

# ER150-2700

**ER150-2700,**  
**Maxium payload 150 kg with maxium reach 2674 mm.**

## ■ Highlights

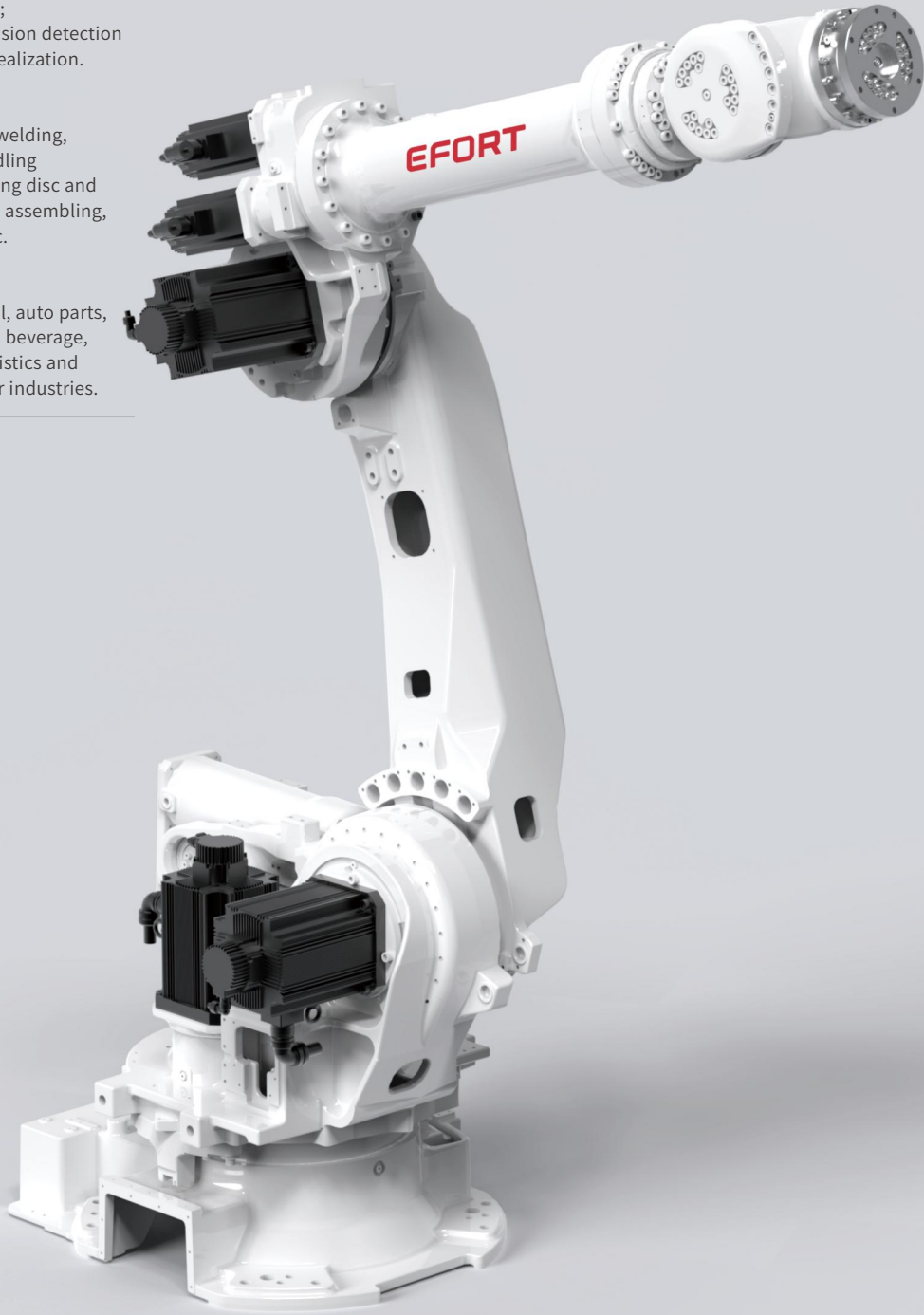
Thanks to the high stiffness structure, with high-speed intelligent palletizing application software, the takt is improved by 20%, bring customers more efficiency;  
Multiple specific application software could be integrated, with soft PLC and a variety of field bus interface, which enable customers easily face various application challenges;  
High performance collision detection function helps safety realization.

## ■ Applications

It can be used in Spot welding, SW-Stud welding, handling operations, cell changing disc and group disc, palletizing, assembling, grinding, polishing, etc.

## ■ Industries

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



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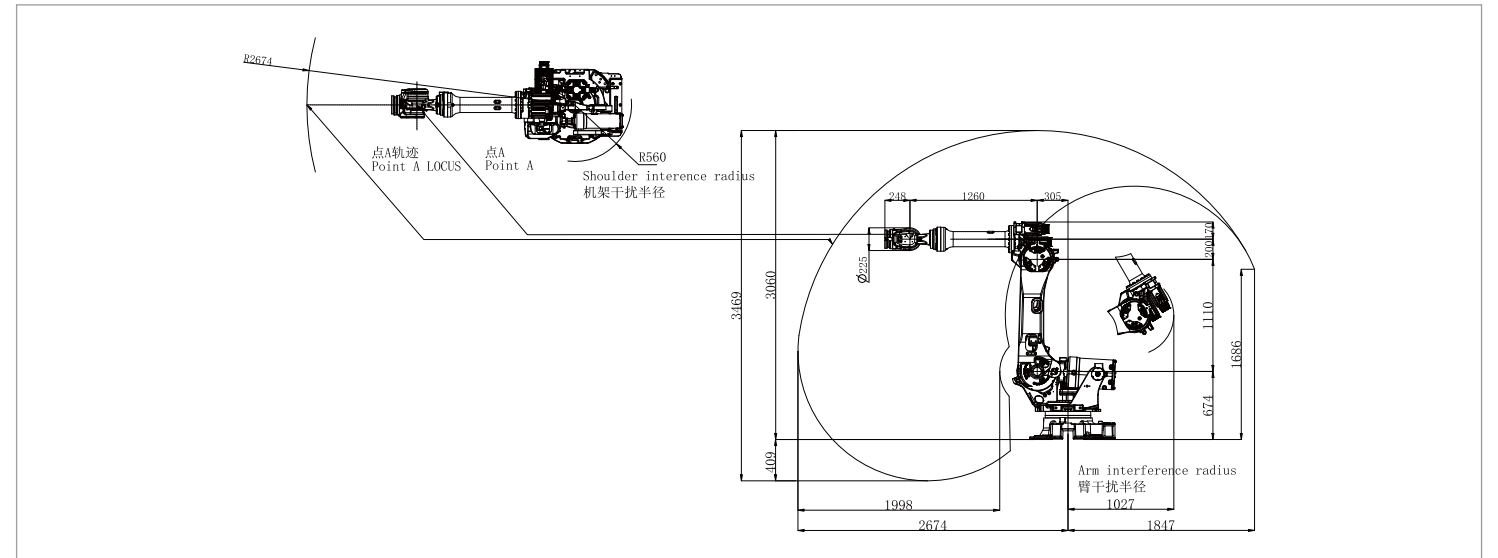
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## SPECIFICATIONS

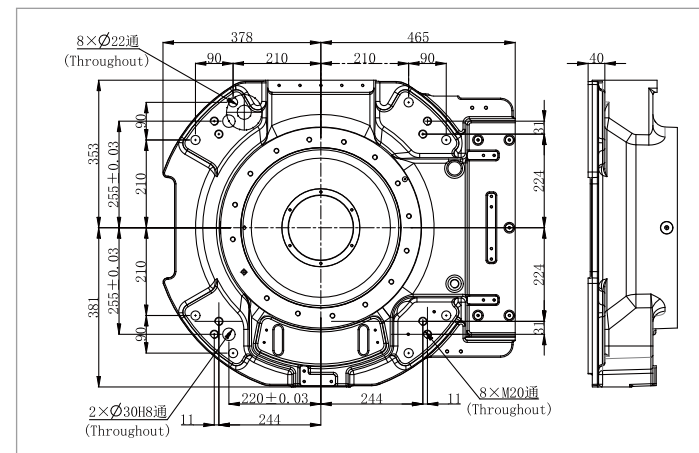
Model		ER150-2700
Type		Articulated
Controlled axes		6 Axes
Max. payload on wrist		150 kg
Repeatability		±0.1 mm
Robot weight		1110 kg
Reach		2674mm
Robot IP grade		IP65
Cabinet IP grade		IP54
Drive mode		AC servo drive
Installation		Floor
Installation enviroment	Ambient temperature	0~45 °C
	Ambient humidity	RH≤80% (No dew nor frost allowed)
	Vibration acceleration	4.9 m/s <sup>2</sup> (<0.5 G)

Allowable load moment at wrist	J4	1337 N·m
	J5	1337 N·m
	J6	720 N·m
Allowable load inertia at wrist	J4	141.1 kg·m <sup>2</sup>
	J5	141.1 kg·m <sup>2</sup>
	J6	79 kg·m <sup>2</sup>
Maximum speed	J1	110°/sec
	J2	100°/sec
	J3	105°/sec
	J4	120°/sec
	J5	110°/sec
	J6	220°/sec
Motion range	J1	±180°
	J2	+60°/-80°
	J3	+90°/-83°
	J4	±360°
	J5	±120°
	J6	±360°

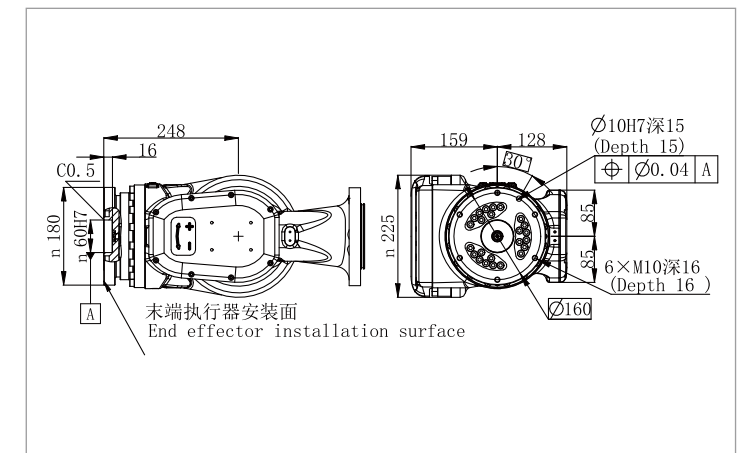
## OPERATING SPACE



### 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.

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