

FMB Turbo RS 3-38 AA

Automatic Magazine Bar Feeder for Sliding Headstock CNC Lathes

EDGE ○○○
TECHNOLOGIES



*Diameter range: 3mm to 36mm (0.118" to 1.417")
38mm (1.500") max with bar prep.*

Bar length: 1000mm to 3800mm (39.4" to 12'5")



RS technology. As raw material travels, a sliding guide module and moving steady rest provide support in the transition zone between bar feeder and lathe.



Conversational HMI. User-friendly software delivers fast setup on easier jobs and powerful advanced features for more sophisticated demands with a 300-part program storage.



Auto Adjust. Adjusting the bar separation adjusts a dynamic guidance unit for the guide channels.

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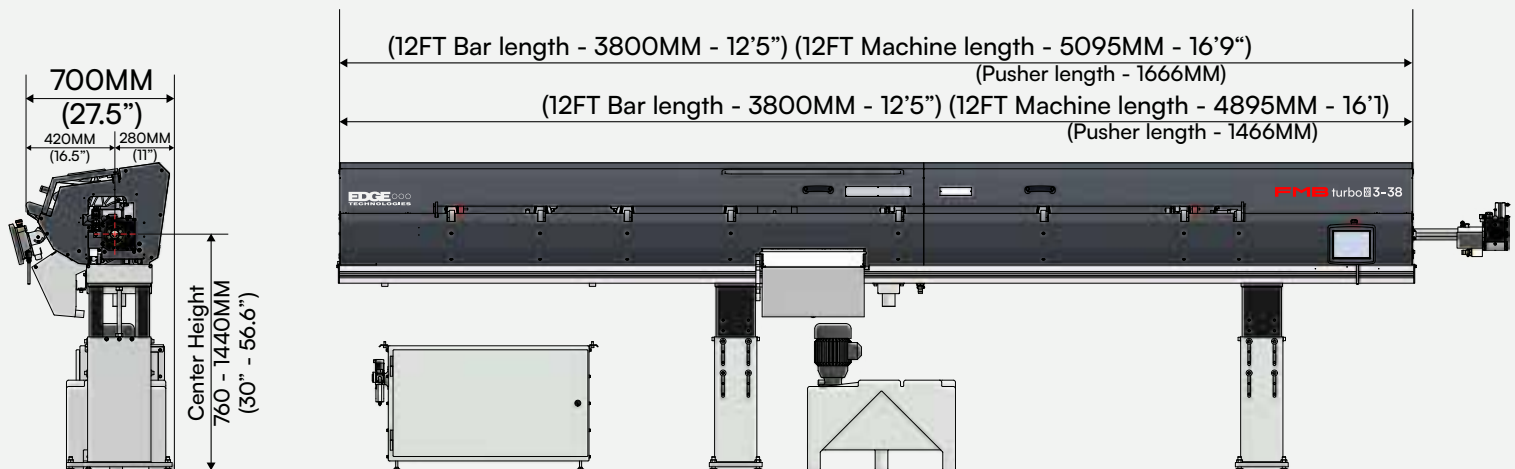


Technical Specifications

Bar Diameter 3mm - 38mm (0.118" - 1.500")	Operating Voltage 230-400 V/60 Hz - 3 phase
Bar Length 1000mm - 3800mm (39.4" - 12'5")	Control Voltage 24V DC
Magazine Rack Capacity 279.4mm (11")	Oil Capacity 57 liters (15 gallons)
Maximum Remnant Length 450mm (17.71")	Oil Viscosity ISO 100 cST - Machine oil ISO BG32 - Air oil
Bar Loading Cycle Time Approx. 30 sec for 12' bars	Compressed Air Supply 6 bar (90 psi)
Feed Force (Pusher Torque) Max 450 N, adjustable	Compressed Air Consumption ~10 liters per loading cycle
Forward Feed Rate 592mm/sec (1400in/min) max, adjustable	Machine Weight (w/out Oil) 1632 kg (3600 lbs)
Return Feed Rate 1000mm/sec (2360in/min) max, adjustable	Material Straightness Specification 0.007" TIR/foot of material (V blocks, 6' equidistant)
Power Consumption 2 kW/2.5 kVA	

Guide Channel Sizes

Guide Channel Sets	Pusher Dia.	Min. Bar Size	Max. Bar Size	Max. Bar Size with Front Remnant Expulsion*
Ø 7mm	7mm	3mm (0.118")	6.4mm (0.250")	7mm (0.275")
Ø 10mm	10mm	3mm (0.118")	8mm (0.315")	10mm (0.393")
Ø 12mm	12mm	3mm (0.118")	10.4mm (0.409")	12mm (0.472")
Ø 15mm	15mm	3.2mm (0.125")	13.5mm (0.531")	15mm (0.590")
Ø 18mm	18mm	3.2mm (0.125")	16mm (0.625")	18mm (0.708")
Ø 20mm	20mm	8mm (0.315")	18mm (0.708")	20mm (0.787")
Ø 22mm	22mm	8mm (0.315")	20mm (0.787")	22mm (0.866")
Ø 25mm	25mm	10mm (0.393")	23mm (0.905")	25mm (0.984")
Ø 28mm	27 or 28mm	10mm (0.393")	26mm (1.023")	28mm (1.102")
Ø 32mm	32mm	10mm (0.393")	30mm (1.181")	32mm (1.259")
Ø 34mm	34mm	12.7 (0.500")	31.75mm (1.250")	34mm (1.338")
Ø 36mm	35 or 36mm	12.7 (0.500")	33.3mm (1.312")	36mm (1.417")
Ø 38mm	38mm	12.7 (0.500")	36mm (1.417")	38mm (1.500")



Edge Technologies

Bar feeding has remained the focus at Edge Technologies for 40+ years. Experience and range of model offerings drive our customer-based approach to solving your bar feeding needs. Service, parts, and technical support have always been the backbone of the company, because we understand that performance and up-time of a bar feeder is a difference maker to your bottom line.

Scan here for more information about the FMB Turbo RS 3-38 AA



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