

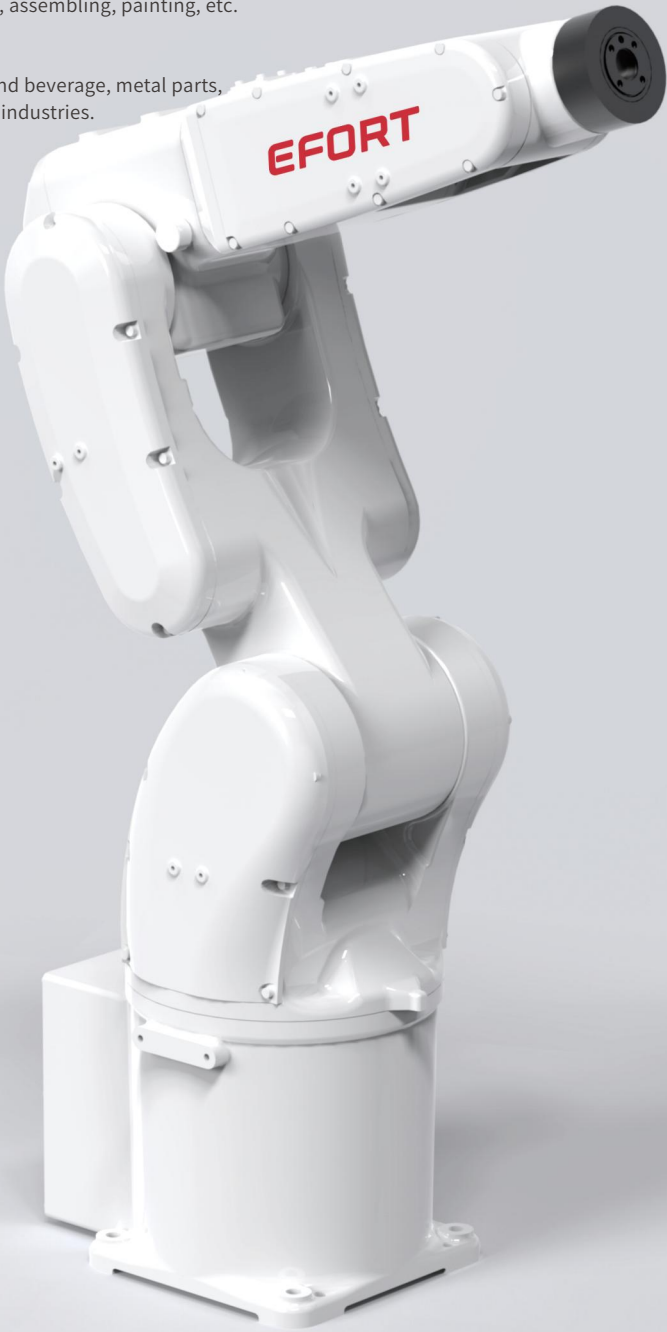
ER7-700

ER7-700,
Maxium payload 7 kg with maxium reach 713 mm.

■ **Highlights**
High protection level IP65 of the robor body help customers easy to face dusty, oil misty, high humidity and other harsh environment;
Thanks to the high stiffness transmission design and advanced trajectory algorithm, the improved robot accuracy performance helps customers to face variety of application scenarios.

■ **Applications**
It can be used in handling operations, sorting, assembling, painting, etc.

■ **Industries**
Suitable for electronic manufacturing, food and beverage, metal parts, education, plastic, pharmaceutical and other industries.



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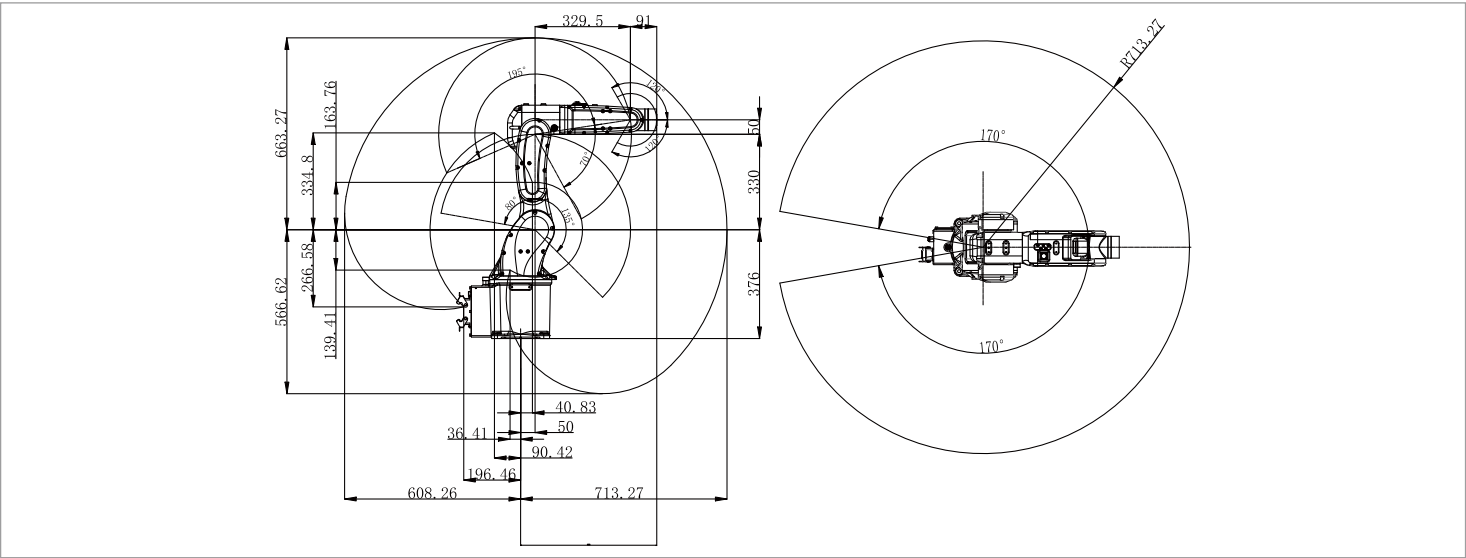
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SPECIFICATIONS

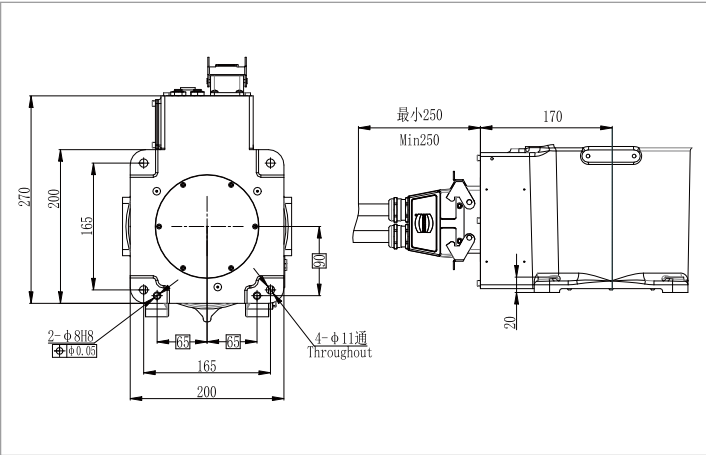
Model		ER7-700
Type		Articulated
Controlled axes		6 Axes
Max. payload on wrist		7 kg
Repeatability		±0.02 mm
Robot weight		36 kg
Reach		713 mm
Robot IP grade		IP65/IP67 (Wrist)
Cabinet IP grade		IP20
Drive mode		AC servo drive
Installation		Floor, Upside-down, Wall
Installation enviroment	Ambient temperature	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	16 N•m
	J5	16 N•m
	J6	9 N•m
Allowable load inertia at wrist	J4	0.45 kg•m ²
	J5	0.45 kg•m ²
	J6	0.14 kg•m ²
Maximum speed	J1	380°/sec
	J2	350°/sec
	J3	400°/sec
	J4	450°/sec
	J5	450°/sec
	J6	720°/sec
Motion range	J1	±170°
	J2	+80°-135°
	J3	+195°/-70°
	J4	±190°
	J5	±120°
	J6	±360°

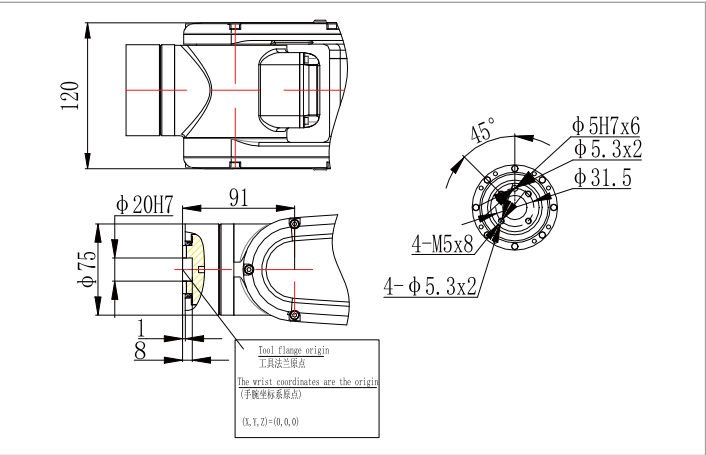
OPERATING SPACE



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.