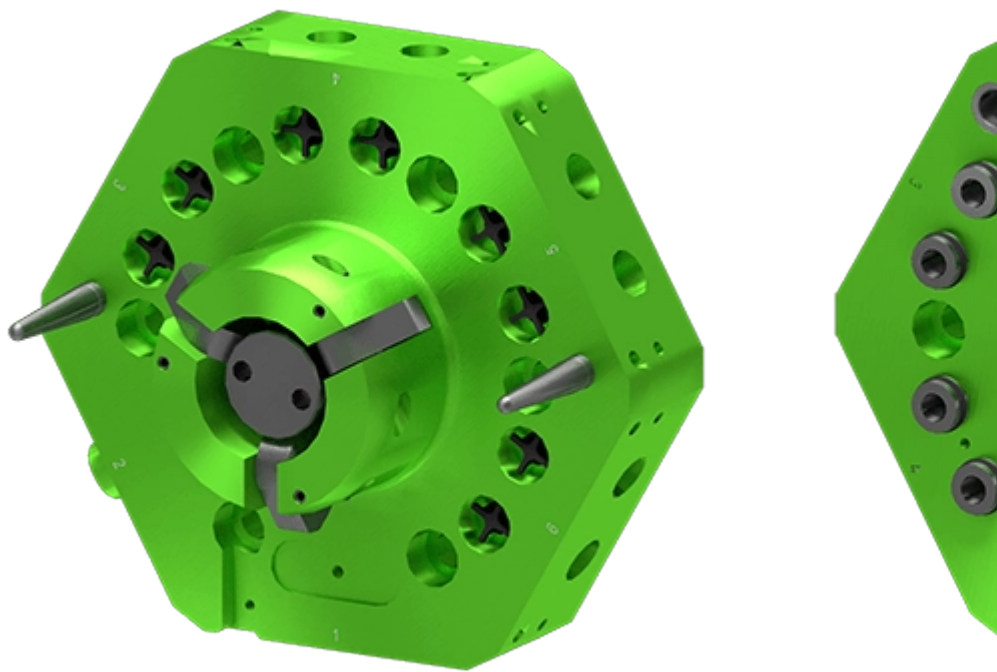


variables/V-color

Robot Tool Changers | | Epsilon E100



Feature

| | Master Adaptor | Tool Adaptor |
|-----------|----------------|--------------|
| Reference | ER100 | ET100 |
| Payload | 120 kg | |

| | Master Adaptor | Tool Adaptor |
|--|---|---------------------|
| Moment - Mx, My | 548 Nm | |
| Moment - Mz | 960 Nm | |
| Size | 152x152x71.5 mm | 152x152x71.5 mm |
| Weight | 2.680 kg | 2.680 kg |
| Couple/uncouple port | G1/8 | n/a |
| Repeatability - X, Y | 0.020 mm | |
| Repeatability - Z | 0.020 mm | |
| Maximum Axial Tensile Force (no damage if exceeded) | 13.345N @ 0 bar couple port input pressure | |



Operating conditions

Operating temperature 5-60°C

Operating pressure 6 bar \pm 1

User pneumatic pressure 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



expertise in connectivity