

### KEY FEATURES

- ✓ Grabs with gecko-style adhesive
- ✓ Picks up flat objects without air systems
- ✓ Can lift solid or porous objects
- ✓ Instantaneous gripping
- ✓ Integrated load sensor for precise gripping
- ✓ Proximity sensor – part presence



### TECHNICAL SPECIFICATIONS

Specification or Feature	Value / Comments			
<b>Gripper</b>				
Maximum Payload	Polished Steel	Acrylic	Glass	Sheet Metal
Native Adhesion	8.2 kg	8.1 kg	6.6 kg	6.1 kg
After Safety Factor (x2)	4.1 kg	4.1 kg	3.3 kg	3.1 kg
With Cleaning System	1.6 kg	1.6 kg	1.3 kg	1.3 kg
Pre-load required for max adhesion	125 N			
Detachment time	500 msec			
Holds part on power loss?	Yes			
<b>Pads</b>				
Change-out interval	100,000 cycles			
Autonomous cleaning system	Piezoelectric			
Autonomous cleaning interval and % recovery	15 sec: 3% / 2 min: 5% / 15 min: 15% (max)			
<b>Sensors</b>				
	Pre-load sensor	Ultrasonic Range sensor		
Range	0-400 N	0 – 260 mm		
Sensitivity	1 N	300 KHz		

MECHANICAL DIMENSIONS

