

Description

The Minster MHSF3 High Speed Servo Feed is a feature-packed solution for feeding material up to .118" (3,0mm) thick at high speeds. This bracket-mounted feed is designed to provide the user with the efficiency, accuracy, and high reliability that is required for the demanding high speed market.



MHSF3



Multi-Functional Hand Held Set-Up Pendant

Standard Features

- Two-piece heavy cast bracket frame with vibration-isolated feed housing.
- Highly durable chrome blast feed rolls.
- Direct drive lower feed roll.
- Allen-Bradley low-inertia servomotor with high resolution feedback.
- Both upper and lower rolls driven.
- Upper roll driven by helical, zero-backlash gear set.
- Straight lead-in catenary.
- Minster's high speed pneumatic roll lift.
- Automatic material thickness adjustment.
- Automatic roll lift height adjustment.
- Programmable feed settings.
- Programmable pinch roll force.
- Micro feed length adjustment during operation.
- Allen-Bradley drive control.
- Multi-functional hand-held set-up pendant.
- Electronically-cammed feed motion.
- 200 tool storage capability.
- Motion analysis software.
- Adjustable passline height.



Minster exclusive PMC operator interface.

Specifications

	Model	MHSF3-355	MHSF3-510	MHSF3-660	MHSF3-1000
Maximum Stock Width	In.	14.0	20.0	26.0	40.0
	mm	355	510	660	1000
Minimum Stock Width	In.	1.0	1.0	1.0	1.0
	mm	25	25	25	25
Max. Stock Thick. x Width (50,000 PSI Yield)	In.	0.118 x 9.0	0.118 x 9.0	0.118 x 9.0	0.118 x 19.0
	mm	3,0 x 230	3,0 x 230	3,0 x 230	3,0 x 483
Max. Stock Thick. @ Full Width (50,000 PSI Yield)	In.	0.90 x 14.0	0.075 x 20.0	0.064 x 26.0	0.064 x 40.0
	mm	2,3 x 355	1,9 x 510	1,6 x 660	1,6 x 1016
Minimum Stock Thickness	In.	0.010	0.010	0.010	0.010
	mm	0,25	0,25	0,25	0,25
Feed Roll Face Diameter	In.	3.31	3.31	3.31	3.31
	mm	84	84	84	84
Feed Roll Face Width	In.	2.75	3.75	4.75	6.75
	mm	70	95	120	171
Number of Rolls Driven		2	2	2	2
Roll Opening For Threading	In.	0.20	0.20	0.20	0.20
	mm	5	5	5	5
Feed Roll Position Accuracy	In.	±0.002	±0.002	±0.002	±0.002
	mm	±0,05	±0,05	±0,05	±0,05
Maximum Speed		800 SPM	800 SPM	800 SPM	400 SPM