



MSF Mini Servo Feeder / Straightener 415v



**Mini Servo
Feeder**



The Morgan Rushworth Mini-Servo Feeders has a Working Capacity of 100mm to 600mm Coil Width and 0.2 mm to 3mm Thickness.

They can be supplied as Feeder only, or with a Straightener to suit your use-case.



**Mini Servo
Feeder with
Straightener**



**Explore
the full Coil
Processing
Range today**



Machine Features

- Coil Servo Feeder
- Roller Group - Gear Transmission
- Servo Motorised with Reducers
- Adjustable Working Speed
- Operating from Touchscreen Panel
- 50 Different Feeding Lengths
- Multiple External Outputs
- Press Control Automation System
- Mold Memory System
- Mold Protection System
- Mold Lubrication System
- Encoder

Optional Equipment

- Pair the Servo Feeder with a straightener for improved accuracy and quality



Mini Servo Feeder

Mini Servo Feeder with Straightener



TECHNICAL SPECIFICATIONS

MODEL		MSF103				MSF203				MSF303				MSFS103				MSFS203											
Servo Speed (in the free working condition)	m/min	150				150				150				32				32											
Coil Thickness (Min / Max)	mm	0.3	1	2	3	0.3	1	2	3	0.3	1	2	3	0.3	1	2	3	0.3	1	2	3	0.3	1	2	3				
Setting Width (max)	mm	100		x		200		x		300		x		100		x		200		x		50				80			
Setting Width Range (Min / Max)	mm	20 - 100				20 - 200				30 - 300				20 - 100				20 - 200											
ROLLERS																													
Servo Roller Quantity		2 Pieces (1 + 1)				2 Pieces (1 + 1)				2 Pieces (1 + 1)				2 Pieces				2 Pieces											
Straightener* Roller Quantity (MSFS Only)		N/A				N/A				N/A				5 Pieces				5 Pieces											
Total Servo Roller Quantity		2				2				2				7 (4 Bottom / 3 Upper)				7 (4 Bottom / 3 Upper)											
Roller Diameter	Ø mm	80				80				80				80 - 60				80 - 60											
LATERAL GUIDES																													
Guiding System		Horizontal Bearings				Horizontal Bearings				Horizontal Bearings				Horizontal Bearings				Horizontal Bearings											
Width Adjustment		Via Gearing System				Via Gearing System				Via Gearing System				Via Bearing System				Via Bearing System											
SERVO FEEDER CONTROL SYSTEMS & FEATURES																													
Gear Group with Low Backlash		Cementation Steel (8620)				Cementation Steel (8620)				Cementation Steel (8620)				Cementation Steel (8620)				Cementation Steel (8620)											
Servo Feeder Reducer		1/5				1/5				1/5				1/20				1/20											
Servo Power Transfer System		Gear System				Gear System				Gear System				Gear System				Gear System											
Progressive Mold Plotting System		Pneumatic				Pneumatic				Pneumatic				Pneumatic				Pneumatic											
Rollers Pressure Adjustment		Pneumatic Pistons				Pneumatic Pistons				Pneumatic Pistons				Pneumatic Pistons				Pneumatic Pistons											
Upper and Lower Rollers Transmission		Gear System (2 + 2)				Gear System (2 + 2)				Gear System (2 + 2)				Gear System (2 + 2)				Gear System (2 + 2)											
Servo Motor	kW	1.5				1.5				2				1.5				2											
Servo Software		250 different driving mold memory, 50 different length options, 7" Touch Screen with 8 different external output connection options																											