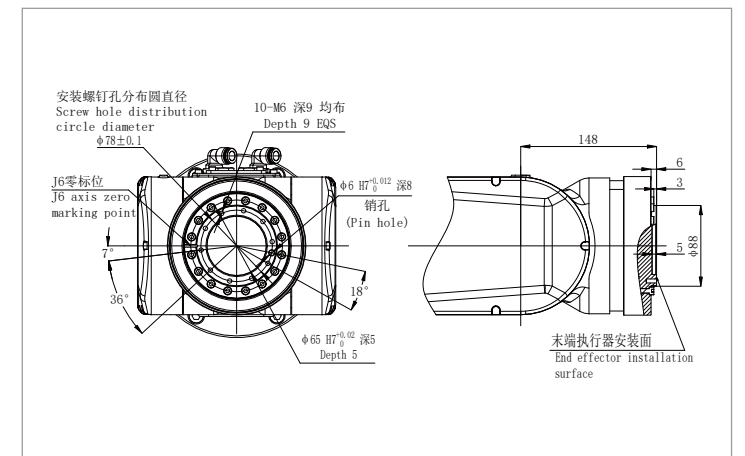
OPERATING SPACE



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.

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