

variables/V-color

## **Robot Tool Changers | | Epsilon E50**







## Feature

	<b>Master Adaptor</b>	<b>Tool Adaptor</b>
<b>Reference</b>	ER50	ET50
<b>Payload</b>	25 kg	
<b>Moment - Mx, My</b>	88 Nm	
<b>Moment - Mz</b>	120 Nm	
<b>Size</b>	85x85x48 mm	85x85x48 mm
<b>Weight</b>	0.590 kg	0.590 kg
<b>Couple/uncouple port</b>	G1/8	n/a
<b>Repeatability - X, Y</b>	0.020 mm	
<b>Repeatability - Z</b>	0.020 mm	
<b>Maximum Axial Tensile Force (no damage if exceeded)</b>	3.336N @ 0 bar couple port input pressure	



## Operating conditions

<b>Operating temperature</b>	5-60°C
<b>Operating pressure</b>	6 bar $\pm$ 1
<b>User pneumatic pressure</b>	6 bar $\pm$ 1

**Epsilon exceptional lifting force for a small footprint**

The line was designed to be a comprehensive family of tool changers that cover the entire range of the current CXC, MXC and Sigma tool changers we already make (ranging from 10kg. to 1,500kg.)

This is a Tool Changer Evolution. Our cam design has stood the test of time and even with extensive research; we couldn't do anything better. In fact, we are so confident in our locking mechanism that we offer a lifetime guarantee on it. We also made sure to incorporate new market requirements and customer feedback to design these tool changers; that's why we extended the availability of couple/uncouple sensing and came up with a direct bolt design to limit the need of adaptor plates.



### **Advantages**

- High Strength Aluminum Alloy Body
- **Cam Locking Mechanism with :**
- Lifetime Guarantee
  - Self-Centering
  - Wear Compensating
  - Self-Cleaning
  - Positive Cam Retraction
- Optional Couple/Uncouple Sensing
- Optional Tool Present Sensing
- 8x G1/8 User Pneumatic Ports



### **Benefits**

- Maximul robot payload still available
- Reduced maintenance cost
- Minimized total cost of ownership
- Easier installation, less accessories costs



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**expertise in connectivity**