

EFORT

ESR10-3-750Z15

ESR10-3-750Z15 is a customized SCARA robot specialized in screw driving and dispensing, Maxium payload 10 kg with maxium reach 760.5 mm.

Highlights

1. High rhythm and high precision
Tailored for high-speed and high-precision automatic screw locking tasks and adhesive coating.
2. High rigidity and low vibration
Robot body mode and rigidity enhancement, combined with vibration suppression and active vibration suppression functions, effectively reduce vibration.
3. Easy to maintain and scalable
The detachable structure of cables and batteries allows for the replacement of robots inside the device, and the built-in camera network cable enables various communication extensions.

Applications

It can be used in handling, sorting, assembly, etc.

Industries

Suitable for industries such as electronic manufacturing, toys, household appliances, instruments, and equipment.

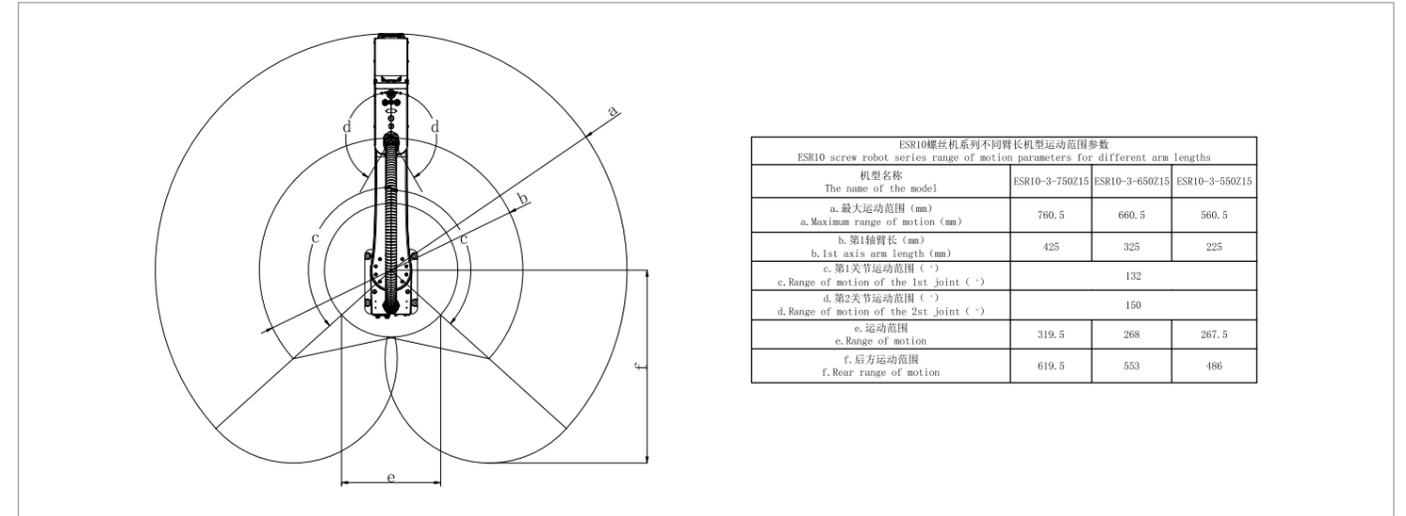


SPECIFICATIONS

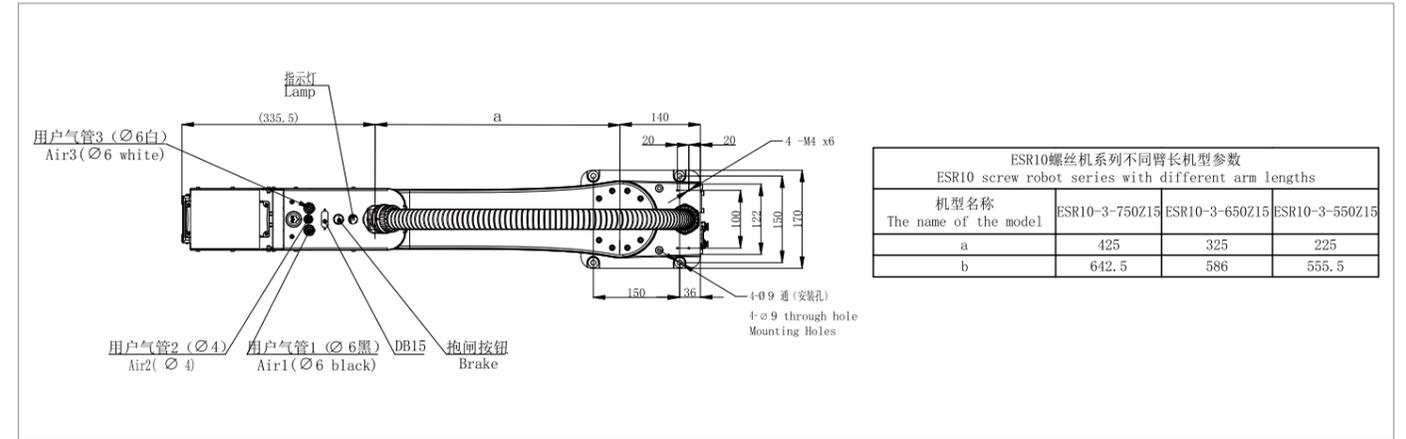
Model		ESR10-3-750Z15
Reach		760.5 mm
Max. payload on wrist	Rated	5 kg
	Maximum	10 kg
Robot weight		27 kg
Maximum speed	J1+J2	9590 mm/sec
	J3	800 mm/sec
	J4	/
	J1	±132°
Motion range	J2	±150°
	J3	150 mm
	J4	/
	J1+J2	±0.025 mm
Repeatability	J3	±0.01 mm
	J4	/
	Standard cycle time	
J4 allowable moment of inertia	Rated	/
	Maximum	/
Electric lines		D-Sub 15-Pin
Pneumatic lines		φ4 mmx1, φ6 mmx2
J3 downward force		200 N
Installation		Floor
Installation enviroment	Ambient temperature	5~40°C
	Ambient humidity	RH≤80% (No dew nor frost allowed)

*The final interpretation right belongs to EFORT Intelligent Robot Co., Ltd. Any updates will be made without prior notice.

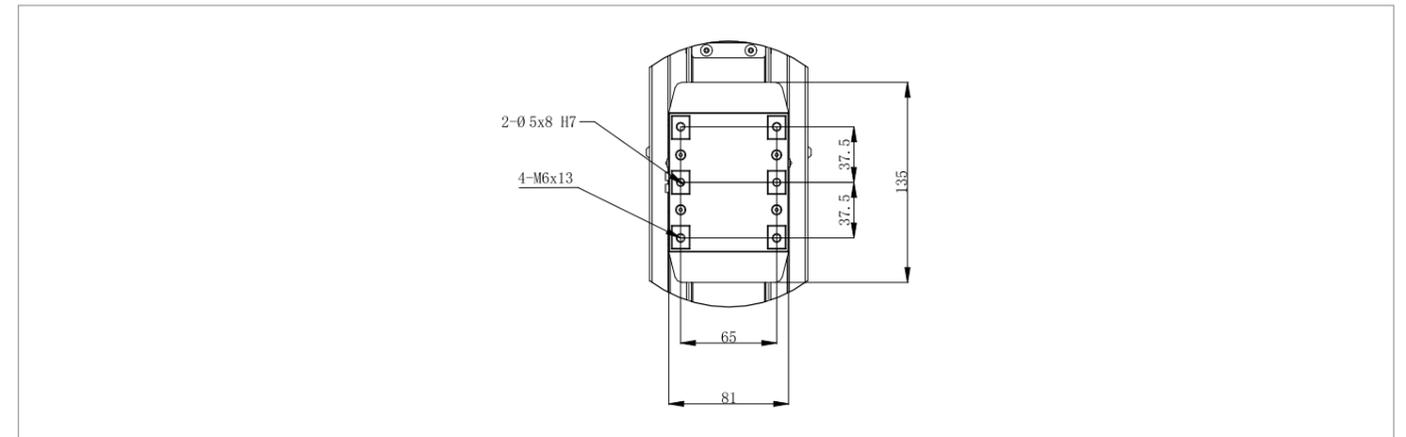
OPERATING SPACE



BASE MOUNTING SIZE



END FLANGE MOUNTING SIZE



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