

# Automated Linear Reciprocating System

This automated reciprocator system is designed for precise movement and control in manufacturing or laboratory environments. It features adjustable speed and stroke length for versatile operation, along with a programmable logic controller (PLC) for customized motion profiles and an enclosed safety housing.



## System Overview

### Precision Automated Motion

The Automated Linear Reciprocating System is engineered for high-precision movement and control in both industrial manufacturing and laboratory settings. Built with a robust stainless steel frame and enclosed safety housing, it ensures reliability and operator protection. The integrated programmable logic controller allows for highly customized motion profiles, making it ideal for repetitive tasks such as precise coating, spraying, and material handling.

## Technical Specifications

Control System	Programmable Logic Controller (PLC)
Frame Material	Stainless Steel

## Performance Metrics

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**0 mm**

Adjustable Stroke Length

**0 variable**

Adjustable Speed

## Safety and Design

### Safety Features

- Enclosed safety housing
- Stainless steel frame durability
- Programmable motion profiles

## Applications

### Common Industrial Applications

Coating • Spraying • Material Handling