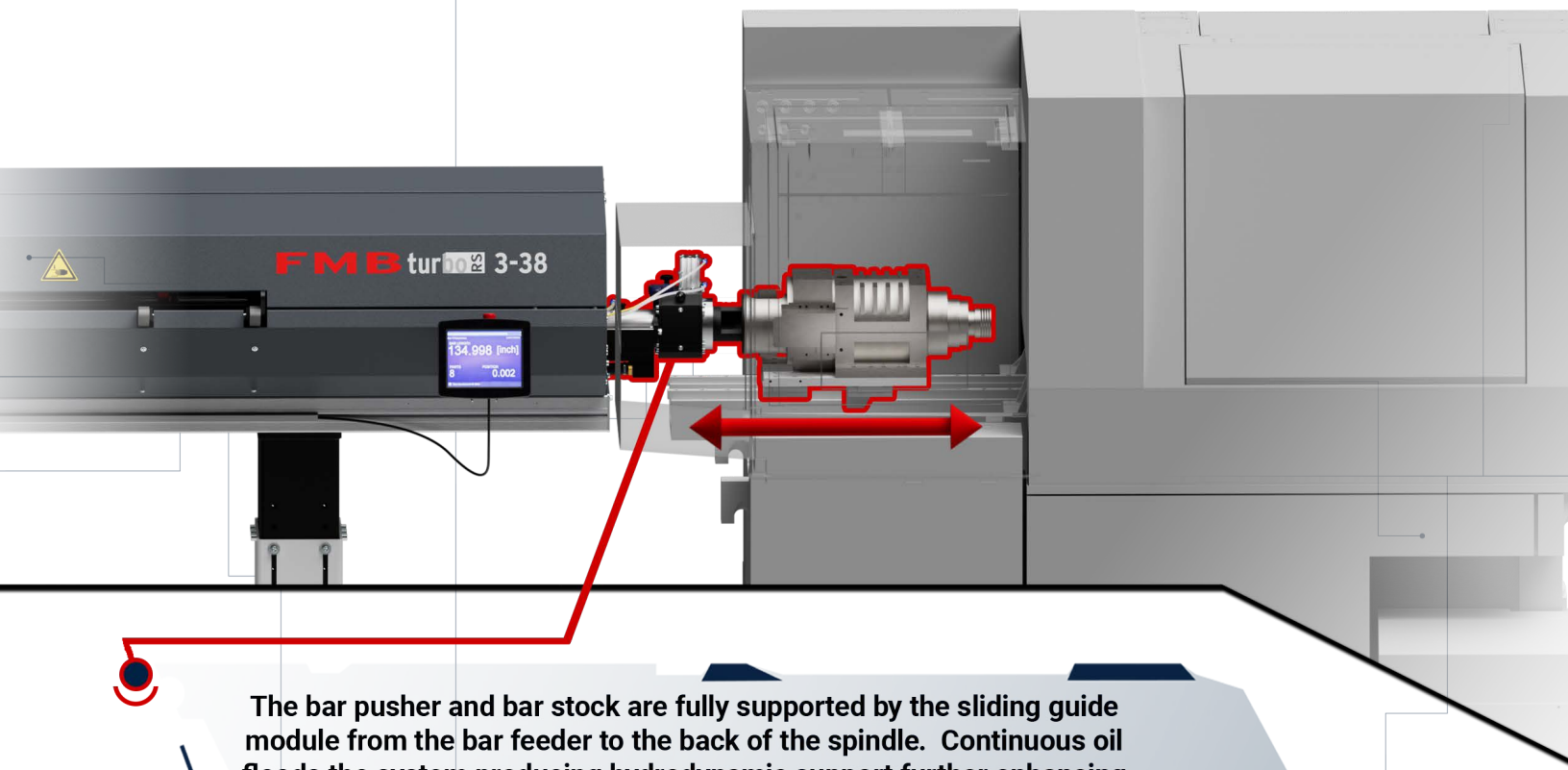
EDGE TECHNOLOGIES

FMB turbo RS 3-38

The RS's patented sliding guide module fully integrates the bar feeder, guide channel, and moving steady rest with the lathe spindle resulting in superior bar stability and RPM performance.



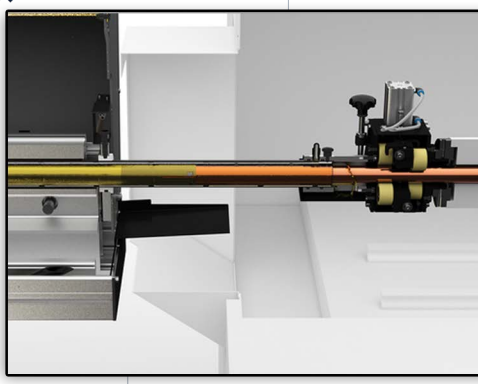
The bar pusher and bar stock are fully supported by the sliding guide module from the bar feeder to the back of the spindle. Continuous oil floods the system producing hydrodynamic support further enhancing bar stability and heat dissipation.

Key Features

- Reduces vibration
- Optimizes maximum lathe RPM
- Minimizes the gap between bar feeder and lathe
- Eliminates telescopic nose & reduces lathe adaption hardware
- Simplifies installation and set-up

Scan QR code to watch demo

Superior material guidance extending all the way to the lathe's spindle



The oil-flooded guide channel ensures the highest level of performance in its class

EDGE TECHNOLOGIES

FMB turboRS 3-38

Technical Data

Specifications

Power consumption
1.5 kW - (2kVA)

Feed force
adjustable, max. 550 N

Forward feed rate
adjustable 1400 in/min

Return feed rate
adjustable 2360 in/min

Loading time
30 sec (for 12 ft. bars)

Oil capacity
80 liters (22 gallons)

Oil viscosity
ISO 150 cST

Operating voltage
230-460V/60Hz - 3 phase

Compressed air supply
6 bar (90 psi)

Compressed air consumption
approx. 10 liters per loading cycle

Weight without oil
1500 kg (3,300 lbs)

Remnant length
450 mm max. (17.71 inches)

Magazine capacity
11“

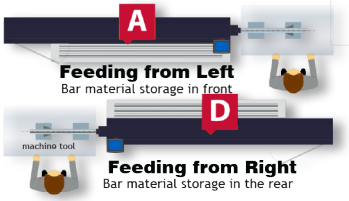
Material Straightness Spec.
(.007” TIR/foot of material (V blocks, 3 points equidistant)

Available Options

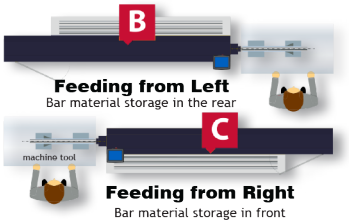
- Additional guide channel set
- Air knife
- Extended length Unit
- Bundle loader option
- Extended rack option
- Profiled barstock collets
- Ethernet lathe connection
- Dual channel safety kit

Loading Configuration

Type A/D - Standard



Type B/C - Optional*

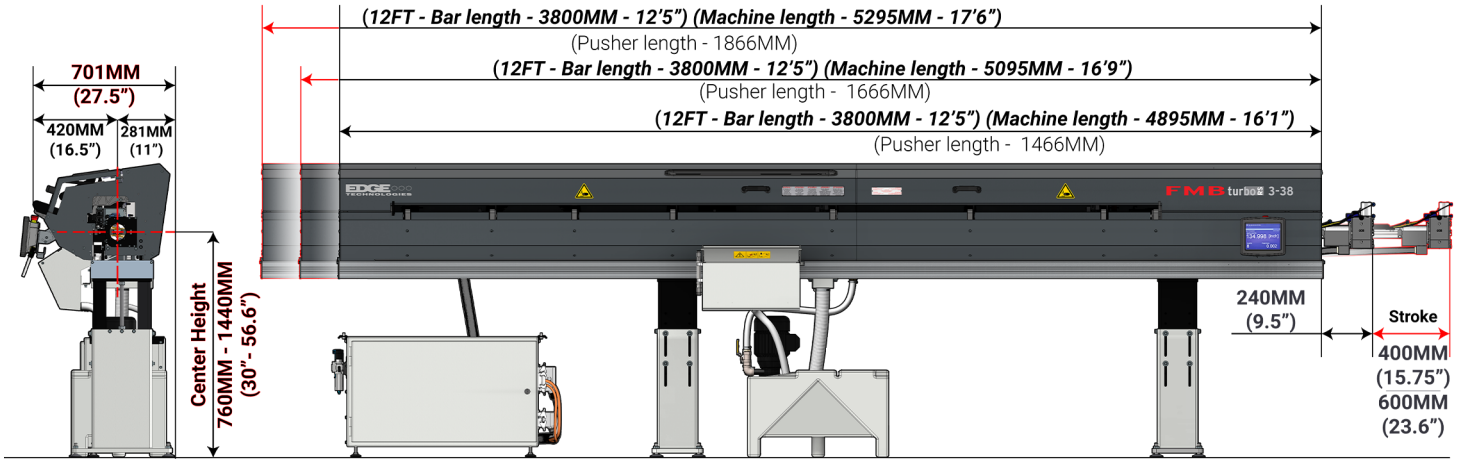


*By special request only

Guide Channel Sizes

Guide Channel Sets	Pusher Diameter	Minimum Bar Size	Maximum Bar Size	*Maximum Bar Size with Front Remnant Expulsion
Ø 7 mm	7 mm	3 mm (.118”)	6.4 mm (.250”)	7 mm (.275)
Ø 10 mm	10 mm	3 mm (.118”)	8 mm (.315”)	10 mm (.393)
Ø 12 mm	12 mm	3 mm (.118”)	10.4 mm (.409”)	12 mm (.472”)
Ø 15 mm	15 mm	3.2 mm (.125”)	13.5 mm (.531”)	15 mm (.590”)
Ø 18 mm	18 mm	3.2 mm (.125”)	16 mm (.625”)	18 mm (.708”)
Ø 20 mm	20 mm	8 mm (.315”)	18 mm (.708”)	20 mm (.787”)
Ø 22 mm	22 mm	8 mm (.315”)	20 mm (.787”)	22 mm (.866”)
Ø 25 mm	25 mm	10 mm (.393”)	23 mm (.905”)	25 mm (.984”)
Ø 28 mm	27 or 28 mm	10 mm (.393”)	26 mm (1.023”)	28 mm (1.102”)
Ø 32 mm	32 mm	10 mm (.393”)	30 mm (1.181”)	32 mm (1.259”)
Ø 34 mm	34 mm	12.7 mm (.500”)	31.75 mm (1.250”)	34 mm (1.338”)
Ø 36 mm	35 or 36 mm	12.7 mm (.500”)	33.3 mm (1.312”)	36 mm (1.417”)
Ø 38 mm	38 mm	12.7 mm (.500”)	36 mm (1.417”)	38 mm (1.500”)

(*) This max diameter is attainable only if remnant is ejected through the lathe spindle or if one end of the bar stock is turned down to a smaller O.D. to accept a smaller O.D. collet.



EDGE TECHNOLOGIES PRODUCTIVITY SOLUTIONS PROVIDER
11600 ADIE ROAD MARYLAND HEIGHTS, MO 63043
314.692.8388 www.edgetechnologies.com