ER35-2700

EFORT

ER35-2700,
Maxium payload 35 kg with maxium reach 2711 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 handling operations, palletizing, etc.

- **Industries**
  Suitable for metal parts, photovoltaic, logistics, cement, food and beverage and other industries.

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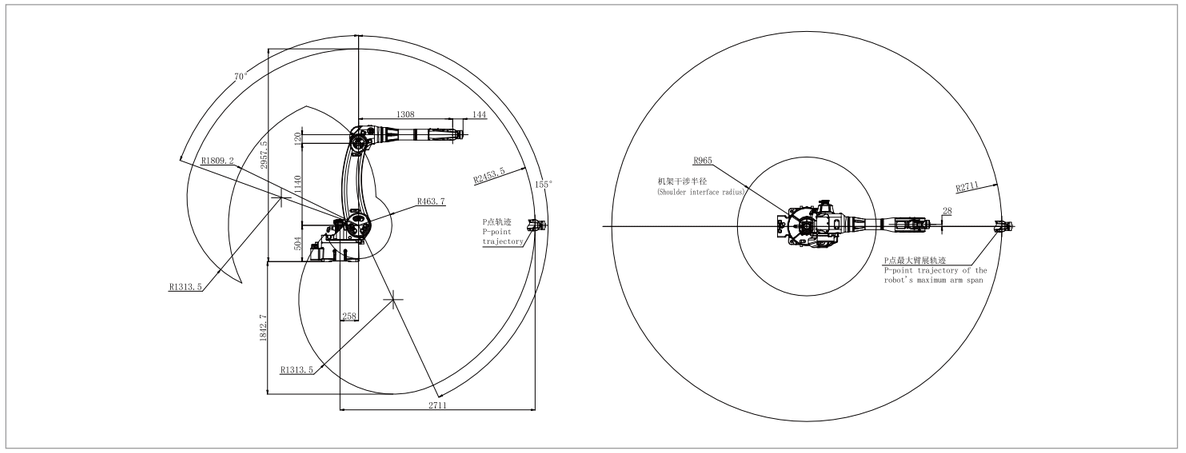
SPECIFICATIONS

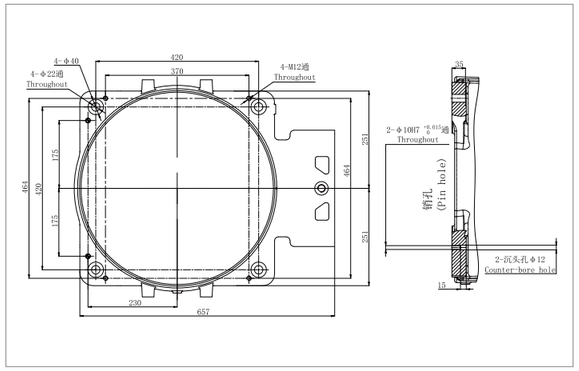
Model		ER35-2700
Type		Articulated
Controlled axes		6 Axes
Max. payload on wrist		35 kg
Repeatability		±0.05 mm
Robot weight		585 kg
Reach		2711 mm
Robot IP grade		IP54
Cabinet IP grade		IP54
Drive mode		AC servo drive
Installation		Floor
Installation enviroment	**Ambient temperature**	0~45 ℃
	Ambient 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	160°/sec
	J3	190°/sec
	J4	300°/sec
	J5	350°/sec
	J6	410°/sec
Motion range	**J1**	±180°
	J2	+70°/-155°
	J3	+170°/-75°
	J4	±200°
	J5	±130°
	J6	±360°

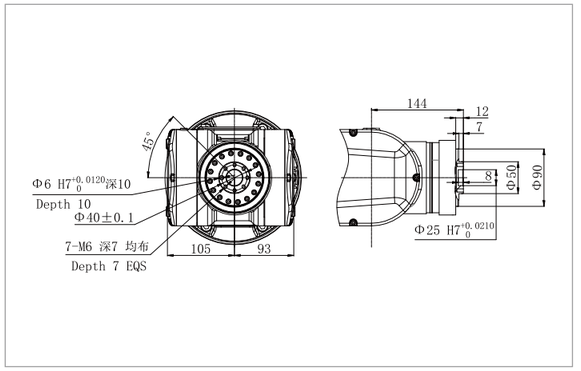
OPERATING SPACE



BASE MOUNTING SIZE



END FLANGE MOUNTING SIZE



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