



## SFS Servo Feeder with Straightener 415v

The Morgan Rushworth Servo Feeders has a Working Capacity of 20mm to 800mm Coil Width and 0.2 mm to 4mm Thickness. 9 Rollers ensure that decoiled material is straightened and proceeds to the next phase of the process as accurately and uniformly as possible.

**Explore  
the full Coil  
Processing  
Range today**



## Machine Features

- Coil Servo Feeder & Straightener
- Roller Group – Gear Transmission
- Straightening Adjustment / Accurate Positioning
- Coil Routing Platform
- Coil Bending Arm
- Automatic Mold Height Adjustment
- 50 Different Feeding Lengths
- Multiple External Outputs
- Press Control Automation System
- Mold Memory System
- Mold Protection System
- Mold Lubrication System
- Encoder



## TECHNICAL SPECIFICATIONS

MODEL		SFS304					SFS404					SFS604					SFS804						
Servo Speed (in the free working condition)	m/min	32					32					32					32						
Coil Thickness (Min / Max)	mm	0.5	1	2.5	3	4	0.5	1	2.5	3	4	0.5	1	2.5	3	4	0.5	1	2.5	3	4		
Setting Width (max)	mm	300		x	x		400			x	x		600			x	x		800			x	x
		200			x		200				x		250				x		250				x
		120					120						120						120				
Setting Width Range (Min / Max)	mm	20 - 100					40 - 400					60 - 600					60 - 800						
ROLLERS																							
Servo Roller	Ø mm	2 x 85					2 x 85					2 x 85					2 x 85						
Straightener Roller	Ø mm	5 x 85					5 x 85					5 x 85					5 x 85						
Pinch Roller	Ø mm	2 x 85					2 x 85					2 x 85					2 x 85						
Total Servo Rollers		9 (5 Bottom, 4 Upper)					9 (5 Bottom, 4 Upper)					9 (5 Bottom, 4 Upper)					9 (5 Bottom, 4 Upper)						
Straightener Adjustment		Double Reducer System					Double Reducer System					Double Reducer System					Double Reducer System						
LATERAL GUIDES																							
Guiding System		Horizontal Rollerss					Horizontal Bearings					Horizontal Bearings					Horizontal Bearings						
Width Adjustment		Via Bearing System					Via Gearing System					Via Gearing System					Via Bearing System						
Guiding System		2 Pieces					2 Pieces					2 Pieces					2 Pieces						
SERVO FEEDER CONTROL SYSTEMS & FEATURES																							
Gear Group with Low Backlash		Cementation Steel (8620)					Cementation Steel (8620)					Cementation Steel (8620)					Cementation Steel (8620)						
Servo Feeder Reducer		1 / 20					1 / 20					1 / 20					1 / 20						
Servo Power Transfer System		Gear System					Gear System					Gear System					Gear System						
Progressive Mold Plotting System		Pneumatic					Pneumatic					Pneumatic					Pneumatic						
Rollers Pressure Adjustment		Pneumatic Pistons					Pneumatic Pistons					Pneumatic Pistons					Pneumatic Pistons						
Upper and Lower Rollers Transmission		Gear System					Gear System					Gear System					Gear System						
Servo Software		250 different driving mold memory, 50 different length options, 7” Touch Screen with 8 different external output connection options																					