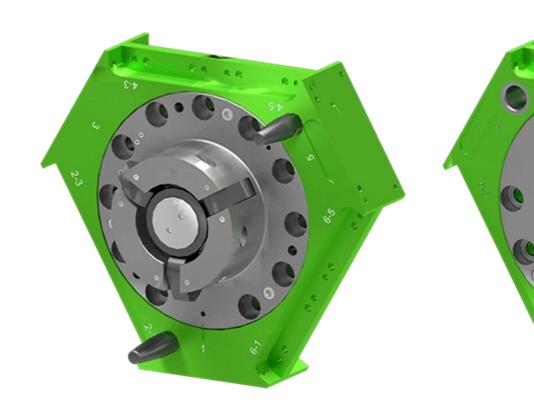
Robot Tool Changers | | **Epsilon E160 (STL)**





Master Adaptor Tool Adaptor

Reference ER160 ETS160

Payload 600 kg

	Master	Adaptor	Tool	Adaptor
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Moment - Mx, My 4300 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 barcouple port input

(no damage if exceeded) pressure



Operating conditions

Operating temperature 5-60°C Operating pressure 6 bar ± 1 User pneumatic pressure 6 bar ± 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
 - 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