Robot Tool Changers | | Epsilon ES200







Feature

Reference
Payload

Master Adaptor Tool Adaptor
ERS200 ETS200
1500 kg

Master Adaptor Tool Adaptor

Moment - Mx, My 15 Nm Moment - Mz 11 Nm

Size 310x358x112 310x358x60mm

mm

Weight 19.100 kg 9.440 kg

Couple/uncouple port G1/8 n/a

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

Maximum Axial Tensile Force 96.393N @ 0 bar couple port input

(no damage if exceeded) pressure



Operating conditions

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