



Presses & Automation
SINCE 1975



AZ-MSF
Mini Servo-Straightener Feeder



AZ-MSF

Mini Servo Motorized Straightener & Feeder



- Workspace saving: Save up to 30% space compared to a traditional feed line
- Omron Servo Driven
- Pneumatic Pilot Release
- Up to 100 job storage
- Servo motorized Straightener & Feeder
- 4140 Steel rolls hardened to 58-64HRC
- Optional Sequential feeding
- Optional GAG Outputs based on sequence

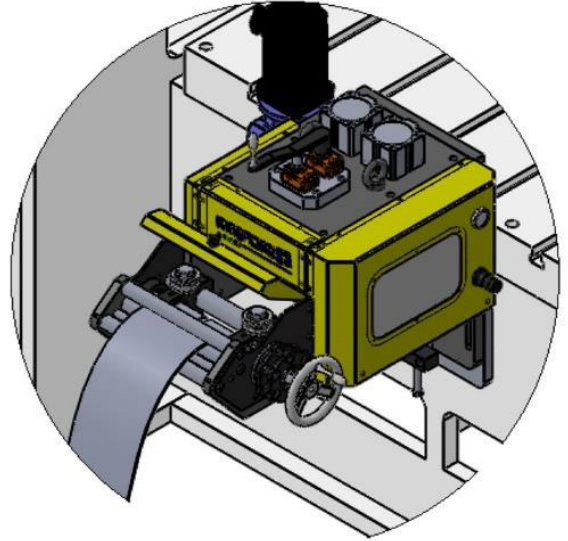


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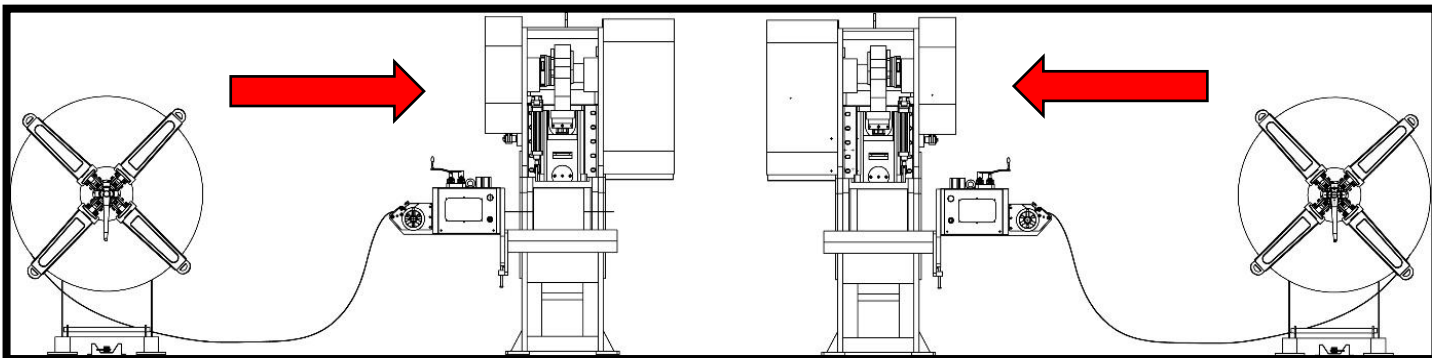


Straightener adjustment made with handles. Mechanical readout for straightener



*Traditional bolster plate mounting.
Mounting plate included*

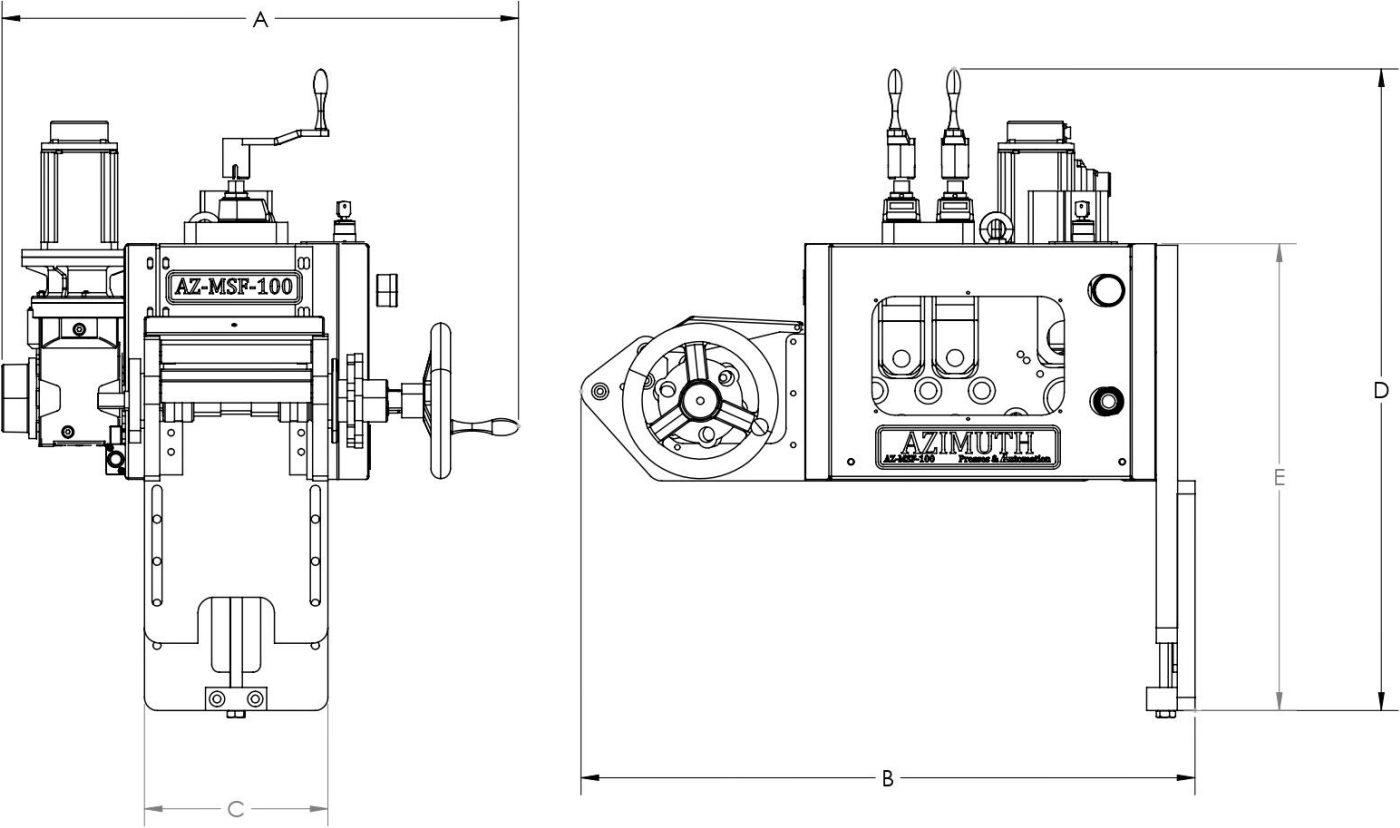
Feed direction can be changed from right to left or Right to left





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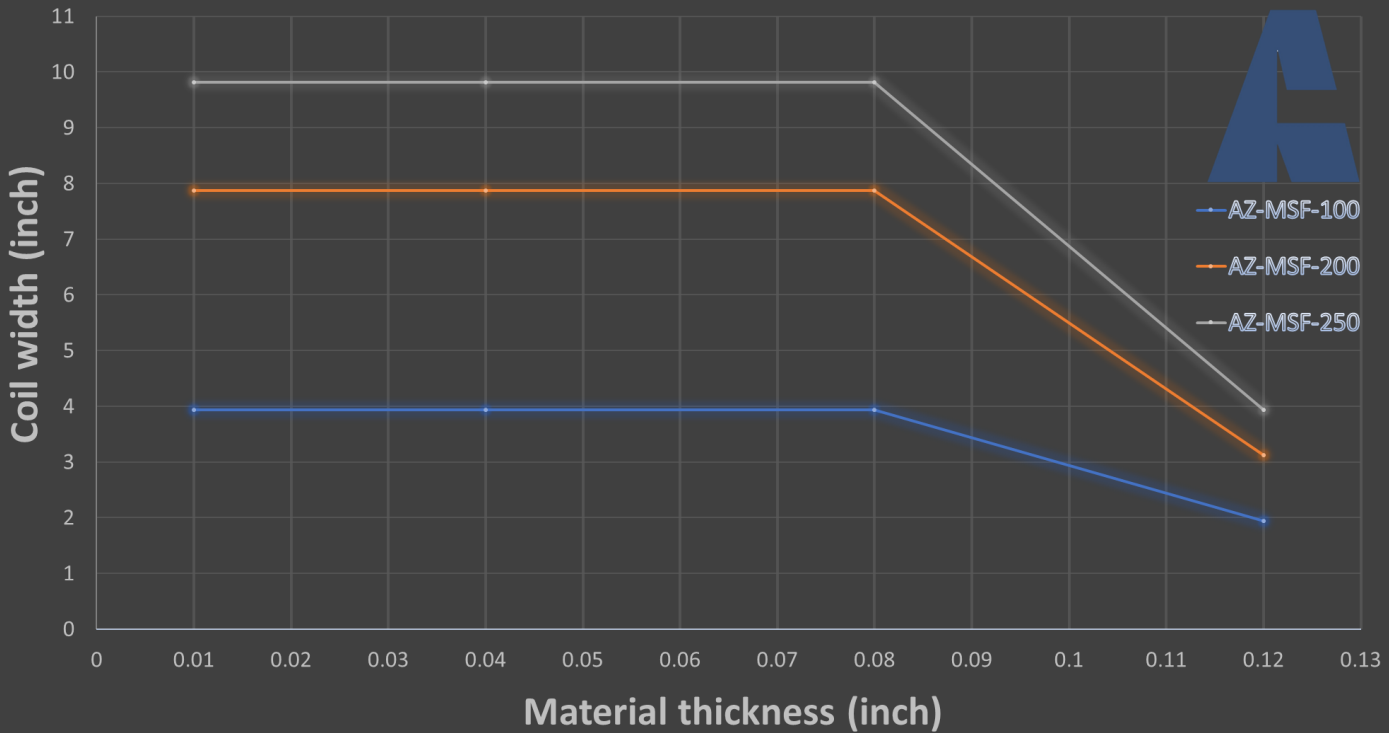


MODEL	WEIGHT (KG)	A (mm)	B (mm)	C (mm)	D (mm)	E MIN (mm)	E MAX (mm)
AZ-MSF-100	26	675	800	240	840	520	610
AZ-MSF-200	32	785	800	340	840	520	610
AZ-MSF-250	38	825	800	390	840	520	610
MODEL	WEIGHT (LBS)	A (in)	B (in)	C (in)	D (in)	E MIN (in)	E MAX (in)
AZ-MSF-100	57.3	26.6	31.5	9.4	33.1	20.5	24.0
AZ-MSF-200	70.5	30.9	31.5	13.4	33.1	20.5	24.0
AZ-MSF-250	83.8	32.5	31.5	15.4	33.1	20.5	24.0



Model→ Parameter↓	Unit	AZ-MSF-100	AZ-MSF-200	AZ-MSF-250
Min width	INCH	2.000	3.125	3.875
Max width	INCH	3.875	7.875	9.875
Thickness MIN	INCH	0.01		
Thickness MAX	INCH	0.12		
Pass-line		Manual adjustment		
Feeding rolls diameter	INCH	3.15		
Starighthener rolls diameter	INCH	2.36		
Straightener rolls configuration		2 top 3 bottom		
Pilot Release		Pneumatic		
Max speed (free working condition)	inch/s	21.00		

Straigthening capacities for AZ-MSF models

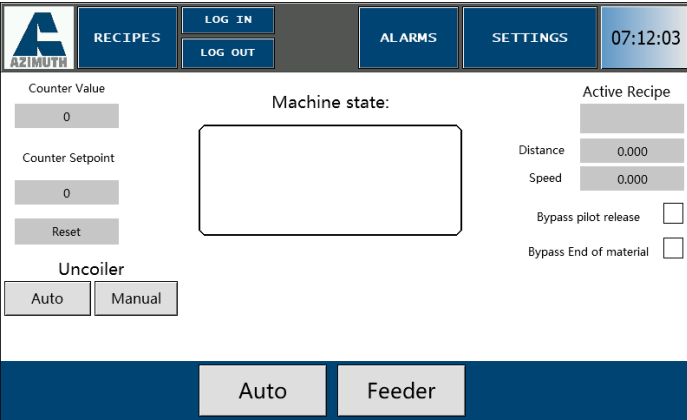


Straightener capacities represent maximum allowable material thickness at a certain width. Custom dimensions can be provided upon request.



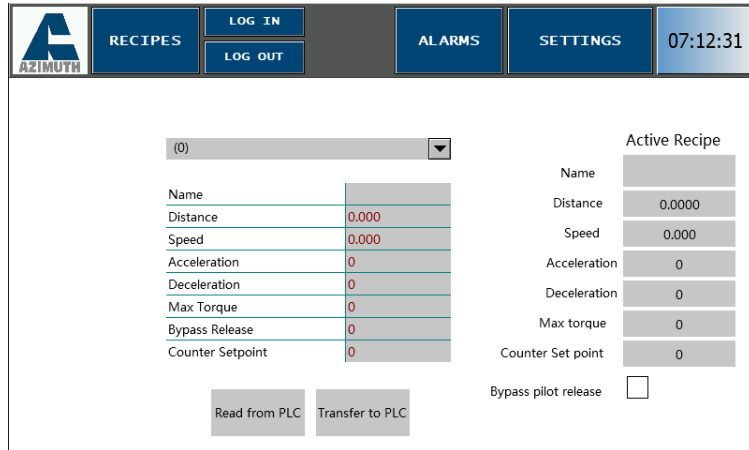


Azimuth Feed interface

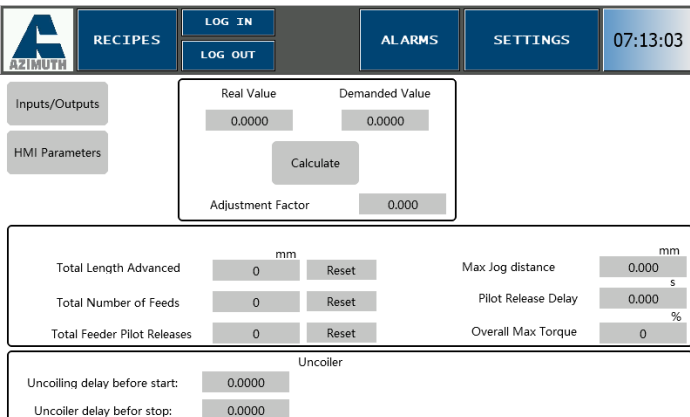


Main screen allows you to monitor machine states, interface with your press & more.

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.






Advanced feed interface

Our advanced feed interface allows you to store more jobs, sequential feed, GAG capabilities, & more!



Selected Job
 Test00

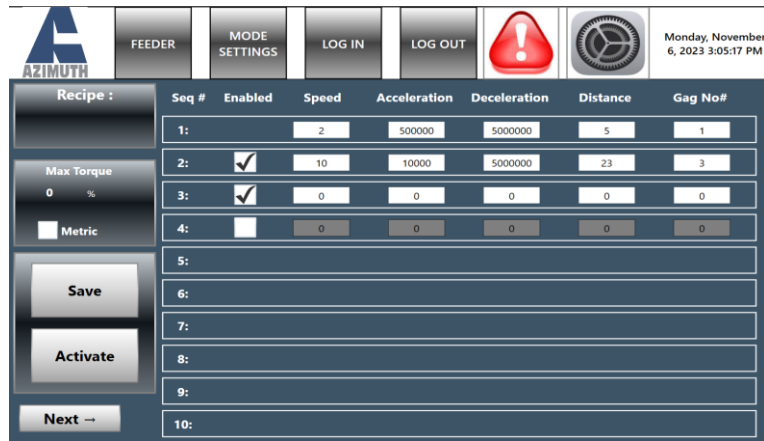
Speed	Acceleration	Deceleration	Distance
1	50000	50000	1

Max Torque 60 %

Buttons: Add New, Delete, Save, Save As, Activate, Set Sequences, View Sequences

*Up to 1000 jobs storage with search capabilities.
 Each job can store up to 20 sequences with GAG outputs available.*

Easily update sequence to your servo feeder from the sequential feed interface.



Recipe :

Seq #	Enabled	Speed	Acceleration	Deceleration	Distance	Gag No#
1:		2	500000	500000	5	1
2:	<input checked="" type="checkbox"/>	10	10000	500000	23	3
3:	<input checked="" type="checkbox"/>	0	0	0	0	0
4:	<input type="checkbox"/>	0	0	0	0	0
5:						
6:						
7:						
8:						
9:						
10:						

Buttons: Save, Activate, Next



Uncoiler Settings :

Uncoiling delay before start : 0.2 sec

Uncoiling delay before stop : 0.3 sec

Buttons: Jog Forward, Jog Reverse

*Complete your line with our uncoiler & control everything from the main screen.
 Our decoiler output controller allows you to set-up your loop delay easily with our built-in timer controller.*





Azimuth turnkey solution

We specialized in complete turnkey press line solution & design, which allows our customer to provide us complete contract in integrating their press solution. We supply & manufacture;

Presses

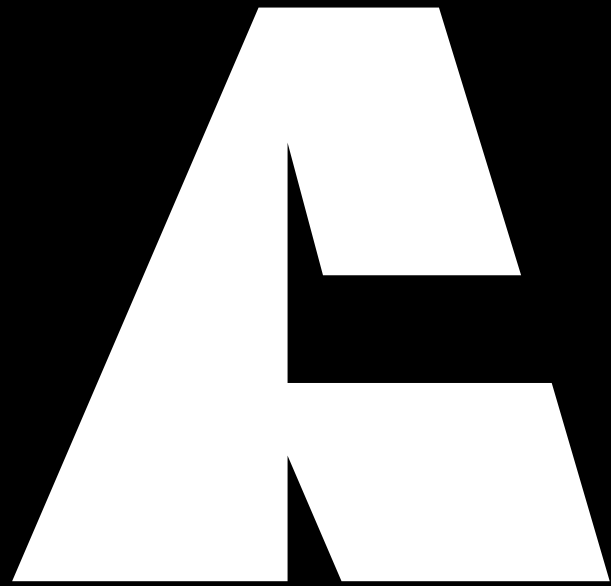
Tooling

Custom controller solution

Feed-line

Safety integration





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