



 Feature

	Master Adaptor	Tool Adaptor
Reference	ER160	ET160
Payload	525 kg	
Moment - Mx, My	3775 Nm	
Moment - Mz	4800 Nm	
Size	242.9x280.5x120 mm	242.9x280.5x120 mm
Weight	7.580 kg	5.270 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)	37.120N @ 0 barcouple port input 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

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



Zoning de la Rivière, 65
7330 Saint-Ghislain (Belgium)

T : +32 (0)65 76 40 40
E : service@pes-sa.com