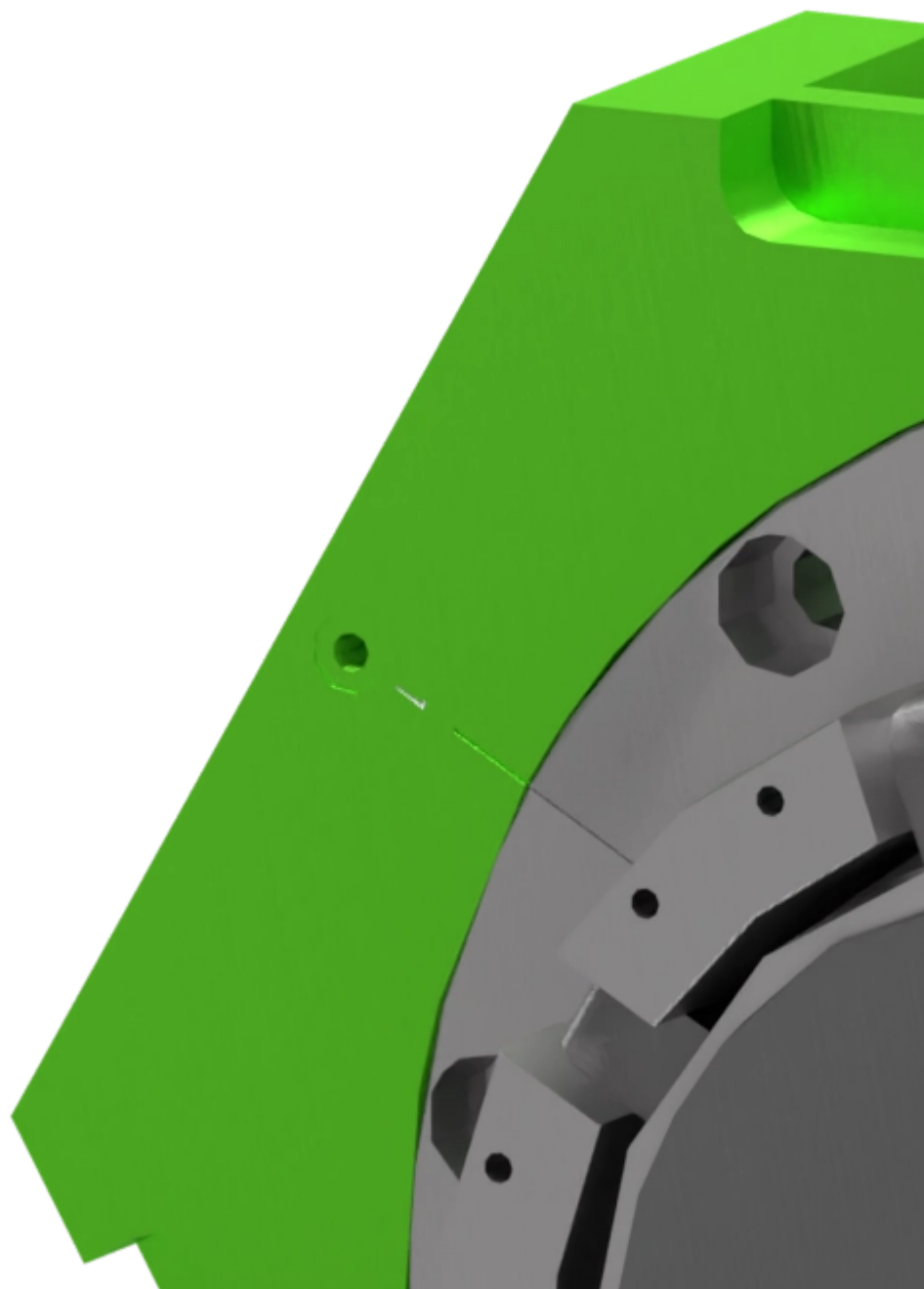


variables/V-color

## **Robot Tool Changers | | Epsilon ES315**







## Feature

	Master Adaptor	Tool Adaptor
Reference	ERS315	ETS315
Payload	2331 kg	
Moment - Mx, My	43135 Nm	
Moment - Mz	31144 Nm	
Size	425x490.8x163 mm	425x490,8x86mm
Weight	76.000 kg	28.000 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)	144.585N @ 0 barcouple 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



### **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



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**expertise in connectivity**