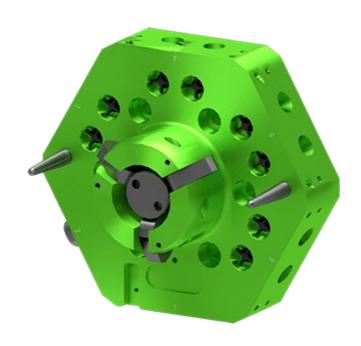
Robot Tool Changers | | **Epsilon E80**







Feature

Reference
Payload

Master AdaptorTool AdaptorER80ET80

90 kg

	Master Adaptor	Tool Adaptor	
Moment - Mx, My	465 Nm		
Moment - Mz	640 Nm		
Size	152x152x71.5	152x152x71.5	
	mm	mm	
Weight	2.740 kg	2.740 kg	
Couple/uncouple port	G1/8	n/a	
Repeatability - X, Y	0.020 mm		
Repeatability - Z	0.020 mm		
Maximum Axial Tensile Force	13.345N @ 0 barsur le port		



Operating conditions

(no damage if exceeded) pneumatique verrouillé

Operating temperature $5-60^{\circ}$ C Operating pressure $6 \text{ bar } \pm 1$ User pneumatic pressure $6 \text{ bar } \pm 1$

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



Benefits

Cam Locking Mechanism with:

- Lifetime Guarantee
 - Self-Centering
 - Wear Compensating
 - o Self-Cleaning
 - Positive Cam Retraction
- Optional Couple/Uncouple Sensing
- Optional Tool Present Sensing
- 8x G1/8 User Pneumatic Ports

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



expertise in connectivity