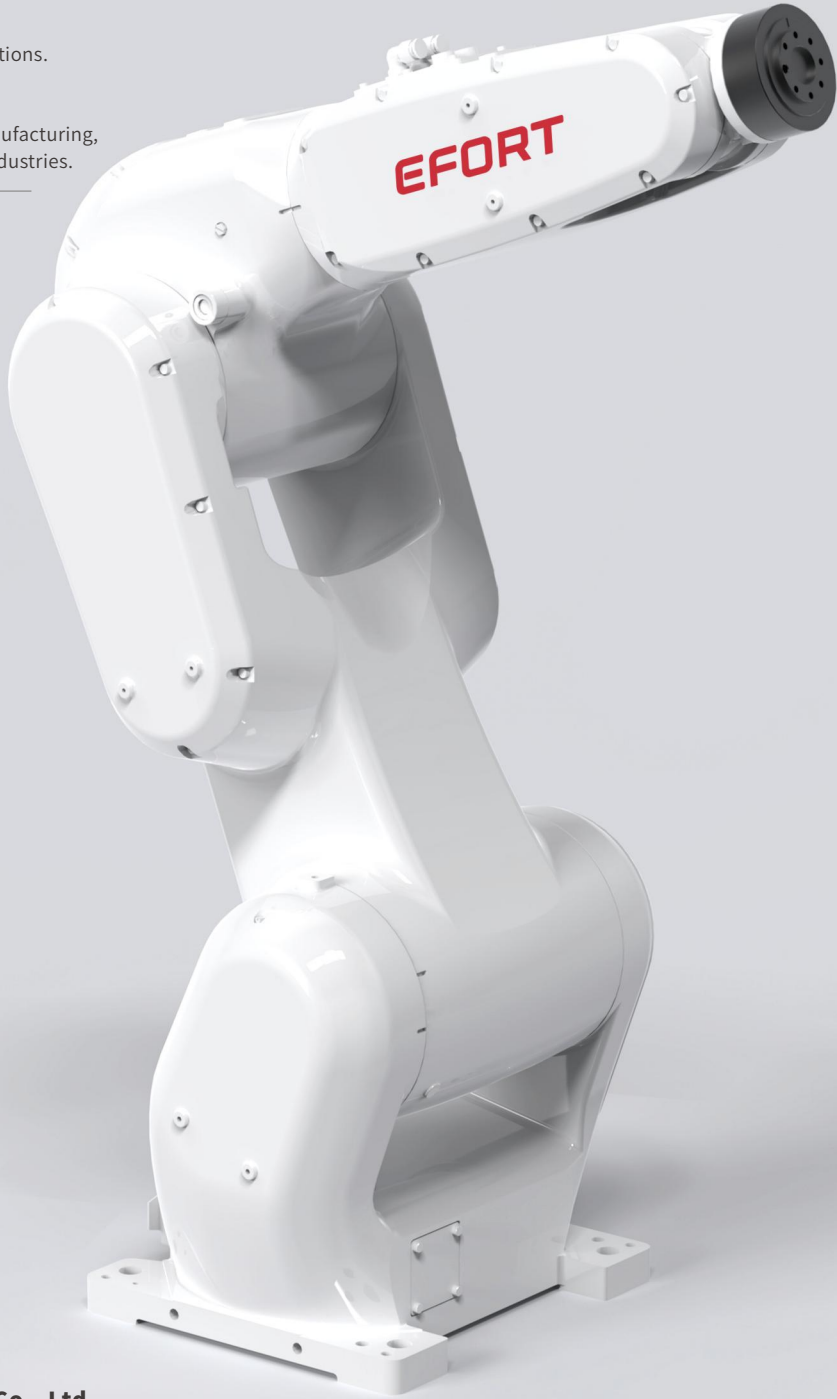


ER16-4-900

ER16-4-900,
Maxium payload 16 kg with maxium reach 944 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.
- **Industries**
Suitable for PCB, electronic manufacturing, plastic, metal parts and other industries.



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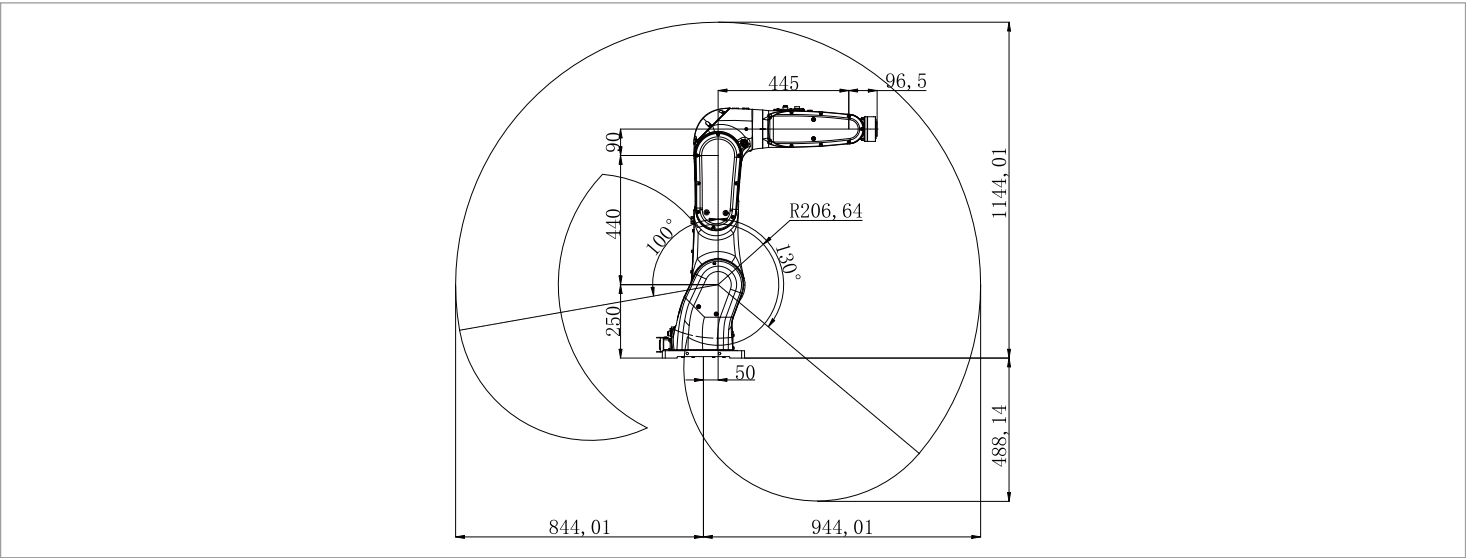
EFORT

SPECIFICATIONS

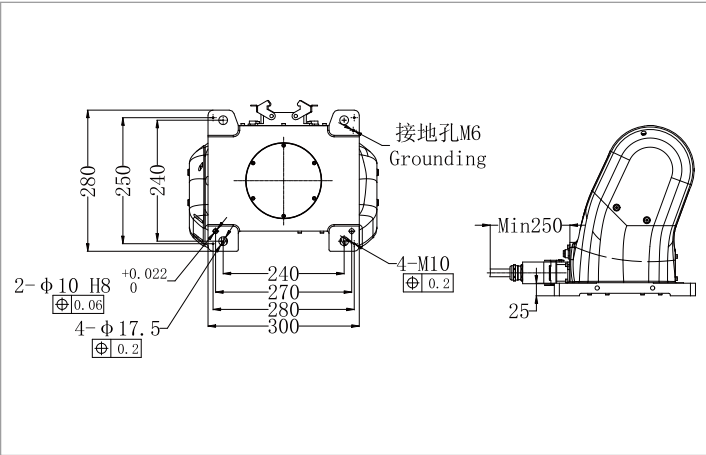
Model		ER16-4-900
Type		Articulated
Controlled axes		4 Axes
Max. payload on wrist		16 kg
Repeatability		±0.03 mm
Robot weight		58 kg
Reach		944 mm
Robot IP grade		IP65
Cabinet IP grade		IP20 / IP54 (Optional)
Installation enviroment	Ambient temperature	0~45 °C
	Ambient humidity	RH≤80% (No dew nor frost allowed)
	Vibration acceleration	4.9 m/s ² (<0.5 G)

Drive mode		AC servo drive
Installation		Upside-down
Allowable load moment at wrist	J3	25 N·m
	J4	12 N·m
Allowable load inertia at wrist	J3	0.78 kg·m ²
	J4	0.3 kg·m ²
Maximum speed	J1	245°/sec
	J2	265°/sec
	J3	400°/sec
	J4	600°/sec
Motion range	J1	+100°/-130°
	J2	+193°/-75°
	J3	±120°
	J4	±360°

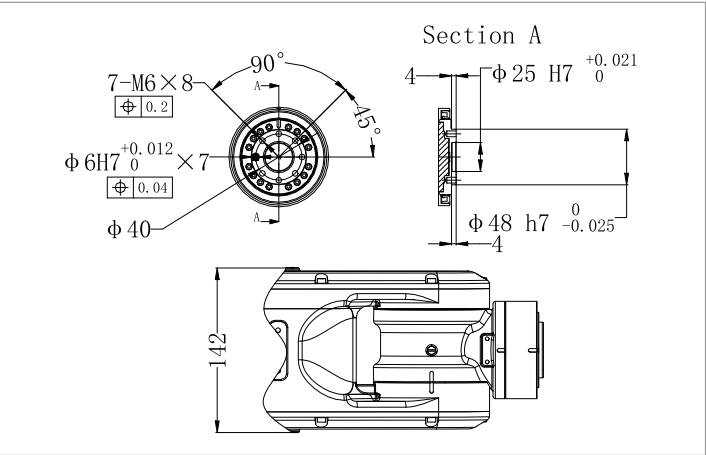
OPERATING SPACE



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.