



Presses & Automation  
*SINCE 1975*



**AZ-MF**  
**Mini Servo feeder**



## AZ-MF

Mini servo roll feeder



### Standard features

- Traditional mini servo feeder
- Standard feed direction from left to right
- Omron Servo Driven
- Pneumatic Pilot Release
- 4140 Steel rolls hardened to 58-64HRC
- Up to 100 job storage as standard
- Press mounted

### Optional features

- GAG OUTPUTS (6 or 12)
- Sequential feeding (up to 20 sequences)
- Extra job storage (up to 1000 jobs)
- Right to left feeding direction
- Pull thru straightener

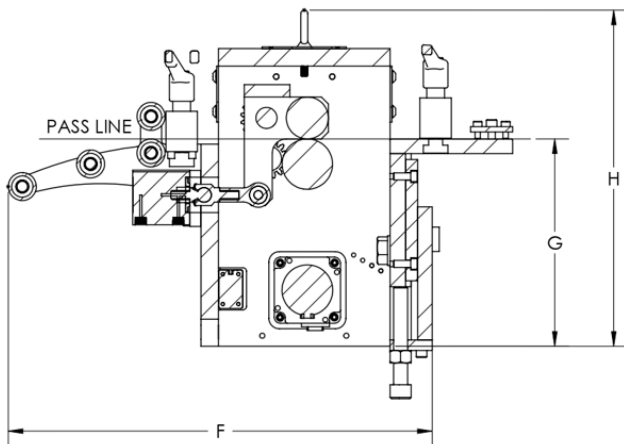
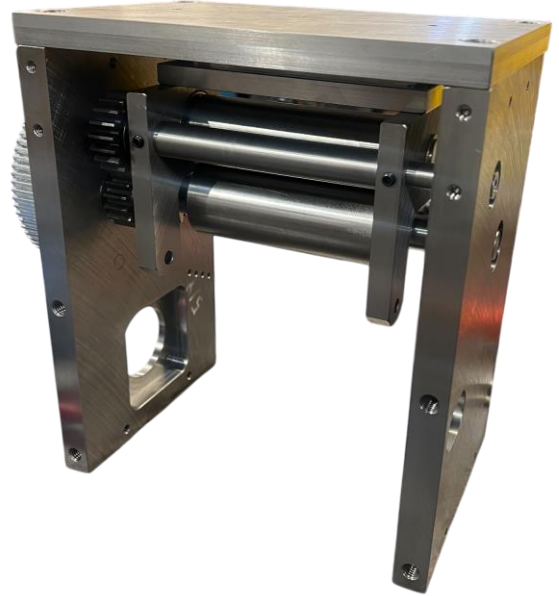


## AZ-MF

### Mini servo roll feeder

The Azimuth Mini-Servo Feeder is an economical solution for handling a wide range of material thicknesses, thanks to its advanced gear management design. This compact feeder mounts directly onto the press frame, saving up to 30% of floor space compared to traditional feed lines. It is available in widths of 4", 7.875", and 9.875", accommodating material thicknesses up to 0.125".

The feeder features an Omron servo drive, pneumatic pilot release, motorized feeder, and hardened 4140 steel rolls with a hardness of 58-64 HRC. Optional features include sequential feeding and GAG outputs based on sequence.



SECTION A-A

The Azimuth Mini-Servo Feeder includes a built-in swivel frame within the feeder, allowing for fast pilot release and improved feeding accuracy. This design feature enhances the feeder's responsiveness, making it highly suitable for applications requiring precision and quick material adjustments.

By integrating the swivel frame, the feeder achieves better alignment control, reducing setup time and maintaining accuracy across varied feed rates, all while saving space and providing a cost-effective solution for handling a range of material thicknesses.





## AZ-MF

Mini servo roll feeder

### UL listed control panel

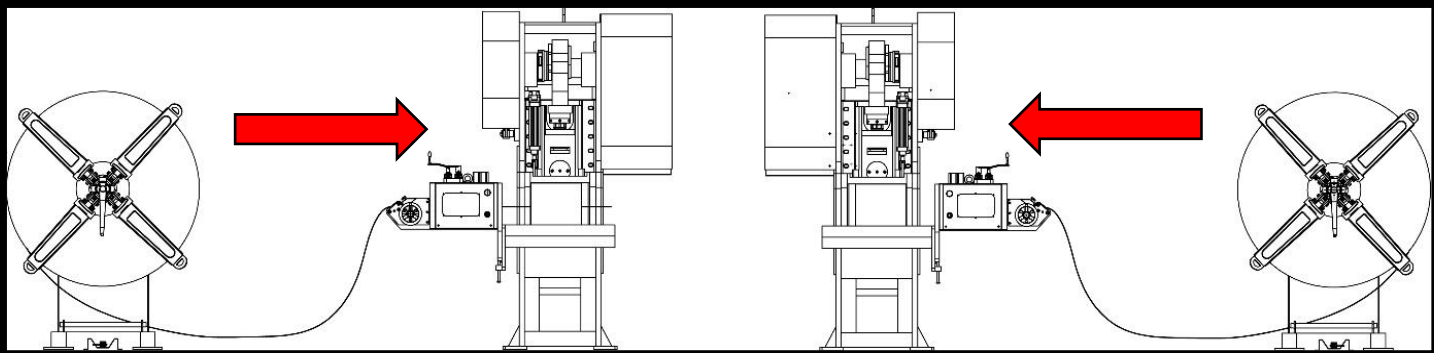
Azimuth is a UL-certified panel builder specializing in the stamping industry. This certification ensures that our control panels meet stringent safety and quality standards, providing reliable and compliant solutions for your operations.

We customize enclosures specifically for sheet metal applications, ensuring seamless integration with your existing equipment and processes.

Our tailored designs enhance both safety and efficiency in your stamping operations.



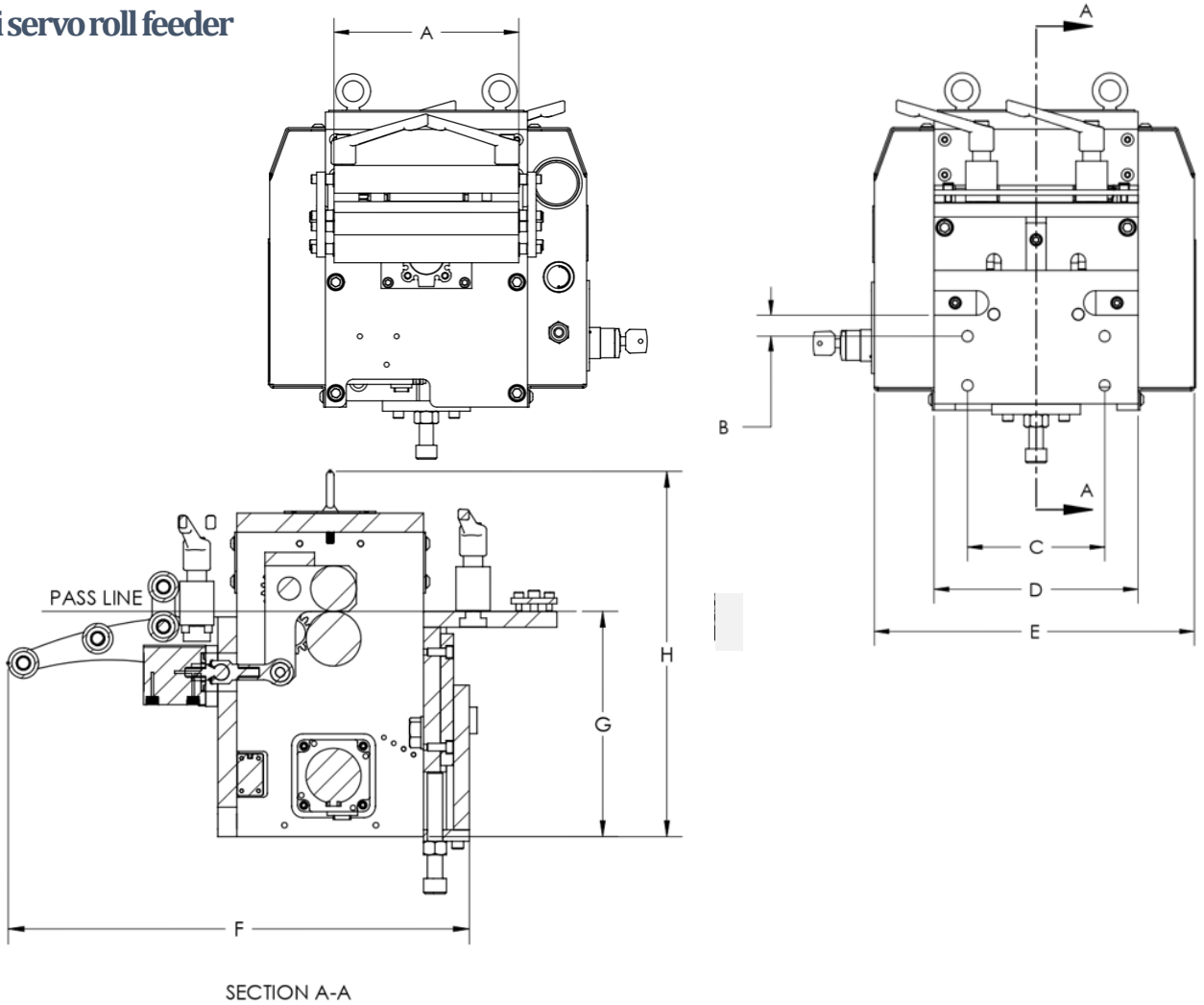
**Feed direction can be changed from right to left or Right to left**





# AZ-MF

## Mini servo roll feeder



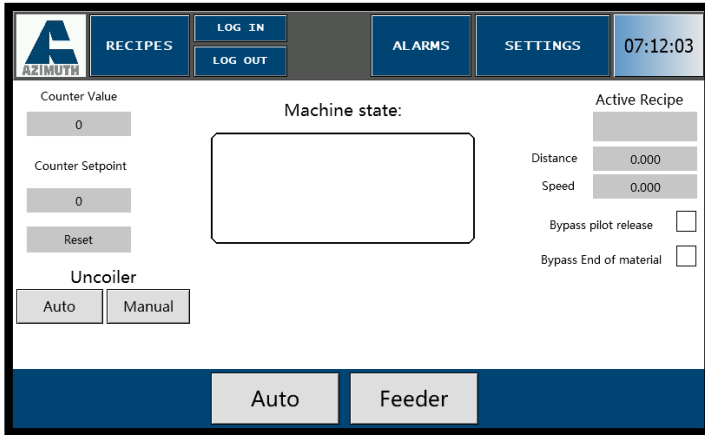
MODEL	WEIGHT (KG)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)
<b>MF-50</b>	15.9	168	19	124	184	289	384	188	305
<b>MF-100</b>	18.1	219	19	175	235	340	384	188	305

MODEL	WEIGHT (LBS)	A (in)	B (in)	C (in)	D (in)	E (in)	F (in)	G (in)	H (in)
<b>MF-50</b>	35	6.625	0.750	4.875	7.250	11.375	15.125	7.400	12.0
<b>MF-100</b>	40	8.625	0.750	6.875	9.250	13.375	15.125	7.400	12.0

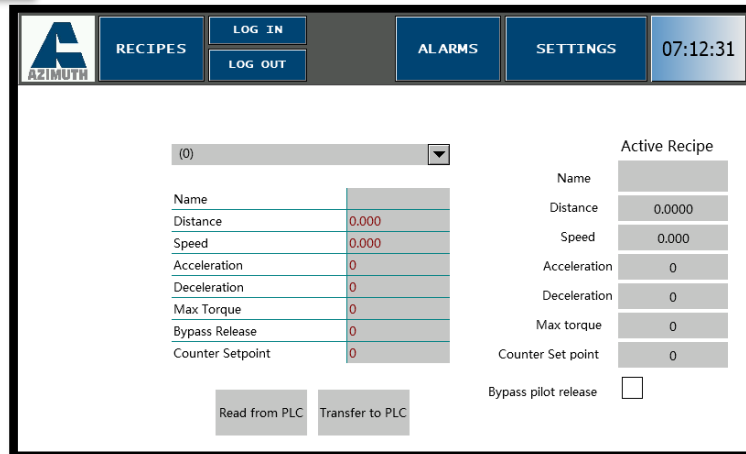


# Azimuth Feed interface

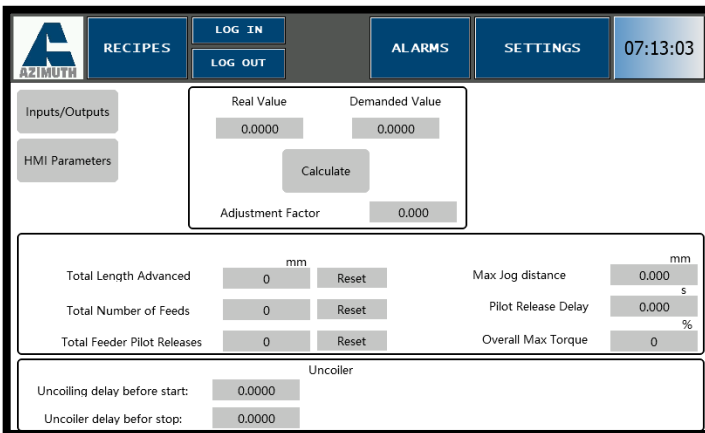


*Main screen allows you to monitor machine states, interface with your press & more.*

*Built in recipe screen allows to memorize jobs, counts, feed distance & more.*



*Maintenance screen give you access to calibrate servo & change parameters from main drive.*






## Warranty Plan on Servo Feed

5

### *Years on electrical*

The Azimuth Mini-Servo Feeder comes with a comprehensive 5-year warranty on all electronic components, including sensors, servo motors, PLC, power supply, and other critical electronic parts. This extended warranty reflects the confidence in the quality and durability of the feeder's electronics, offering users peace of mind and long-term reliability. It ensures that the feeder remains a dependable solution, minimizing maintenance costs and downtime while maximizing productivity over the years.

*Does not include labor<sup>[1]</sup> or diagnostic work. The original purchaser will be responsible for travel costs and expenses.*

3

### *Years mechanical parts warranty*

The Azimuth Mini-Servo Feeder includes a 3-year warranty covering all mechanical components, such as servo rolls, gears, bearings, feed frame, and any other mechanical parts. This warranty highlights the durability and robust construction of the feeder's mechanical elements, ensuring dependable performance even under demanding conditions. With this coverage, users can trust in the longevity of the feeder's mechanical structure, reducing the risk of costly repairs and providing additional assurance of consistent operation throughout the warranty period.

*Does not include labor or diagnostic work. The original purchaser will be responsible for travel costs and expenses.*

1

### *Year on Hydraulic, pneumatic components & labour.*

The Azimuth Mini-Servo Feeder includes a 1-year warranty on all hydraulic and pneumatic components, such as hydraulic cylinders, hydraulic hoses, pneumatic cylinders, pneumatic electrical solenoids, pneumatic hoses, and related parts. This warranty covers essential fluid and air management systems within the feeder, ensuring reliable performance and responsiveness for the first year of operation. It provides users with the assurance that these critical components are protected, supporting efficient functionality and minimizing initial maintenance concerns.

**Labour time warranty shall be under Azimuth Sole discretion. If any Workmanship is required due to improper functioning of the press &/or other related equipment, Azimuth will cover the workmanship repair cost. Travelling fees, lodging & other travelling expense are not included.**





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[www.azimuthpress.com](http://www.azimuthpress.com)



## Feed-line

We excel in providing turnkey solutions with our custom servo feeding systems, designed to accommodate a wide range of materials—from thin sheets to automotive-grade thicknesses. Our dedicated approach ensures that each system is tailored to meet your specific production requirements, enhancing efficiency and performance.

## Turn-key solution

At Azimuth, we specialize in creating customized production lines tailored to your exact specifications. Simply send us your part drawings, and our experienced team will develop a solution designed to maximize efficiency and elevate performance across your operations. As part of our commitment to quality, we'll rigorously test and run your production setup before shipment, ensuring flawless installation and seamless integration when it reaches you.



We are committed to delivering high-quality, innovative automation solutions tailored specifically for the stamping industry. Our UL certification underscores our dedication to safety and excellence, ensuring that our custom-built systems meet the highest industry standards.