

ER70-1900

EFORT

ER70-1900,
Maximum payload 70 kg with maximum reach 1901 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 grinding, polishing, handling operations, palletizing, etc.

Industries

Suitable for auto parts, photovoltaic, food and beverage, building materials, logistics and warehousing and other industries.

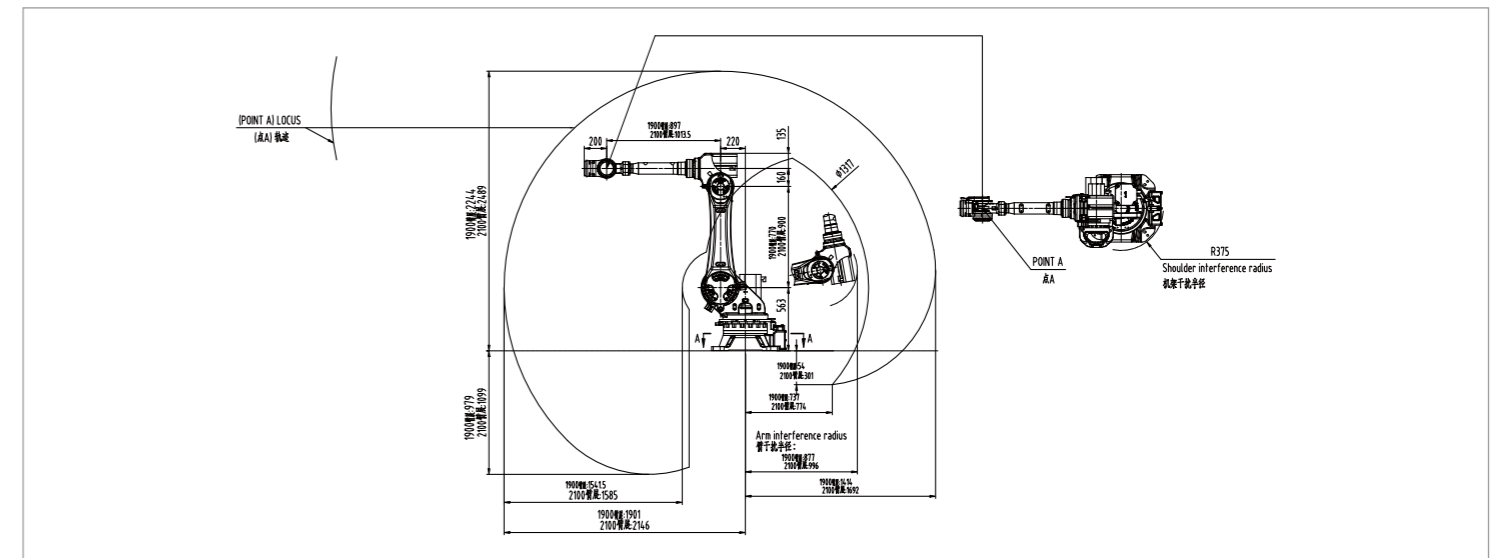


SPECIFICATIONS

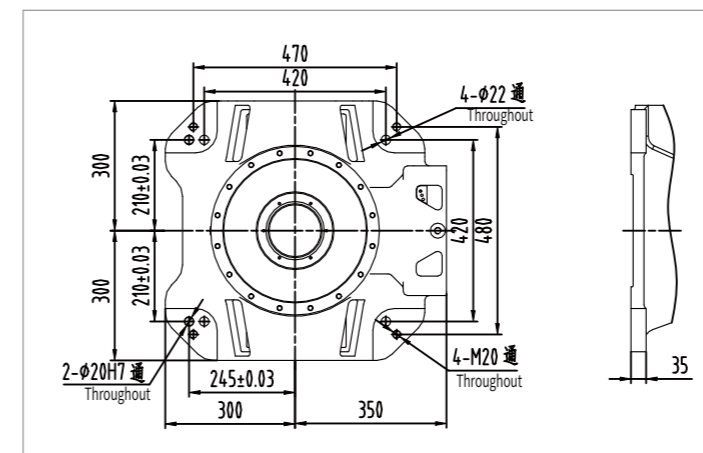
Model	ER70-1900	
Type	Articulated	
Controlled axes	6 Axes	
Max. payload on wrist	70 kg	
Repeatability	±0.06 mm	
Robot weight	545 kg	
Reach	1901 mm	
Robot IP grade	IP54/IP67 (Wrist)	
Cabinet IP grade	IP54	
Drive mode	AC servo drive	
Installation	Floor	
Installation environment	Ambient temperature	0~45 °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	182 N·m
	J5	182 N·m
	J6	120 N·m
Allowable load inertia at wrist	J4	12.68 kg·m ²
	J5	12.68 kg·m ²
	J6	10 kg·m ²
Maximum speed	J1	210°/sec
	J2	160°/sec
	J3	190°/sec
	J4	310°/sec
	J5	270°/sec
	J6	400°/sec
Motion range	J1	±180°
	J2	+70°-130°
	J3	+175°-80°
	J4	±360°
	J5	±115°
	J6	±450°

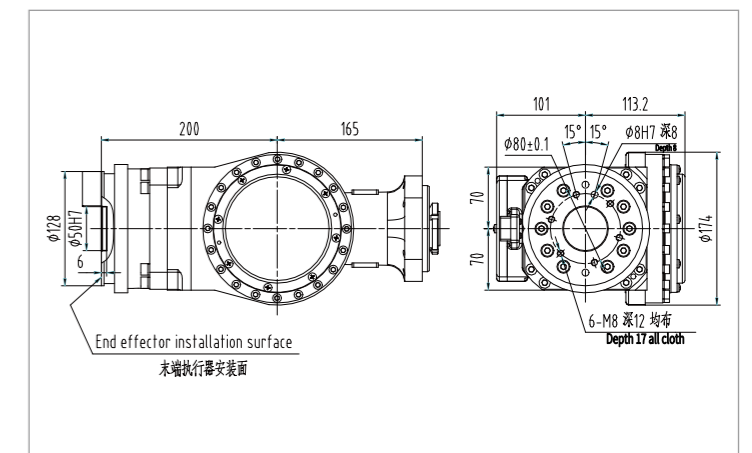
OPERATING SPACE



BASE MOUNTING SIZE



END FLANGE MOUNTING SIZE



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