

MD Series ATS Bar Feeders

Reliability By Design

3-YEAR WARRANTY

Standard Terms
With ATS Systems
Installation and Training



FEATURES

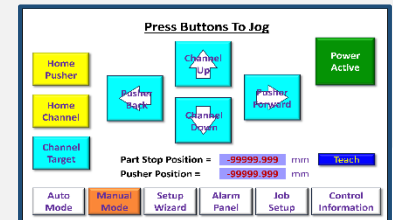
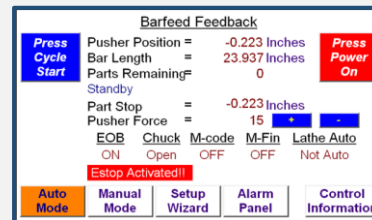
- ✓ 2 electric motors
- ✓ No pneumatics or air compressor is required
- ✓ No water traps to drain or seals to wear

PROVEN MECHANICAL DESIGN

- ✓ The MD reload process is quick, efficient, and reliable
- ✓ Manual lever adjusts the gap between the material tray and V-Channel between jobs
- ✓ 90% of the mass is below the centerline for maximum rigidity and balance
- ✓ Faster setups thanks to open-top design
- ✓ Easily change lathe spindle liners without moving the barfeed
- ✓ X-axis slide mechanism for full access to the rear of the spindle

EASYSETUP WITH ALL LATHES

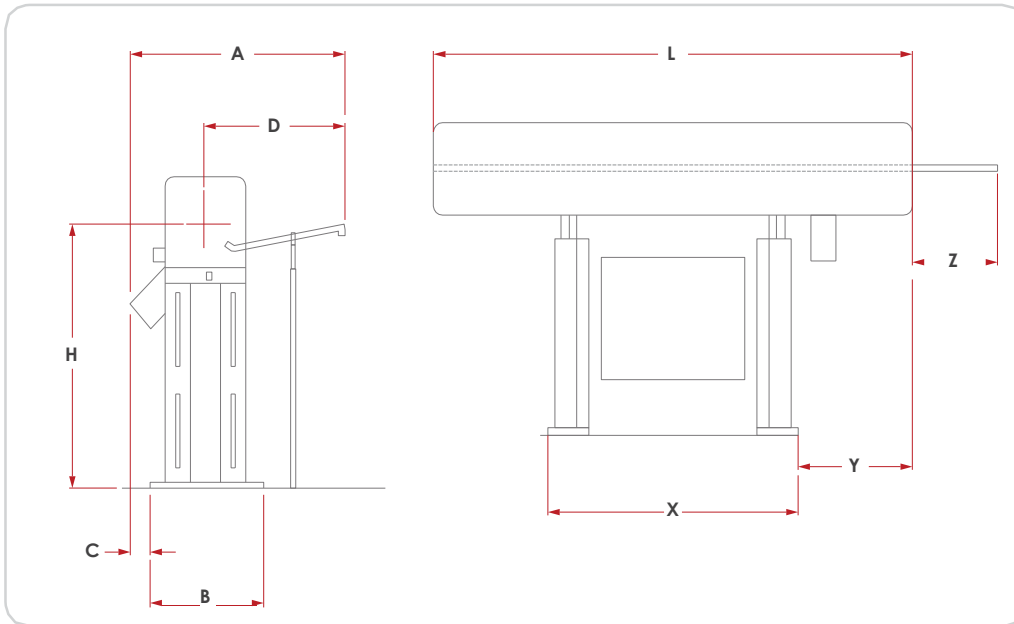
- ✓ “Quick-setup wizard” prompts entry of five parameters
- ✓ Store 250 part setup programs for repeat jobs



Setup Parameter	Current Value	Enter New Value
Bar Diameter Round Bar	2.000 Inches	2.000
Feedout Length Per Push	2.000 Inches	2.000
Reload Position	2.000 Inches	2.000
Barfeed, Magazine, Chucking Parts Stop	Barfeed	Barfeed
Turret Stop or Position Mode	Position	Position
End Of Bar EOB Auto	3.250 Inches	3.250

Exit Save Inch Metric

MD Series ATS Bar Feeders Specifications



DIMENSION	INCHES
MD	
A	46
B	19
C	9
D	14
H Max	46.2
H Min	32.5
L	83
X	47
Y	14
Z Max	65

MD Series Model Features

MD SERIES BARFEED				
Features	MD-565	MD-580	MD-595	MD-12.102
Min/Max Bar Diameter	0.2 - 2.56	0.2 - 3.13	0.2 - 3.75	0.5-4
Max Bar Length-In		60"		72"
Max Stroke-In		65"		80"
Approximate Changeover Time	Up to 2 minutes + spindle liner change			
Materials Tray Capacity, 1" Diameter Bars	25 Bars			
Weight Net / Gross lbs.	850/1260			
Reloading Driven by	Electric Motor			
Feeding Driven by	400W Servo Motor			
Feeding Method	Feed to Turret, Serve Feed, Sub-Spindle Pull			
Note: Feeding tolerance: Servo =/-0.004" subject to bar condition and workholding. Feeding to turret and sub-spindle pull governed by lathe accuracy (+/-0.0005" typical)				

Workholding: Ultimate Chuck | Air Chucks | Cylinders | Collet Chucks | Steady Rests | 5th Axis
Coolant Management: High-Pressure Filtration | Chillers | Mist Collection | MasterAll Fluids
Automation: Bar Feeders | Rotary Tables | Xcellerate | Tombstones | Trunnions | Indexers

