

ER8-700H

ER8-700H,
Maxium payload 8 kg with maxium reach 712 mm.

■ Highlights

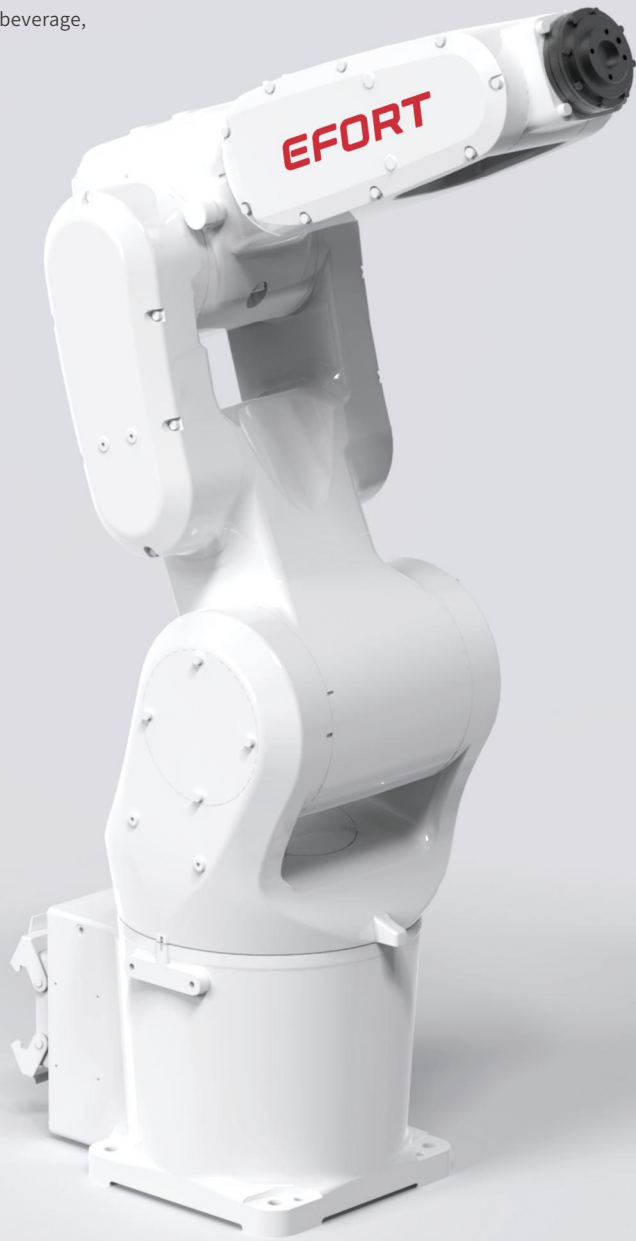
High protection level IP65 of the robot body help customers easy to face dusty, oil misty, high humidity and other harsh environment;
Thanks to the high stiffness transmission design and advanced trajectory algorithm, the improved robot accuracy performance helps customers to face variety of application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

■ Applications

It can be used for handling operations(machine tending), sorting, assembling, grinding, polishing, etc.

Industries

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



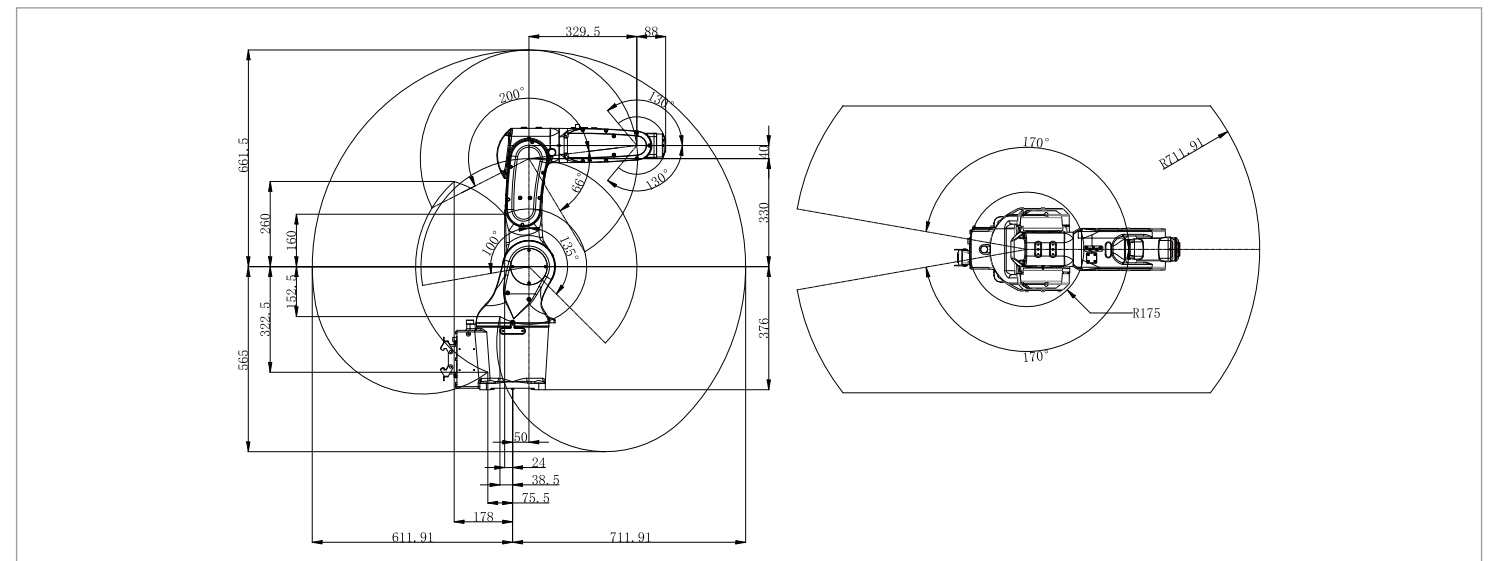
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SPECIFICATIONS

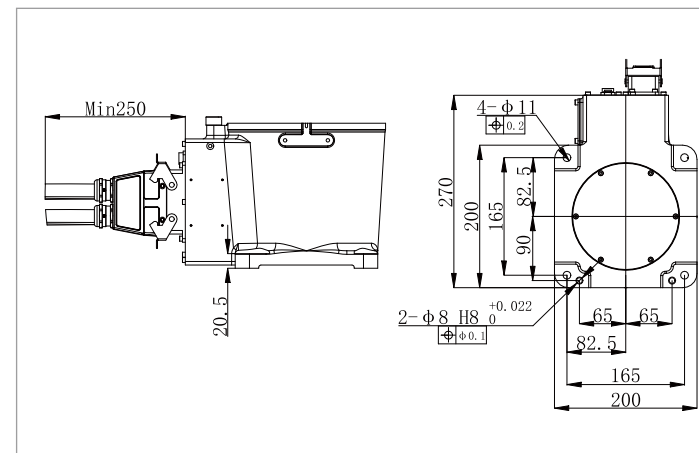
Model		ER8-700H
Type		Articulated
Controlled axes		6 Axes
Max. payload on wrist		8 kg
Repeatability		±0.02 mm
Robot weight		41 kg
Reach		712 mm
Robot IP grade		IP65
Cabinet IP grade		IP20/IP54 (Optional)
Drive mode		AC servo drive
Installation		Floor, Upside-down
Installation enviroment	Ambient temperature	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	16.6 N·m
	J5	16.6 N·m
	J6	9.4 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	330°/sec
	J3	420°/sec
	J4	500°/sec
	J5	450°/sec
	J6	720°/sec
Motion range	J1	±170°
	J2	+100°/-135°
	J3	+200°/-66°
	J4	±190°
	J5	±130°
	J6	±360°

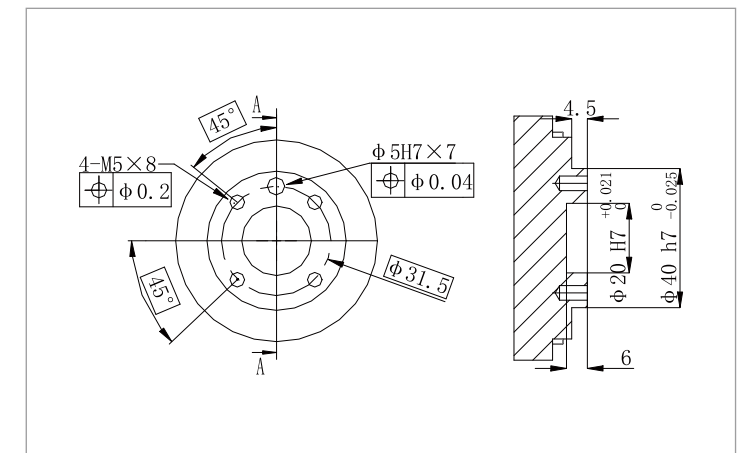
OPERATING SPACE



BASE MOUNTING SIZE



END FLANGE MOUNTING SIZE



EFORT Intelligent Robot Co., Ltd.

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

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