

ROBOCLIP

by Innovative Automation

Production Challenges, Solved

Manufacturing environments face numerous challenges in clip automation, from jamming and part defects to lengthy reprogramming times. RoboClip is designed to eliminate these pain points, ensuring a smooth and efficient workflow while adapting seamlessly to various clip types.



Fast and reliable



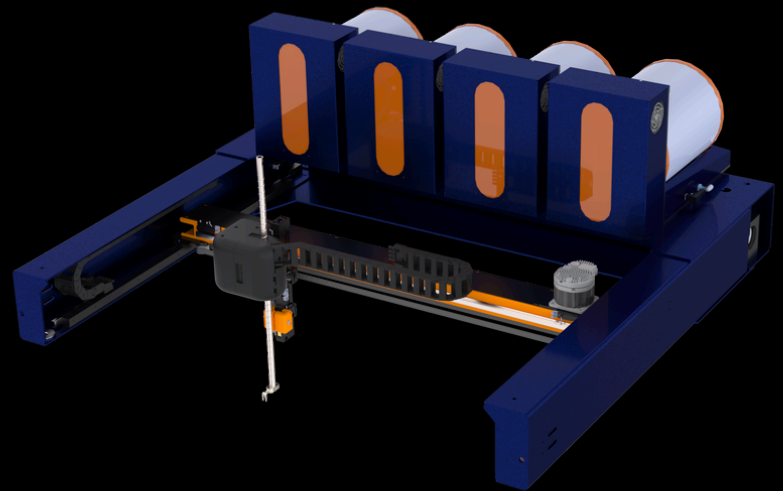
Anti-jam feeding



Compact and reusable

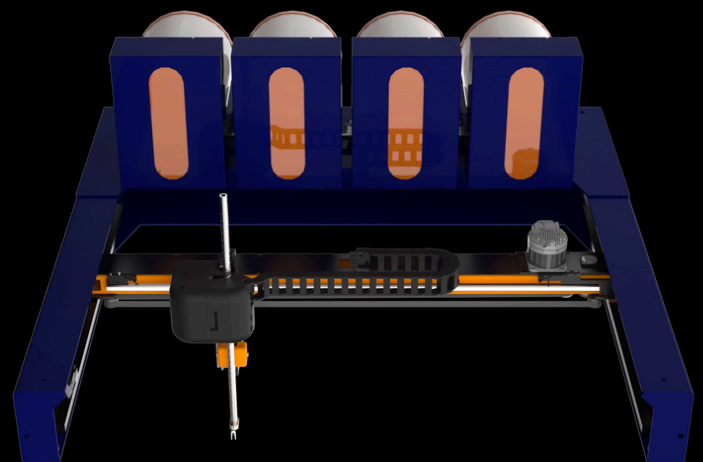


User-friendly maintenance



Key Challenges & Solutions

- **Jamming Issues:** Our patent-pending anti-jam technology dynamically adapts to clip geometry, preventing jams caused by molding defects like warping or flash.
- **Bent Clip Towers:** RoboClip handles part variations with ease and reduces reprogramming efforts through an intuitive, user-friendly interface.
- **Time-Consuming Adjustments:** Quick visual cues and intuitive controls simplify modifications and speed up changeovers.
- **Inefficient Workflow:** By streamlining robotic systems, RoboClip minimizes downtime and maximizes precision.

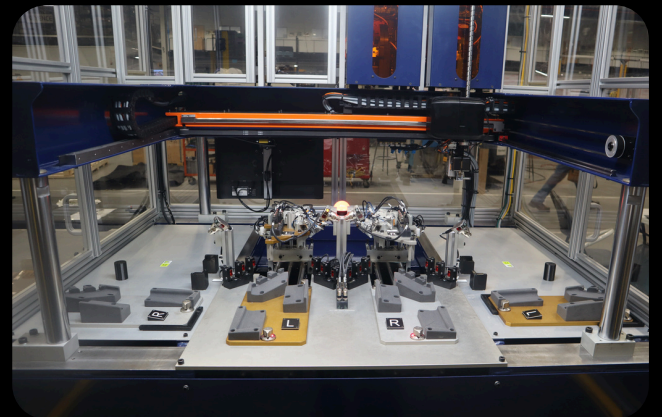


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Unmatched Efficiency & Performance

- **Fast & Reliable Anti-Jam Feeding** - Ensures smooth operation, reducing costly production halts.
- **User-Friendly Maintenance** - Simple upkeep and troubleshooting reduce operational headaches.
- **Compact & Reusable** - Designed for space-conscious facilities with sustainable reuse in mind.
- **Easily Program New Parts** - Minimize downtime when switching between clip types.
- **Interchangeable Tooling** - Adaptability for multiple applications.
- **Standalone or In-Line Integration** - Flexible deployment options for various production needs.



Clip Compatibility

RoboClip supports a wide range of arrowhead-style clips commonly used in automotive and manufacturing industries:

- **Standard Compatibility:** A Clips, V Clips, Bird's Beak, IP Clips, Grille Clips, Instrument Panel Clips.
- **Customizable Flexibility:** Designed for pointed clips; minor modifications accommodate unique shapes or sizes.

Why Choose RoboClip?

- ✓ **Minimizes Downtime** - No more frequent stoppages due to jams or defects.
- ✓ **Enhances Efficiency** - Faster cycle times, quick adjustments, and reduced operator intervention.
- ✓ **Adaptable & Scalable** - Designed for evolving manufacturing needs with seamless integration capabilities.

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RoboClip Specifications

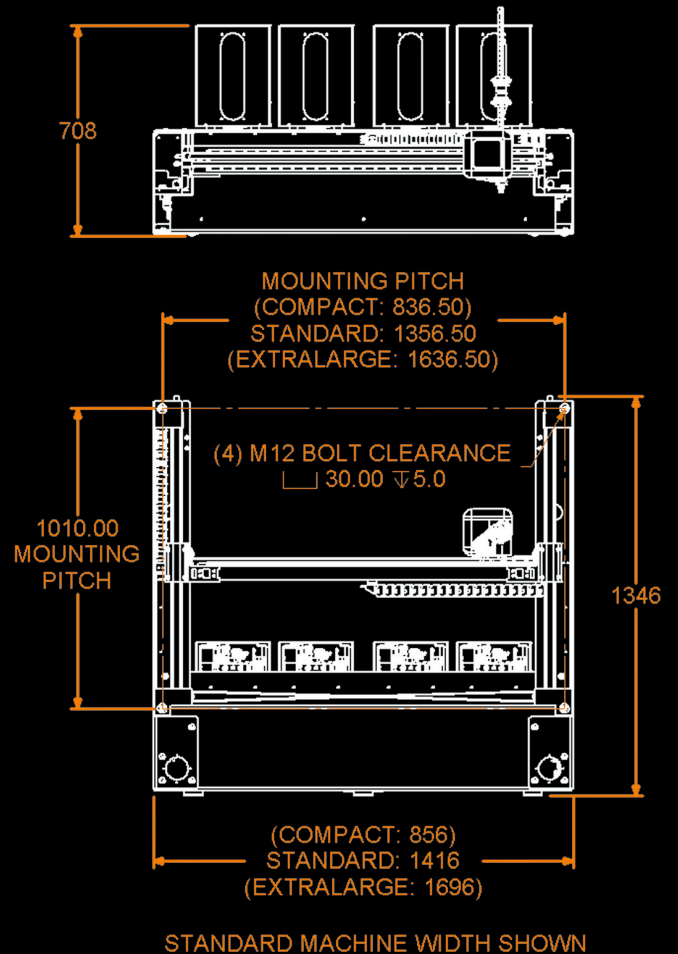
Width	3 Sizes - 856, 1416 or 1696mm
Length	1346mm
Height	708mm
Weight	170-320 kg
Working Area	750 Deep x 300mm High
Working Area Width	3 Sizes - 400, 1000 or 1300mm
Maximum Speed	500 mm/s

Clip to Clip Cycle Time	~2 Seconds
Magazine Refill Time	~1 Second
Magazine Capacity	~22
Drum Capacity	~4000 each drum
Repeatability	+/- 0.25mm
Working Area Width	Ethernet IP (Slave Device)
Power Requirements	95-250 VAC, 50-60 Hz, 7 FLA

**Dimensions and Mounting Locations for "Standard" Size Machine
Please Contact Us for Compact and Extra Large Machine Drawings*

Let's Optimize Your Production Line

Interested in boosting efficiency and eliminating production headaches? Contact us today to see how RoboClip can revolutionize your clip automation process!



Contact Us



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