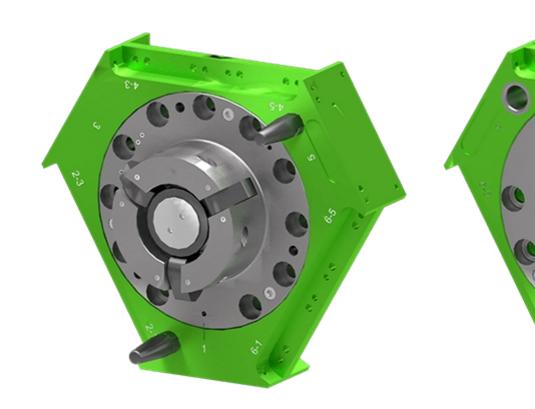
### **Robot Tool Changers** | | **Epsilon E160**





Master Adaptor Tool Adaptor

**Reference** ER160 ET160

Payload 525 kg

	Master	Adaptor	Tool	Adaptor
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Moment - Mx, My 3775 Nm Moment - Mz 4 Nm

Size 242.9x280.5x120 242.9x280.5x120

mm mm

**Weight** 13.890 kg 13.890 kg

Couple/uncouple port G1/8 n/a

**Repeatability - X, Y** 0.020 mm **Repeatability - Z** 0.020 mm

Maximum Axial Tensile Force 37.120N @ 0 bar couple port input

(no damage if exceeded) 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
- €

#### 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