

ER35-1900

EFORT

ER35-1900,
Maxium payload 35 kg with maxium reach 1875 mm.

Highlights

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.

Applications

It can be used in handling operations.

Industries

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

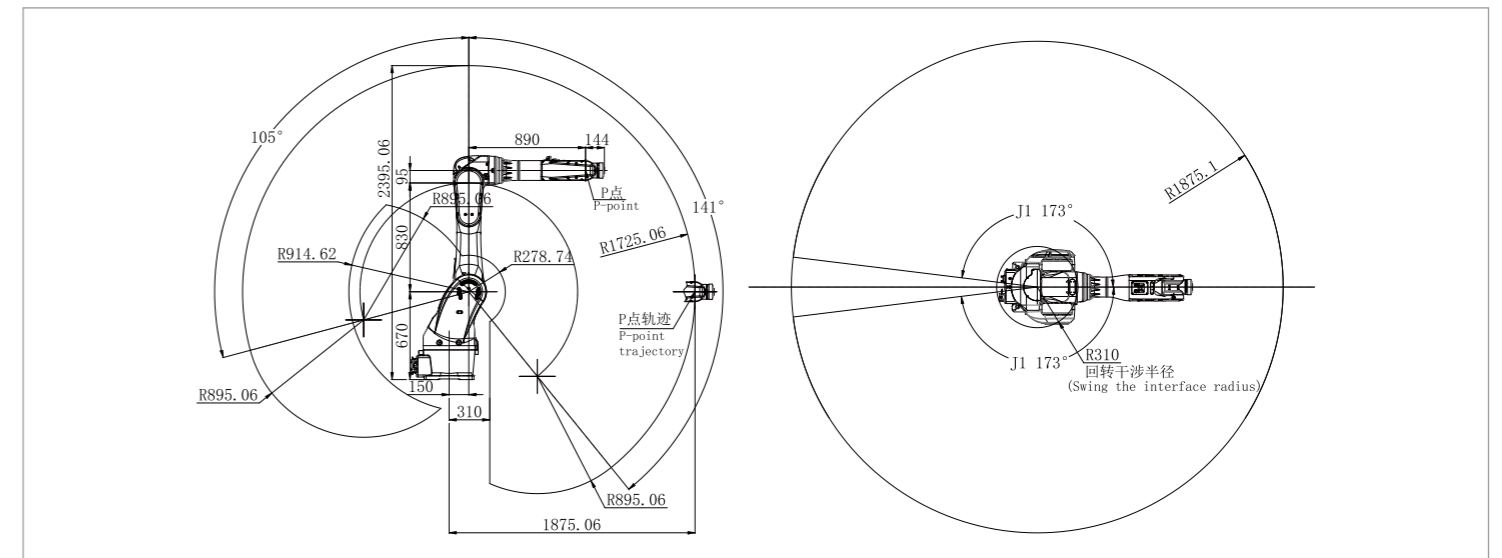


SPECIFICATIONS

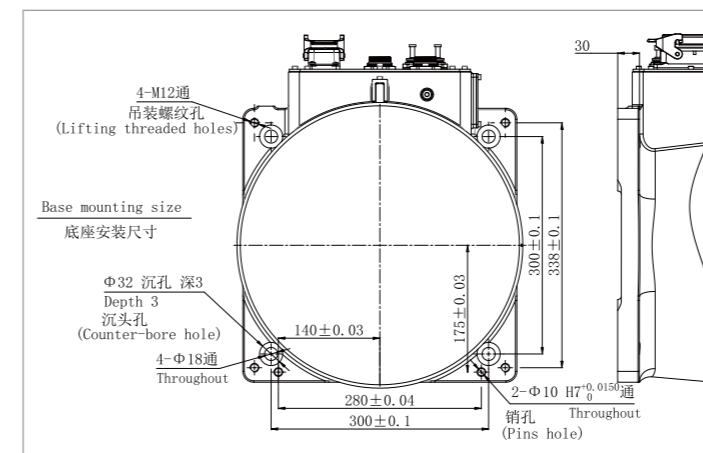
Model	ER35-1900	
Type	Articulated	
Controlled axes	6 Axes	
Max. payload on wrist	35 kg	
Repeatability	±0.03 mm	
Robot weight	275 kg	
Reach	1875 mm	
Robot IP grade	IP54/IP67 (Wrist)	
Cabinet IP grade	IP20/ IP54 (Optional)	
Drive mode	AC servo drive	
Installation	Floor, Upside-down	
Installation enviroment	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	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	190°/sec
	J3	200°/sec
	J4	350°/sec
	J5	350°/sec
	J6	400°/sec
Motion range	J1	±173°
	J2	+105°/-141°
	J3	+200°/-78°
	J4	±190°
	J5	±130°
	J6	±360°

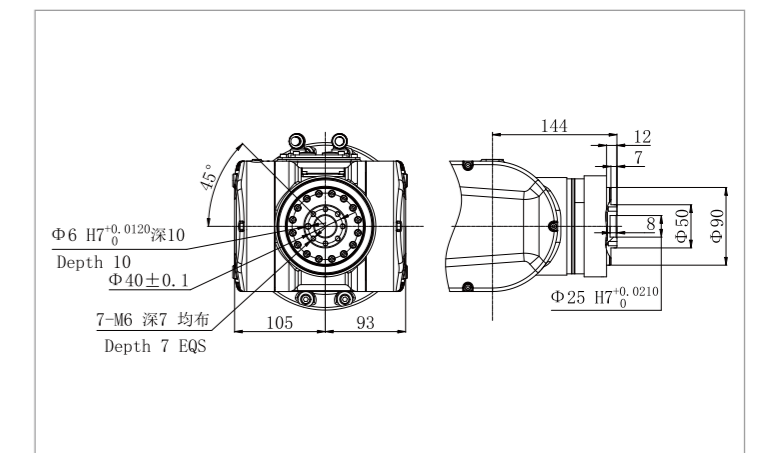
OPERATING SPACE



BASE MOUNTING SIZE



END FLANGE MOUNTING SIZE



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

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