

### Features:

- Pneumatic version of Model 650 manual straight line action clamp
- Sensor ready for round or T-slot style sensors
- Built-in flow restriction eliminates need for external flow controls

### Applications:

- Assembly
- Welding
- Light press operations

### Also Available:

See page MC-ACC-1 for spindle accessories  
See page MC-PSC-38 for sensing options

850 ⓘ  
850-ME ⓘ



## Technical Information | Holding Capacities | Dimensions

Model	Maximum Holding Capacity	Maximum Exerting Force @ 5bar [72PSI]	Plunger Travel	Plunger Thread	Weight	Bore Size	Air Consumption† dm³ [ft³]	Port Size
850 ⓘ	[16,000 lbf] 71200 N	[1232 lbf] 5522 N	[2.00] 50,8	5/8-11	[16.66lb] 7,56kg	[2.48] 63	[0.109] 3,08	1/4 NPT
850-ME ⓘ				M16				G-1/4

ⓘ This item is available upon request. †Per double stroke at 5bar [72PSI]

**Max Cylinder Pressure:** 10bar [145psig]  
**Max Operating Temp:** -10°C to 90°C [-14°F to 194°F]  
**Replacement Seal Kit:** 850450-63-1-00  
**Replacement Clamp Assembly:** 850-LC, 850-M-LC  
**Replacement Cylinder Assembly:** 868CYL

\*In no case should the inlet pressure be high enough to create an exerting force that exceeds the clamp's holding capacity. See Technical Appendix Section for details.

### Sensor Accessories

Round Reed Switch with Quick Disconnect  
 T-slot Reed Switch with Quick Disconnect  
 Quick Disconnect 2M Extension Cable  
 Quick Disconnect 5M Extension Cable

### Item Number

810169  
 8EA-109-1  
 CABL-010  
 CABL-013

See Pneumatic Accessories section for more options

