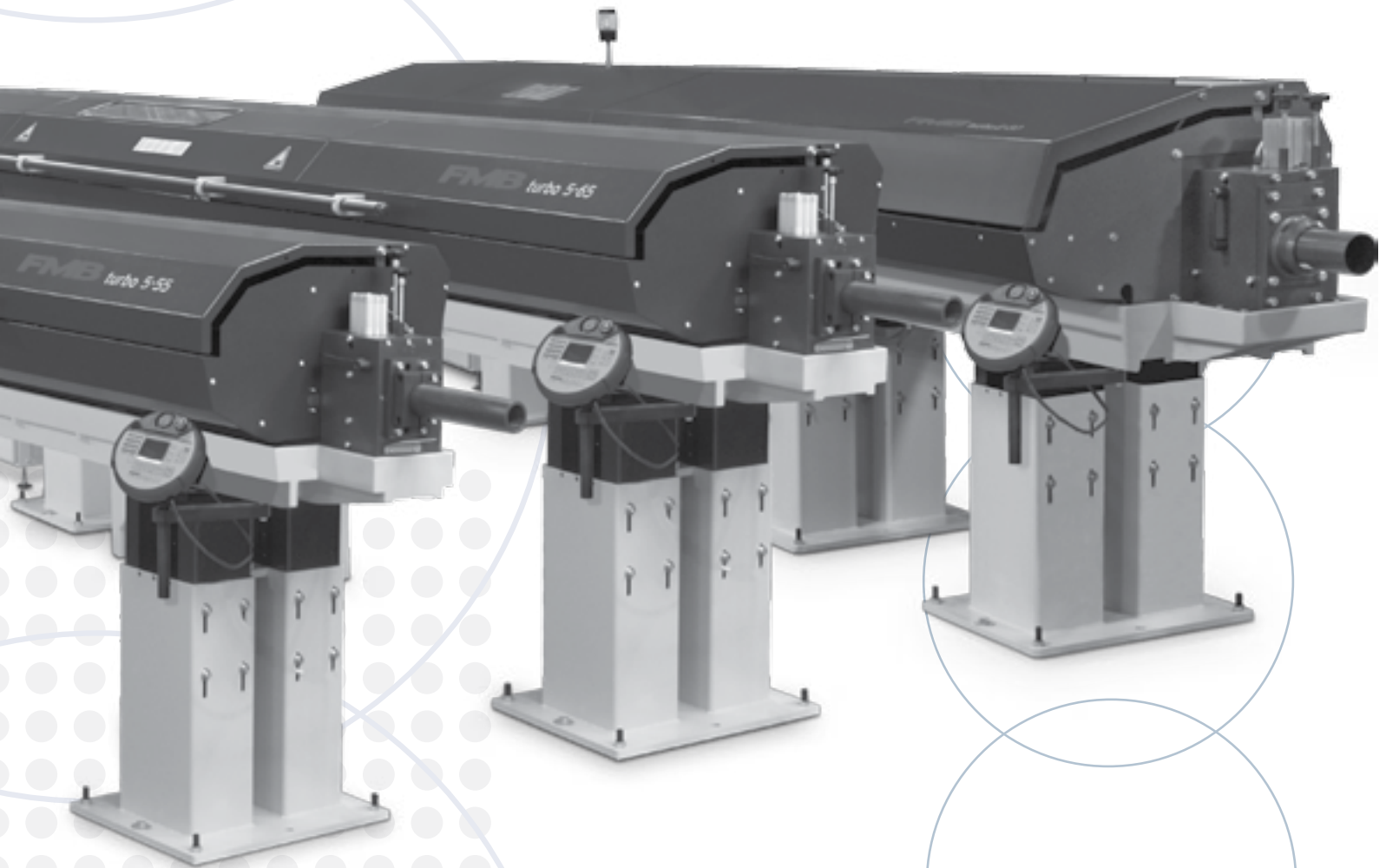




Bar Feeder Pricing

January 2012



PRODUCTIVITY SOLUTIONS

Table Of Contents

EDGE PRODUCTS

Minuteman 320 SE.....2
Patriot 338.....4
Patriot 5516
Rebel Ecofeed.....8
Rebel V-65 Servo.....10
Rebel 80 Servo12
Rebel 102 SE.....14

FMB PRODUCTS

Micromag 0.8-20.....16
Minimag 20.....18
Turbo 2-20.....20
Turbo 3-26.....22
Turbo 3-38.....24
Turbo 5-55.....26
Turbo 5-65.....28
Turbo 8-80.....30

CUSTOM PRODUCTS

Special Application Units.....32
Accessories.....32

Regional Sales Contacts.....33

Edge Technologies’ Minuteman 320 SE / Magazine Bar Feeder

For Swiss or fixed headstock lathes. Runs up to 12’ bars in a diameter range of 3 mm to 26 mm.

Minuteman 320 SE

Specifications

- Bar diameter capacity: 3 mm to 26 mm (.118” to 1.062”)
- Automatic loading magazine — 10 linear inches of rack capacity
- Double pusher, space saving design
- Polyurethane Quick Change guide channel — noise & vibration dampening
- Hydrodynamic support via high volume oil flow into channels
- Mitsubishi motion control — dependable and user friendly, allows easy bar feeder parameter changes
- Dual anti-vibration devices—one internal to the bar feeder, the other mounted between the telescopic nose and the lathe headstock.

Standard Features

- (1) Guide channel set to be chosen by customer. Several sizes to choose from, each handling a specific stock range. See chart on next page (spindle liner required if channel set is not lathe’s max capacity)
- (1) Standard telescoping front nose matched to the guide channel set
- (1) O.D. bar stock collet (to be chosen by customer, specific collet needed for each stock diameter)
- Swiss headstock synchronization device
- Automatic remnant retraction, self centering gripper
- Custom lathe cable and interface plugs

List Price

Minuteman 320 12’\$21,500.00
Minuteman 320 12’ 2 Guide Channel Set Complete Package
Includes (2) Channel Sets, (2) Pushers,
(2) Telescopic Noses & (2) Pusher Collets\$23,495.00

Minuteman 320 6’\$18,500.00
Minuteman 320 6’ 2 Guide Channel Set Complete Package
Includes (2) Channel Sets, (2) Pushers,
(2) Telescopic Noses & (2) Pusher Collets\$20,495.00

Installation.....\$3,100.00 net price

Includes

- (1) Guide channel set to be chosen by customer
- (1) Standard telescopic nose to match guide channel set
- (1) O.D. bar stock pusher collet
- (1) Custom lathe cable and interface plug

Optional Accessories

Additional guide channel set (includes pusher, revolving tip, standard telescopic nose and spindle liner)\$2,750.00

Spindle liner (needed when opting for a guide channel set smaller than the lathe’s capacity set)\$420.00

Bar stock pusher collets\$90.00

Moveable anti-vibration bushing blocks required for profiled material, available in 8mm, 16mm & 22mm.....\$110.00

High voltage kit (required for some lathes)\$1,500.00

Minuteman 320 SE available in extended length versionsContact Edge Sales



Technical Specifications

Bar diameter capacity—no bar prep: 3 mm to 25.4 mm (.118” to 1.00”)
Bar diameter capacity—with bar prep: 3 mm to 27 mm (.118” to 1.062”)
Maximum bar length: 3800 mm (12 feet 5 inches)
Maximum remnant length: 420 mm (16.5”)
Magazine rack capacity: 10”
Bar loading cycle time: 35 seconds for 12-foot bar
Material straightness specification: .007”TIR/foot of material (V blocks, 3 points equidistant)

Feed force (pusher torque): max 450 N, adjustable
Forward feed rate: 1400 inches/minute max, adjustable
Return feed rate: 2360 inches/minute max, adjustable

Power consumption: 1.5 kW
Operating voltage: 230V/60Hz 3-phase
Control voltage: 24V DC

Oil capacity: 46 liters (12 gallons)
Oil viscosity: ISO 100 cST

Compressed air supply: 6 bar (90 psi)
Compressed air consumption: approx. 8 liters per loading cycle

Machine weight: 1,320 lbs

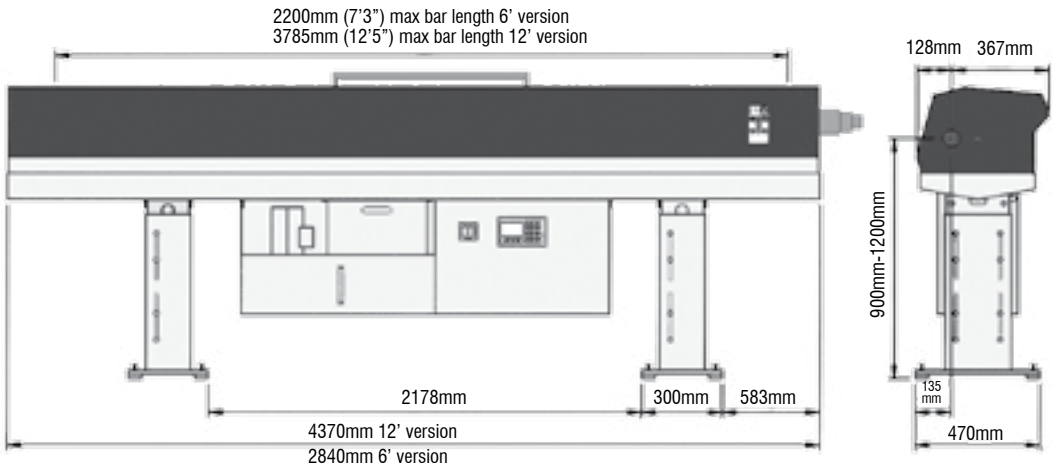
Channel	Ø	Min	Max	Max Bar With Remnant Ejection
8	7.5	3mm (.118")	6.4mm (.250")	7mm (.275")
11	10	3mm (.118")	9mm (.354")	10mm (.393")
14	12	3.2mm (.125")	11mm (.437")	13mm (.512")
18	16	5mm (.196")	13.5mm (.531")	17mm (.669")
20	18	8mm (.315")	18mm (.709")	19mm (.750")
22	20	8mm (.315")	19mm (.750")	21mm (.826")
24	22	8mm (.315")	20.7mm (.817")	23mm (.905")
28	26	10mm (.395")	25.4mm (1.0")	27mm (1.062")

Installation

We recommend that an Edge Technologies authorized technician perform the installation, verification, and training on your bar feeder system. The \$3,100 is a net price and is a “per trip” price. In order to achieve effective and comprehensive training and run-off, it is advised that the lathe be tooled up, program ready, and capable of making parts prior to the arrival of Edge Technologies’ Service Technician. Return visits due to post run-off reinstallations or a lack of customer and/or dealer readiness will be billed at \$125.00/hour labor and \$85.00/hour travel plus expenses.

Warranty and lifetime phone support

Edge Technologies’ bar feeders come with a one-year parts and labor warranty. Edge Technologies provides free phone support to the original owner as long as you own the equipment.



Edge Technologies’ Patriot 338 / Magazine Bar Feeder

For Swiss or fixed headstock lathes. Runs up to 12’ bars in a diameter range of 3 mm to 38 mm.

Patriot 338

Specifications

Standard Features

- Bar diameter capacity: 3 mm to 38 mm (.118” to 1.50”)
 - Automatic loading magazine — 12 linear inches of rack capacity
 - Double pusher, space saving design
 - Polyurethane guide channel system — noise & vibration dampening
 - Quick change guide channels and pusher
 - Hydrodynamic support via high volume oil flow into channels
 - Mitsubishi motion control — dependable and user friendly, allows easy bar feeder parameter changes
 - 36 part program memory storage for quick changeover
 - Dual anti-vibration devices – one external to the bar feeder, the other mounted between the telescopic nose and the lathe headstock.
- (1) Guide channel set to be chosen by customer. Several sizes to choose from, each handling a specific stock range. See chart on next page (spindle liner required if channel set is not lathe’s max capacity)
 - (1) Standard front telescopic nose to match guide channel set
 - (1) O.D. bar stock collet (to be chosen by customer, specific collet needed for each stock diameter)
 - (1) Bushing block for outboard anti-vibration device to be chosen by customer based on bar diameter
 - Automatic remnant retraction, self centering gripper
 - Synchronization device and Swiss lathe adaption kit
 - Custom lathe cable and interface plugs
 - Air knife with flow control valve

List Price

- Edge Patriot 338 12’

.....\$29,500.00
- Edge Patriot 338 12’ 2 Guide Channel Set Complete Package

Includes (2) Channel Sets, (2) Pushers,
(2) Telescopic Noses, (2) Pusher Collets & (2) Sets of Bushing Blocks

.....\$32,100.00
- Edge Patriot 338 8’

.....\$27,000.00
- Edge Patriot 338 8’ 2 Guide Channel Set Complete Package

Includes (2) Channel Sets, (2) Pushers,
(2) Telescopic Noses, (2) Pusher Collets & (2) Sets of Bushing Blocks

.....\$29,600.00

Installation.....\$3,100.00 net price

Includes

- (1) Guide channel set to be chosen by customer
- (1) Standard telescopic nose to match guide channel set
- (1) Barstock collet
- (1) Outboard anti-vibration device bushing block set
- (1) Swiss style synchronization and lathe adaption kit
- (1) Custom lathe cable and interface plug

Optional Accessories

- Additional guide channel set (includes pusher, revolving tip, standard telescopic nose & spindle liner)
-\$3,250.00
- Spindle liner (needed when selecting a guide channel set other than the lathe’s maximum capacity)
-\$420.00
- Bar stock pusher collets (specific collet required for each bar diameter):
- Pusher collet for bar stock O.D.’s up to 38mm.....
-\$125.00
- Bushing blocks for outboard anti-vibration device (set required for every stock diameter).....
-\$120.00
- Moveable anti-vibration bushing blocks required for profiled material (8mm - 20mm - 30mm).....
-\$120.00
- High Voltage Kit (required for some lathes).....
-\$1,500.00



Guide Channel Sets	Pusher Diameter	Minimum Bar Size	Maximum Bar Size	Max. Bar Size With Front Remnant Expulsion *
Ø 13 mm	12.5 mm	3 mm (.118")	10 mm (.393")	12 mm (.472")
Ø 17 mm	16.5 mm	5 mm (.196")	15 mm (.591")	16 mm (.629")
Ø 21 mm	20.5 mm	8 mm (.315")	16 mm (.630")	20 mm (.787")
Ø 26 mm	25.0 mm	8 mm (.315")	22.2 mm (.875")	25 mm (.984")
Ø 28 mm	27.5 mm	10 mm (.393")	25.4 mm (1.00")	27 mm (1.062")
Ø 33 mm	32.5 mm	10 mm (.393")	28.5 mm (1.125")	32 mm (1.259")
Ø 36 mm	35.5 mm	12.7 mm (.500")	32 mm (1.260")	35 mm (1.377")
Ø 39 mm	38.0 mm	15.8 mm (.625")	35.0 mm (1.377")	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.*

Technical Specifications

- Bar diameter capacity—no bar preparation:

Bar diameter capacity—with bar preparation:

Maximum bar length:

Minimum bar length:

Maximum remnant length:

Magazine rack capacity:

Bar loading cycle time:

Material straightness specification:
- 3 mm to 35.0 mm (.118” to 1.377”)

3 mm to 38 mm (.118” to 1.500”)

3800 mm (12 feet 6 inches)

1000 mm (39.4”)

406 mm (16”)

12”

30 seconds for 12-foot bar

.007”TIR/foot of material (V blocks, 3 points equidistant)
- Feed force (pusher torque):

Forward feed rate:

Return feed rate:
- max 450 N, adjustable

750 inches/minute max, adjustable

1000 inches/minute max, adjustable
- Power consumption:

Operating voltage:

Control voltage:
- 1.5 kW

230V/60Hz 3-phase

24V DC
- Oil capacity:

Oil viscosity:
- 57 liters (15 gallons)

ISO 100 cST
- Compressed air supply:

Compressed air consumption:
- 6 bar (90 psi)

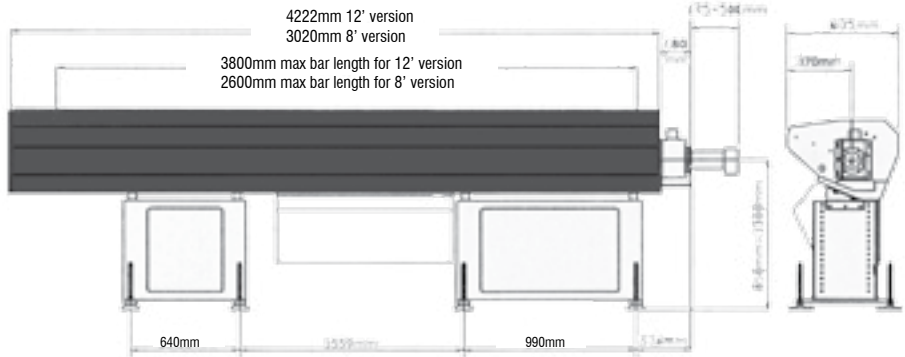
approx. 8 liters per loading cycle
- Machine weight:
- 2,500 lbs

Installation

We recommend that an Edge Technologies authorized technician perform the installation, verification, and training on your bar feeder system. The \$3,100 is a net price and is a “per trip” price. In order to achieve effective and comprehensive training and run-off, it is advised that the lathe be tooled up, program ready, and capable of making parts prior to the arrival of Edge Technologies’ Service Technician. Return visits due to post run-off installations or a lack of customer and/or dealer readiness will be billed at \$125.00/hour labor and \$85.00/hour travel plus expenses.

Warranty and lifetime phone support

Edge Technologies’ bar feeders come with a one-year parts and labor warranty. Edge Technologies provides free phone support to the original owner as long as you own the equipment.



Edge Technologies’ Patriot 551 / Magazine Bar Feeder

For Swiss or fixed headstock lathes. Runs up to 12’ bars in a diameter range of 5 mm to 51 mm.

Patriot 551

Specifications

Standard Features

- Bar diameter capacity: 5 mm to 51 mm (.196” to 2.00”)
 - Automatic loading magazine — 12 linear inches of rack capacity
 - Double pusher, space saving design
 - Polyurethane guide channel system — noise & vibration dampening
 - Quick change guide channels and pusher
 - Hydrodynamic support via high volume oil flow into channels
 - Mitsubishi motion control — dependable and user friendly, allows easy bar feeder parameter changes
 - 36 part program memory storage for quick changeover
- (1) Guide channel set to be chosen by customer. Several sizes to choose from, each handling a specific stock range. See chart on next page (spindle liner required if channel set is not lathe's max capacity)
 - (1) Front hard nose to match guide channel set
 - (1) O.D. bar stock collet (to be chosen by customer, specific collet needed for each stock diameter)
 - (1) Set bushing blocks for outboard anti-vibration device - to be chosen by customer based on bar diameter
 - Automatic remnant retraction, self centering gripper
 - Custom lathe cable and interface plugs

List Price

- Patriot 551 12’**

Patriot 551 12’ 2 Guide Channel Set Complete Package
Includes (2) Channel Sets, (2) Pushers,
(2) Hard Noses, (2) Pusher Collets & (2) Sets of Bushing Blocks

\$29,995.00
- Patriot 551 8’**

Patriot 551 8’ 2 Guide Channel Set Complete Package
Includes (2) Channel Sets, (2) Pushers,
(2) Hard Noses, (2) Pusher Collets & (2) Sets of Bushing Blocks

\$32,795.00
- Patriot 551 8’**

Patriot 551 8’ 2 Guide Channel Set Complete Package
Includes (2) Channel Sets, (2) Pushers,
(2) Hard Noses, (2) Pusher Collets & (2) Sets of Bushing Blocks

\$27,500.00
- Patriot 551 8’**

Patriot 551 8’ 2 Guide Channel Set Complete Package
Includes (2) Channel Sets, (2) Pushers,
(2) Hard Noses, (2) Pusher Collets & (2) Sets of Bushing Blocks

\$30,300.00
- Installation**

\$3,100.00 net price

Includes

- (1) Guide channel set of your choice (channel sections, pusher, & revolving tip)

(1) Front nose to match guide channel

(1) Barstock collet

(1) Outboard anti-vibration device bushing

(1) Custom lathe cable and interface plug

Optional Accessories

- Additional guide channel set (includes pusher, revolving tip, nose liner & spindle liner)

\$3,250.00
- Spindle liner (needed when selecting a guide channel set other than lathe’s maximum capacity set).....

\$420.00
- Bar stock pusher collets (specific collet required for each bar diameter)

Pusher collet for barstock O.D: up to 38mm

Pusher collet for barstock O.D: 39 to 51mm.....

Front ejection pusher collet for bar stock.....

\$125.00

\$175.00

\$350.00
- Bushing blocks for outboard anti-vibration device (set required for every stock diameter).....

\$120.00
- High Voltage Kit (required for some lathes)

\$1,500.00



Guide Channel Sets	Pusher Diameter	Minimum Bar Size	Maximum Bar Size	Max. Bar Size With Front Remnant Expulsion *
Ø 13 mm	12.5 mm	5 mm (.196")	10 mm (.393")	12 mm (.472")
Ø 17 mm	16.5 mm	5 mm (.196")	15 mm (.591")	16 mm (.629")
Ø 21 mm	20.5 mm	8 mm (.315")	16 mm (.630")	20 mm (.787")
Ø 26 mm	25.0 mm	8 mm (.315")	22.2 mm (.875")	25 mm (.984")
Ø 28 mm	27.5 mm	10 mm (.393")	25.4 mm (1.00")	27 mm (1.062")
Ø 33 mm	32.5 mm	10 mm (.393")	28.5 mm (1.125")	32 mm (1.259")
Ø 36 mm	35.5 mm	12.7 mm (.500")	32 mm (1.260")	35 mm (1.377")
Ø 39 mm	38.0 mm	15.8 mm (.625")	33.3 mm (1.312")	38 mm (1.500")
Ø 43 mm	42.5 mm	19 mm (.750")	38 mm (1.500")	42 mm (1.653")
Ø 46 mm	45.5 mm	22.2 mm (.875")	41.2 mm (1.625")	44.5 mm (1.750")
Ø 52 mm	51.0 mm	25.4 mm (1.00")	47.75 mm (1.880")	50.5 mm (2.00" front ejection only)

**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.*

Technical Specifications

- Bar diameter capacity—no bar preparation:

Bar diameter capacity—with bar preparation:

Maximum bar length:

Minimum bar length:

Maximum remnant length:

Magazine rack capacity:

Bar loading cycle time:

Material straightness specification:
- 5 mm to 47.75 mm (.196” to 1.880”)

5 mm to 51 mm (.196” to 2.00”)

3800 mm (12 feet 6 inches)

1000 mm (39.4”)

406 mm (16”)

12”

30 seconds for 12-foot bar

.007”TIR/foot of material (V blocks, 3 points equidistant)
- Feed force (pusher torque):

Forward feed rate:

Return feed rate:
- max 450 N, adjustable

750 inches/minute max, adjustable

1000 inches/minute max, adjustable
- Power consumption:

Operating voltage:

Control voltage:
- 1.5 kW

230V/60Hz 3-phase

24V DC
- Oil capacity:

Oil viscosity:
- 57 liters (15 gallons)

ISO 150 cST
- Compressed air supply:

Compressed air consumption:
- 6 bar (90 psi)

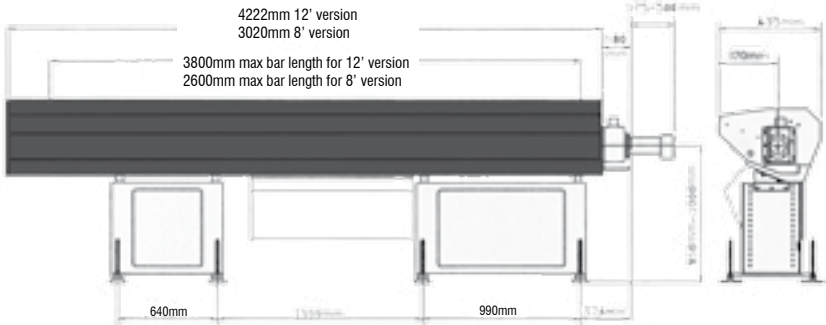
approx. 8 liters per loading cycle
- Machine weight:
- 2,700 lbs

Installation

We recommend that an Edge Technologies authorized technician perform the installation, verification, and training on your bar feeder system. The \$3,100 is a net price and is a “per trip” price. In order to achieve effective and comprehensive training and run-off, it is advised that the lathe be tooled up, program ready, and capable of making parts prior to the arrival of Edge Technologies’ Service Technician. Return visits due to post run-off reinstallations or a lack of customer and/or dealer readiness will be billed at \$125.00/hour labor and \$85.00/hour travel plus expenses.

Warranty and lifetime phone support

Edge Technologies bar feeders come with a one-year parts and labor warranty. Edge Technologies provides free phone support to the original owner as long as you own the equipment.



Edge Technologies’ Rebel Ecofeed Short Bar Feeder

Short magazine bar feeder for diameters up to 67 mm

Rebel Ecofeed

Specifications

Standard Features

- Bar diameter capacity: 5 mm to 67 mm (.196” to 2.63”)
 - Bar length capacity: 48” or 60” (spindle length determined by max. bar length)
 - Magazine capacity is 25 linear inches
 - Mitsubishi PLC controller—powerful & user friendly
 - Easy centerline adjustment using sliding scale
 - Standard x-axis axial shift device
 - Soft load material presentation
 - Remote control pendant
- No special material straightness restrictions
 - Lathe spindle speed can be maximized
 - Material length can be uniform or random
 - Material can be round, hexagonal or shaped
 - (3) Pushers included: 6 mm, 12 mm, 19 mm
 - Pneumatically feeds to a turret stop



List Price

Rebel Ecofeed\$12,500.00

Installation.....\$2,600.00 net price

Includes

- (3) Pushers: 6 mm, 12 mm, 19 mm
- (1) Custom lathe cable and male interface plug

Optional Accessories

Spindle liner—up to 51 mm (as measured by lathe drawtube I.D.)\$420.00

Spindle liner—greater than 51 mm (as measured by lathe drawtube I.D.)\$580.00

High Voltage Kit (required for some lathes)\$1,500.00

V-Tray Kit (required on lathes that have gap between sheet metal & spindle)\$500.00

Tall Stands for lathes with spindle center greater than 1250 mm.....\$695.00

Technical Specifications

Bar diameter capacity	5 mm to 67 mm (.196” to 2.63”)
Maximum bar length:	48” (1.2 m model) (not to exceed spindle length)
	60” (1.5 m model) (not to exceed spindle length)
Magazine rack capacity:	650 mm (25”)
Bar loading cycle time:	20 seconds
Power consumption:	1 kW
Operating voltage:	230V-60Hz single phase
Control voltage:	24V DC
Machine Footprint:	63” x 48” (1.2 m model) 75” x 48” (1.5 m model)
Machine weight:	650 LBS
Spindle Center Height:	920 mm to 1300 mm (36.25” - 51.125”)
Air Supply	5-7 bar (70 - 100psi)

Installation

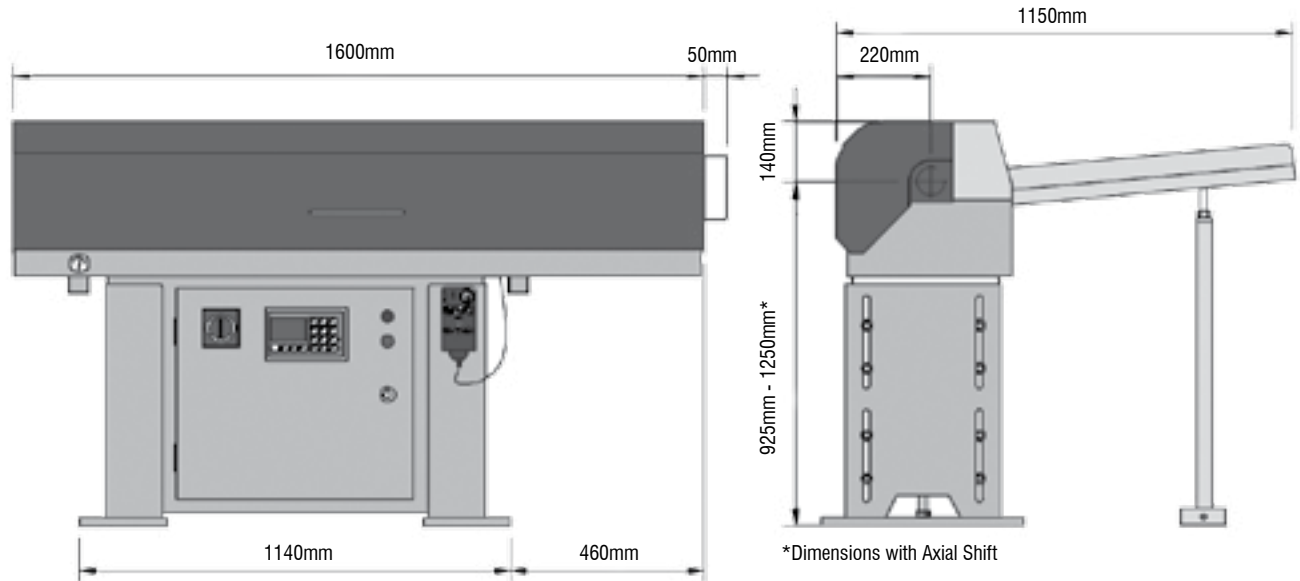
We recommend that an Edge Technologies authorized technician perform the installation, verification, and training on your bar feeder system. The \$2,600 is a net price and is a “per trip” price. In order to achieve effective and comprehensive training and run-off, it is advised that the lathe be tooled up, program ready, and capable of making parts prior to the arrival of Edge Technologies’ Service Technician. Return visits due to post run-off reinstallations or a lack of customer and/or dealer readiness will be billed at \$125.00/ hour labor and \$85.00/hour travel plus expenses.

Warranty and lifetime phone support

Edge Technologies bar feeders come with a one-year parts and labor warranty. Edge Technologies provides free phone support to the original owner as long as you own the equipment.

Interfacing of bar loader to CNC lathe

The Rebel Ecofeed requires that the lathe OEM or dealer has installed their lathe with an authentic magazine bar feeder interface. Among other safety features, the lathe must be capable of opening and closing the chuck in automatic mode via m-codes upon request. Edge Technologies will forward an interface diagram and signal timing chart. Interface connection and the supply of the appropriate interface is the responsibility of the CNC lathe supplier.



Edge Technologies’ Rebel V-65 Servo Short Bar Feeder

Short magazine bar feeder for diameters up to 67 mm

Rebel V-65 Servo

Specifications

Standard Features

- Bar diameter capacity: 5 mm to 67 mm (.196” to 2.63”)
 - Bar length capacity: 48” or 60” (spindle length determined by max. bar length)
 - Magazine capacity is 25 linear inches
 - Mitsubishi PLC controller—powerful & user friendly
 - Easy centerline adjustment using sliding scale
 - Standard x-axis axial shift device
 - Soft load material presentation
 - Remote control pendant
- Fixed piece feed-out and sub-spindle mode
 - Lathe spindle speed can be maximized
 - Material length can be uniform or random
 - Material can be round, hexagonal or shaped
 - (3) Pushers included: 6 mm, 12 mm, 19 mm



List Price

Rebel V-65 Servo.....\$16,200.00

Installation.....\$2,600.00 net price

Includes

- (3) Pushers: 6 mm, 12 mm, 19 mm
- (1) Custom lathe cable and male interface plug

Optional Accessories

Spindle liner—up to 51 mm (as measured by lathe drawtube I.D.)\$420.00

Spindle liner—greater than 51 mm (as measured by lathe drawtube I.D.)\$580.00

High Voltage Kit (required for some lathes)\$1,500.00

V-Tray Kit (required on lathes that have gap between sheet metal & spindle)\$500.00

Tall Stands for lathes with spindle center greater than 1250 mm.....\$695.00

Technical Specifications

Bar diameter capacity	5 mm to 67 mm (.196” to 2.63”)
Maximum bar length:	48” (1.2 m model) (not to exceed spindle length)
	60” (1.5 m model) (not to exceed spindle length)
Magazine rack capacity:	650 mm (25”)
Bar loading cycle time:	20 seconds
Power consumption:	1 kW
Operating voltage:	230V/60Hz single-phase
Control voltage:	24V DC
Machine Footprint:	63” x 48” (1.2 m model) 75” x 48” (1.5 m model)
Machine weight:	650 lbs
Spindle Center Height:	920 mm - 1300 mm (36.25” - 51.125”)
Air Supply:	5-7 bar (70 - 100psi)

Installation

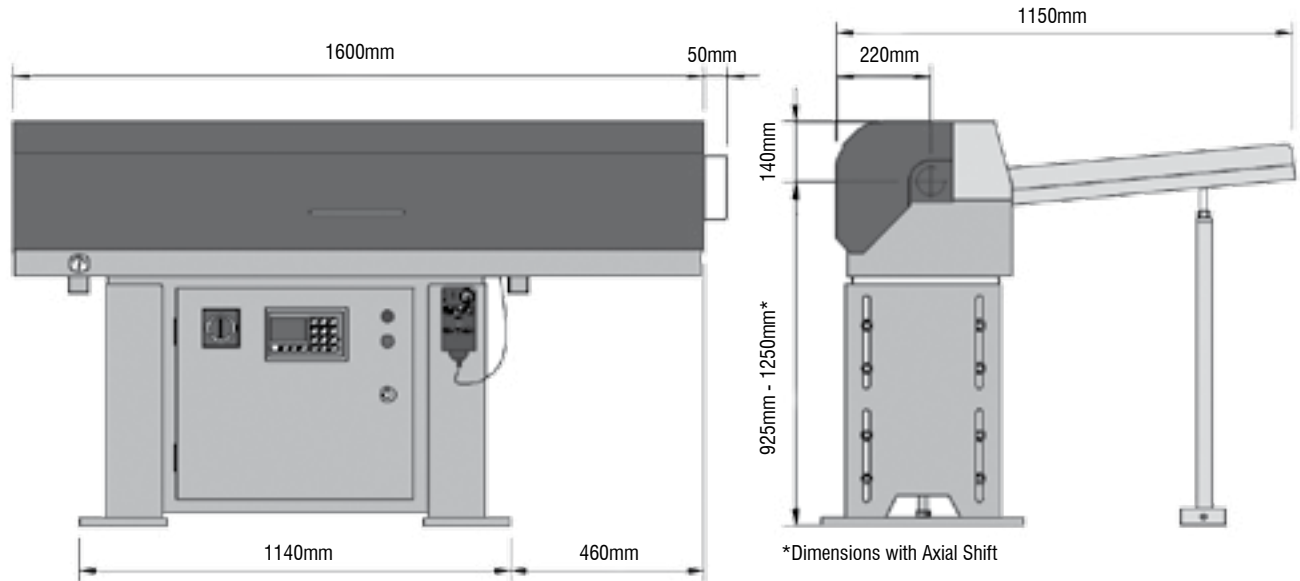
We recommend that an Edge Technologies authorized technician perform the installation, verification, and training on your bar feeder system. The \$2,600 is a net price and is a “per trip” price. In order to achieve effective and comprehensive training and run-off, it is advised that the lathe be tooled up, program ready, and capable of making parts prior to the arrival of Edge Technologies’ Service Technician. Return visits due to post run-off reinstallations or a lack of customer and/or dealer readiness will be billed at \$125.00/ hour labor and \$85.00/hour travel plus expenses.

Warranty and lifetime phone support

Edge Technologies bar feeders come with a one-year parts and labor warranty. Edge Technologies provides free phone support to the original owner as long as you own the equipment.

Interfacing of bar loader to CNC lathe

The Rebel V-65 Servo requires that the lathe OEM or dealer has installed their lathe with an authentic magazine bar feeder interface. Among other safety features, the lathe must be capable of opening and closing the chuck in automatic mode via m-codes upon request. Edge Technologies will forward an interface diagram and signal timing chart. Interface connection and the supply of the appropriate interface is the responsibility of the CNC lathe supplier.



Edge Technologies’ Rebel 102 SE - Full Servo Short Bar Feeder

Short magazine bar feeder for diameters up to 4”

Rebel 102 SE

Specifications

Standard Features

- Bar diameter capacity: 8 mm to 102 mm (.315” to 4.00”)
 - Bar length capacity: 60” (spindle length determ. max. bar length)
 - Magazine capacity is 30 linear inches
 - Mitsubishi PLC controller—powerful & user friendly
 - Full automatic adjust for bar diameter
 - Automatic adjusts pusher thrust for bar size
 - Soft load material presentation
 - Spindle liner storage included on rear of stand
- All electric operation—no shop air required
 - Fixed piece feedout and sub-spindle mode
 - Touch screen control (HMI)
 - Program memory for 300 specific jobs
 - Return and wait function (reduces bar change time by 30%)
 - Standard X axial shift device (Z optional)



List Price

Rebel 102 SE	\$18,900.00
Installation	\$2,600.00 net price

Includes

- (2) Pushers: 10mm & 19mm
- (1) Custom lathe cable and male interface plug

Optional Accessories

Spindle liner—up to 51 mm (as measured by lathe drawtube I.D.)	\$420.00
Spindle liner—greater than 51 mm (as measured by lathe drawtube I.D.)	\$580.00
6 mm pusher for diameters 8 – 10 mm	\$420.00
High Voltage Kit (required for some lathes)	\$1,500.00
V-Tray Kit (required on lathes that have gap between sheet metal & spindle)	\$500.00
(XL) Pusher Kit - adds 500mm to pusher length	\$2,200.00
Serial Interface Ethernet connection with embedded PC	\$1,800.00
Tall Stands for lathes with spindle center greater than 1250 mm	\$1,200.00

Technical Specifications

Bar diameter capacity	8 mm to 102 mm (.315” to 4.00”)
Maximum bar length:	60” (Not to exceed spindle length)
Magazine rack capacity:	30”
Bar loading cycle time:	18 seconds
Power consumption:	1 kW
Operating voltage:	230V/60Hz 3-phase
Control voltage:	24V DC
Machine Footprint:	84” x 48”
Machine weight:	1,100 lbs
Bar weight:	175 lbs per bar (1500 lbs magazine max)

Installation

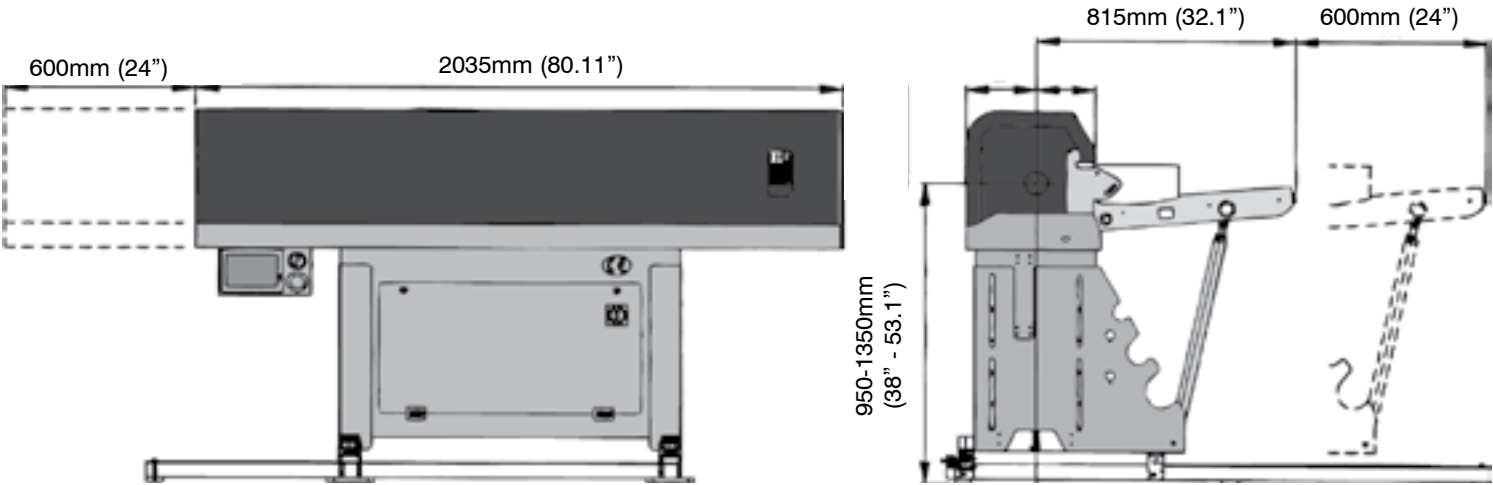
We recommend that an Edge Technologies authorized technician perform the installation, verification, and training on your bar feeder system. The \$2,600 is a net price and is a “per trip” price. In order to achieve effective and comprehensive training and run-off, it is advised that the lathe be tooled up, program ready, and capable of making parts prior to the arrival of Edge Technologies’ Service Technician. Return visits due to post run-off reinstallations or a lack of customer and/or dealer readiness will be billed at \$125.00/hour labor and \$85.00/hour travel plus expenses.

Warranty and lifetime phone support

Edge Technologies bar feeders come with a one-year parts and labor warranty. Edge Technologies provides free phone support to the original owner as long as you own the equipment.

Interfacing of bar loader to CNC lathe

The Rebel 102 requires that the lathe OEM or dealer has installed their lathe with an authentic magazine bar feeder interface. Among other safety features, the lathe must be capable of opening and closing the chuck in automatic mode via m-codes upon request. Edge Technologies will forward an interface diagram and signal timing chart. Interface connection and the supply of the appropriate interface is the responsibility of the CNC lathe supplier.



FMB Micromag 0.8 - 20 / 12’ Magazine Bar Feeder

For Swiss or fixed headstock lathes. Runs up to 12’ bars in a diameter range of 0.8 mm to 20 mm.

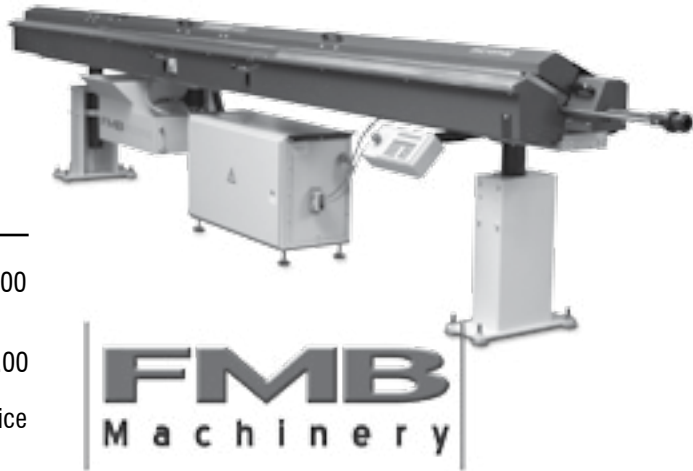
Micromag 20

Specifications

- Bar diameter capacity: 0.8 mm to 20 mm (.031” to .787”)
- Automatic loading magazine — 9 linear inches of rack capacity
- Walking beam bar separation system (patent pending)—drops out of the way when running larger diameter bars
- Polyurethane guide channel system — noise & vibration dampening
- Ultra quick change guide channels and pusher—10 minute full changeover, 3 minute changeover within same channel set
- Hydrodynamic support via high volume oil flow into channels
- Omron motion control — dependable and user friendly, allows easy bar feeder parameter changes
- Bearing block steady rest. Super rigid design is mounted to base of the machine to provide maximum support of bar stock and pusher
- Separate floor mounted electric cabinet isolates electronics from vibration

Standard Features

- (1) Guide channel set to be chosen by customer. Several sizes to choose from, each handling a specific stock range. See chart on next page. (spindle liner required if channel set is not lathe’s max capacity)
- (1) Universal telescoping front nose and (1) nylon nose I.D. liner specific to pusher
- (1) O.D. bar stock collet (to be chosen by customer, specific collet needed for each stock diameter)
- Swiss headstock synchronization device
- Automatic remnant retraction, self centering gripper
- Custom lathe cable and interface plugs
- Polyurethane bushing blocks (2 pieces)



List Price

FMB Micromag 12’.....\$32,995.00
FMB Micromag 12’ 2 Guide Channel Set Complete Package
Includes (2) Channel Sets, (2) Pushers,
(2) Nose Liners, (2) Pusher Collets & (2) Sets of Bushing Blocks.....\$35,395.00
Installation.....\$3,100.00 net price

Includes

- (1) Guide channel set of your choice (channel sections, pusher, & revolving tip)
- (1) Universal telescopic nose with I.D. liner
- (1) O.D. bar stock pusher collet
- (1) Custom lathe cable and interface plug
- (1) Polyurethane bushing blocks (one set includes upper and lower pieces)

Optional Accessories

Additional guide channel set (includes pusher, revolving tip, nose liner & spindle liner)\$2,675.00
Spindle liner (needed when selecting a guide channel set whose max. bar diameter is smaller than the draw tube of the lathe).....\$420.00
Bar stock pusher collets\$90.00
Hex stock high performance pusher collets.....Contact Edge Customer Service
Polyurethane bushing blocks (one set includes upper and lower pieces).....\$90.00

Guide Channel Sets	Pusher Diameter	Minimum Bar Size	Maximum Bar Size	Max. Bar Size With Front Remnant Expulsion *
Ø 5 mm	5 mm	0.8 mm (.031")	4 mm (.157")	5 mm (.196")
Ø 7 mm	7 mm	1.6 mm (.063")	6.4 mm (.250")	7 mm (.275")
Ø 10 mm	10 mm	2.4 mm (.094")	8 mm (.315")	10 mm (.393")
Ø 13 mm	13 mm	2.4 mm (.094")	11.25 mm (.443")	13 mm (.511")
Ø 15 mm	15 mm	3.2 mm (.125")	13.5 mm (.531")	15 mm (.590")
Ø 18 mm	18 mm	6.5 mm (.255")	16 mm (.630")	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 23 mm	23 mm	10 mm (.393")	20 mm (.787")	23 mm (.905")

Technical Specifications

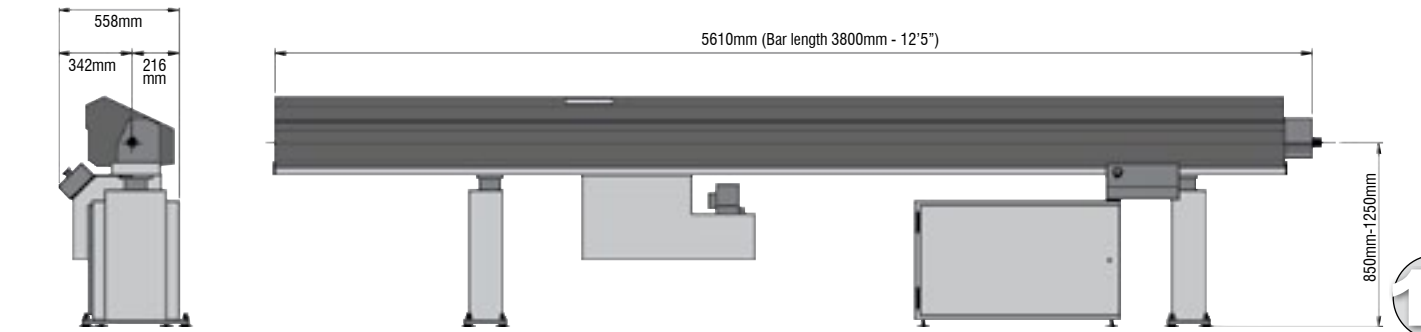
Bar diameter capacity-no bar preparation:	0.8 mm to 20 mm (.031” to .787”)
Bar diameter capacity-with bar preparation:	0.8 mm to 23 mm (.031” to .905”)
Maximum bar length:	3800 mm (12 feet 5 inches)
Minimum bar length:	1000 mm (39.4")
Magazine remnant length:	300 mm (12")
Magazine rack capacity:	9”
Bar loading cycle time:	17 seconds for 12 foot bar
Material straightness specification	.007” TIR/foot of material (V blocks, 3 points equidistant)
Feed force (pusher torque):	max 300 N, adjustable
Forward feed rate:	710 inches/minute max, adjustable
Return feed rate:	1420 inches/ minute max, adjustable
Power consumption:	1.5 kW
Operating voltage:	230V/60Hz 3-phase
Control voltage:	24V DC
Oil capacity:	50 liters (13.2 gallons)
Oil viscosity:	ISO 100 cST
Compressed air supply:	6 bar (90 psi)
Compressed air consumption:	approx. 3 liters per loading cycle
Machine weight (without oil):	1,950 lbs

Installation

We recommend that an Edge Technologies authorized technician perform the installation, verification, and training on your bar feeder system. The \$3,100 is a net price and is a “per trip” price. In order to achieve effective and comprehensive training and run-off, it is advised that the lathe be tooled up, program ready, and capable of making parts prior to the arrival of Edge Technologies’ Service Technician. Return visits due to post run-off reinstallations or a lack of customer and/or dealer readiness will be billed at \$125.00/ hour labor and \$85.00/hour travel plus expenses.

Warranty and lifetime phone support

FMB bar feeders come with a one-year parts and labor warranty. Edge Technologies provides free phone support to the original owner as long as you own the equipment.



FMB Minimag 20 Magazine Bar Feeder

For Swiss or fixed headstock lathes. Runs up to 12’ bars in a diameter range of 2 mm to 20 mm.

Minimag 20

Specifications

- Bar diameter capacity: 2 mm to 20 mm (.078” to .787”)
- Automatic loading magazine — 7 linear inches of rack capacity
- Polyurethane guide channel system — noise & vibration dampening
- Ultra quick change guide channels and pusher —10 minute full changeover, 3 minute changeover within same channel set
- Hydrodynamic support via high volume oil flow into channels
- Omron motion control — dependable and user friendly, allows easy bar feeder parameter changes
- Bearing block steady rest. Super rigid design is mounted to base of the machine to provide maximum support of bar stock and pusher
- Separate floor mounted electric cabinet isolates electronics from vibration

Standard Features

- (1) Guide channel set to be chosen by customer. Several sizes to choose from, each handling a specific stock range. See chart on next page. (spindle liner required if channel set is not lathe’s max capacity)
- (1) Universal telescoping front nose and (1) nylon nose I.D. liner specific to pusher
- (1) O.D. bar stock collet (to be chosen by customer, specific collet needed for each stock diameter)
- Swiss headstock synchronization device
- Automatic remnant retraction, self centering gripper
- Custom lathe cable and interface plugs
- Polyurethane bushing blocks (2 piece)

List Price

FMB Minimag 20 12’.....\$28,995.00
FMB Minimag 20 12’ 2 Guide Channel Set Complete Package
Includes (2) Channel Sets, (2) Pushers,
(2) Nose Liners, (2) Pusher Collets & (2) Sets of Bushing Blocks\$31,295.00

Installation.....\$3,100.00 net price

Includes

- (1) Guide channel set of your choice (channel sections, pusher, & revolving tip)
- (1) Universal telescopic nose with I.D. liner
- (1) O.D. bar stock pusher collet
- (1) Custom lathe cable and interface plug
- (1) Polyurethane bushing blocks (one set includes upper & lower pieces)

Optional Accessories

Additional guide channel set (includes pusher, revolving tip, nose liner & spindle liner)\$2,675.00
Spindle liner (needed when selecting a guide channel set whose max. bar diameter is smaller than the draw tube of the lathe).....\$420.00
Bar stock pusher collets\$90.00
Hex stock high performance pusher collets.....Contact Edge Customer Service
Polyurethane bushing blocks (one set includes upper and lower pieces).....\$90.00
Second Movable Anti-Vibration Device\$2400.00

Guide Channel Sets	Pusher Diameter	Minimum Bar Size	Maximum Bar Size	Max. Bar Size With Front Remnant Expulsion *
Ø 7 mm	7 mm	2 mm (.078")	6.4 mm (.250")	7 mm (.275")
Ø 10 mm	10 mm	3 mm (.118")	8 mm (.315")	10 mm (.393")
Ø 13 mm	13 mm	3 mm (.118")	11.1 mm (.437")	13 mm (.511")
Ø 15 mm	15 mm	5 mm (.196")	13 mm (.511")	15 mm (.590")
Ø 18 mm	18 mm	6.5 mm (.255")	16 mm (.629")	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 23 mm	23 mm	10 mm (.393")	20 mm (.787")	23 mm (.905")

Technical Specifications

Bar diameter capacity-no bar preparation: 2 mm to 20 mm (.078” to .787”)
Bar diameter capacity-with bar preparation: 2 mm to 23 mm (.078” to .905”)
Maximum bar length: 3800 mm (12 feet 5 inches)
Minimum bar length: 1000 mm (39.4”)
Magazine remnant length: 420 mm (16.5”)
Magazine rack capacity: 7”
Bar loading cycle time: 17 seconds for 12 foot bar
Material straightness specification: .007” TIR/foot of material (V blocks, 3 points equidistant)

Feed force (pusher torque): max 300 N, adjustable
Forward feed rate: 710 inches/minute max, adjustable
Return feed rate: 1420 inches/ minute max, adjustable

Power consumption: 1.5 kW
Operating voltage: 230V/60Hz 3-phase
Control voltage: 24V DC

Oil capacity: 50 liters (13.2 gallons)
Oil viscosity: ISO 100 cST

Compressed air supply: 6 bar (90 psi)
Compressed air consumption: approx. 3 liters per loading cycle

Machine weight (without oil): 1,650 lbs

Installation

We recommend that an Edge Technologies authorized technician perform the installation, verification, and training on your bar feeder system. The \$3,100 is a net price and is a “per trip” price. In order to achieve effective and comprehensive training and run-off, it is advised that the lathe be tooled up, program ready, and capable of making parts prior to the arrival of Edge Technologies’ Service Technician. Return visits due to post run-off reinstallations or a lack of customer and/or dealer readiness will be billed at \$125.00/hour labor and \$85.00/hour travel plus expenses.

Warranty and lifetime phone support

FMB bar feeders come with a one-year parts and labor warranty. Edge Technologies provides free phone support to the original owner as long as you own the equipment.

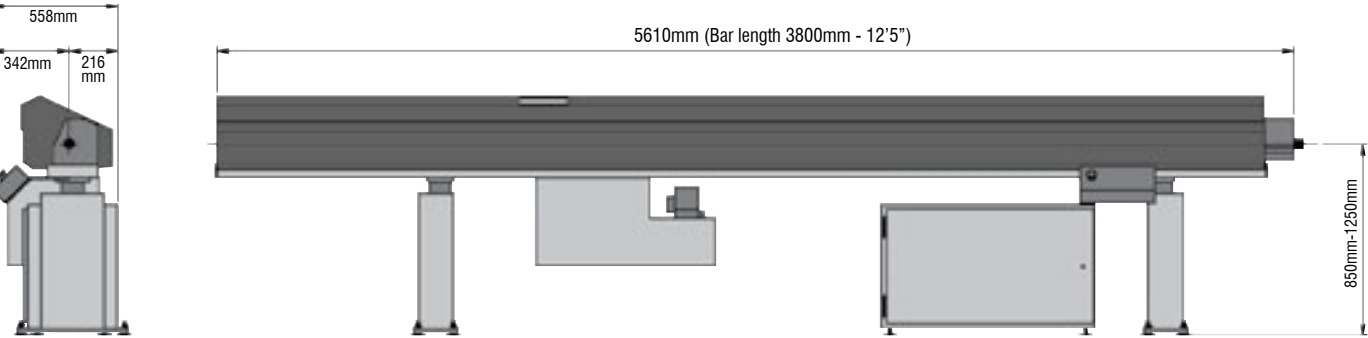


Loading Configurations

Type A/D - Standard



Type B/C - Optional



FMB Turbo 2-20 / Magazine Bar Feeder

For Swiss or fixed headstock lathes. Runs up to 12’ bars in a diameter range of 2 mm to 20 mm.

Turbo 2-20

Specifications

- Bar diameter capacity: 2 mm to 20 mm (.078” to .787”)
- Automatic loading magazine — 7 linear inches of rack capacity
- Double pusher, space saving design
- Quick-change polyurethane guide channel system --- noise & vibration dampening
- Hydrodynamic support via high volume oil flow into channels
- Omron motion control — dependable and user friendly, allows easy bar feeder parameter changes
- Bearing block steady rest. Super rigid design is mounted to base of the machine to provide maximum support of bar stock and pusher
- Separate floor mounted electric cabinet isolates electronics from vibration

Standard Features

- (1) Guide channel set to be chosen by customer. Eleven sizes to choose from, each handling a specific stock range. See chart on next page. (spindle liner required if channel set is not lathe’s max capacity)
- (1) Universal telescoping front nose and (1) nylon nose I.D. liner specific to pusher
- (1) O.D. bar stock collet (to be chosen by customer, specific collet needed for each stock diameter)
- Swiss headstock synchronization device
- Automatic remnant retraction, self centering gripper
- Custom lathe cable and interface plugs
- (1) Polyurethane bushing blocks (2 pieces)

List Price

FMB Turbo 2-20 12’.....\$31,900.00

FMB Turbo 2-20 12’ 2 Guide Channel Set Complete Package
Includes (2) Channel Sets, (2) Pushers,
(2) Nose Liners, (2) Pusher Collets & (2) Sets of Bushing Blocks.....\$34,200.00

FMB Turbo 2-20 6’.....\$31,250.00

FMB Turbo 2-20 6’ 2 Guide Channel Set Complete Package
Includes (2) Channel Sets, (2) Pushers,
(2) Nose Liners, (2) Pusher Collets & (2) Sets of Bushing Blocks.....\$33,550.00

Installation.....\$3,100.00 net price

Includes

- (1) Guide channel set of your choice (channel sections, pusher, & revolving tip)
- (1) Universal telescopic nose with I.D. liner
- (1) O.D. bar stock pusher collet
- (1) Custom lathe cable and interface plug
- (1) Polyurethane bushing blocks (one set includes upper and lower pieces)

Optional Accessories

Additional guide channel set (includes pusher, revolving tip, nose liner & spindle liner)\$2,675.00

Spindle liner (needed when selecting a guide channel set whose max. bar diameter is smaller than the draw tube of the lathe).....\$420.00

Bar stock pusher collets\$90.00

Hex stock high performance pusher collets.....Contact Edge Customer Service

Polyurethane bushing blocks (one set includes upper and lower pieces).....\$90.00

Long Pusher Kit (required for some lathes)\$1,700.00

Second Movable Anti-Vibration Device\$2,400.00



Guide Channel Sets	Pusher Diameter	Minimum Bar Size	Maximum Bar Size	Max. Bar Size With Front Remnant Expulsion *
Ø 7 mm	7 mm	2 mm (.078")	6.4 mm (.250")	7 mm (.275")
Ø 10 mm	10 mm	3 mm (.118")	8 mm (.315")	10 mm (.393")
Ø 13 mm	13 mm	3 mm (.118")	11 mm (.437")	13 mm (.511")
Ø 15 mm	15 mm	5 mm (.196")	13 mm (.511")	15 mm (.590")
Ø 18 mm	18 mm	6.5 mm (.255")	16 mm (.629")	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 23 mm	23 mm	10 mm (.393")	20 mm (.787")	23 mm (.905")

Technical Specifications

Bar diameter capacity-no bar preparation: 2 mm to 20 mm (.078” to .787”)
Bar diameter capacity-with bar preparation: 2 mm to 23 mm (.078” to .905”)
Maximum bar length: 3800 mm (12 feet 5 inches)
Minimum bar length: 1000 mm (39.4”)
Magazine remnant length: 420 mm (16.5”)
Magazine rack capacity: 7”
Bar loading cycle time: 30 seconds for 12 foot bar
Material straightness specification: .007” TIR/foot of material (V blocks, 3 points equidistant)

Feed force (pusher torque): max 300 N, adjustable
Forward feed rate: 710 inches/minute max, adjustable
Return feed rate: 1420 inches/ minute max, adjustable

Power consumption: 1.5 kW
Operating voltage: 230V/60Hz 3-phase
Control voltage: 24V DC

Oil capacity: 50 liters (13.2 gallons)
Oil viscosity: ISO 100 cST

Compressed air supply: 6 bar (90 psi)
Compressed air consumption: approx. 3 liters per loading cycle

Machine weight (without oil): 1,650 lbs

Installation

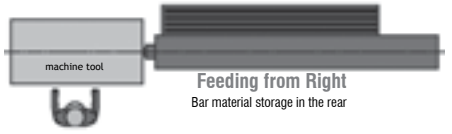
We recommend that an Edge Technologies authorized technician perform the installation, verification, and training on your bar feeder system. The \$3,100 is a net price and is a “per trip” price. In order to achieve effective and comprehensive training and run-off, it is advised that the lathe be tooled up, program ready, and capable of making parts prior to the arrival of Edge Technologies’ Service Technician. Return visits due to post run-off reinstallations or a lack of customer and/or dealer readiness will be billed at \$125.00/hour labor and \$85.00/hour travel plus expenses.

Warranty and lifetime phone support

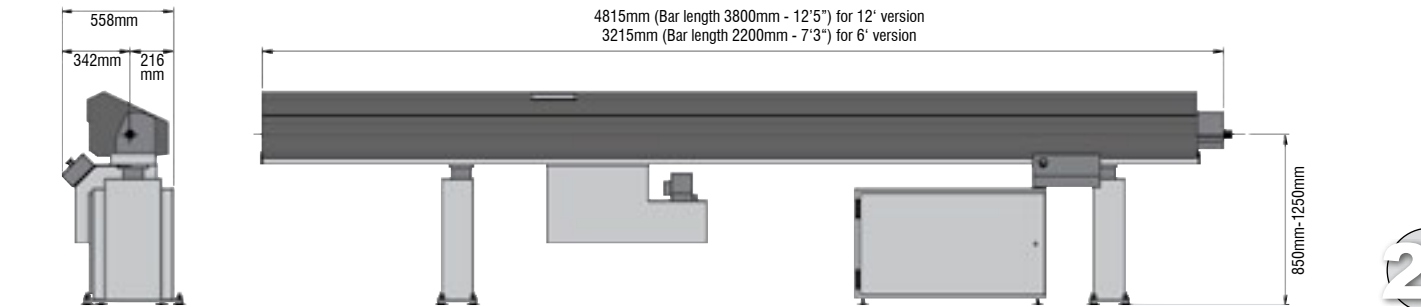
FMB bar feeders come with a one-year parts and labor warranty. Edge Technologies provides free phone support to the original owner as long as you own the equipment.

Loading Configurations

Type A/D - Standard



Type B/C - Optional



FMB Turbo 3-26 / 12’ Magazine Bar Feeder

For Swiss or fixed headstock lathes. Runs up to 12’ bars in a diameter range of 3 mm to 26 mm.

Turbo 3-26

Specifications

- Bar diameter capacity: 3 mm to 26 mm (.118” to 1.023”)
- Automatic loading magazine —11 linear inches of rack capacity
- Double pusher, space saving design
- Polyurethane guide channel system — noise & vibration dampening
- Ultra quick change guide channels and pusher—10 minute full changeover, 3 minute changeover within same channel set
- Hydrodynamic support via high volume oil flow into channels
- Bosch motion control — dependable and user friendly, allows easy bar feeder parameter changes with remote pendant
- Outboard roller steady rest—quick adjust system and super rigid design. Mounted to base of machine to provide maximum support of bar stock and pusher.
- Separate floor mounted electric cabinet isolates electronics from vibration

List Price

FMB Turbo 3-26 12’.....\$37,750.00
FMB Turbo 3-26 12’ 2 Guide Channel Set Complete Package
Includes (2) Channel Sets, (2) Pushers,
(2) Nose Liners & (2) Pusher Collets\$40,650.00
Installation.....\$3,100.00 net price

Includes

- (1) Guide channel set of your choice (channel sections, pusher, & revolving tip)
- (1) Universal telescopic nose with I.D. liner
- (1) O.D. bar stock pusher collet
- (1) Custom lathe cable and interface plug

Standard Features

- (1) Quick change guide channel set to be chosen by customer. Several sizes to choose from, each handling a specific stock range. See chart on next page. (spindle liner required if channel set is not lathe’s max capacity)
- (1) Universal telescoping front nose and (1) nylon nose I.D. liner specific to pusher
- (1) O.D. bar stock collet (to be chosen by customer, specific collet needed for each stock diameter)
- Swiss headstock synchronization device
- Automatic remnant retraction, self centering gripper
- 48 part program storage



Optional Accessories

Additional guide channel set (includes pusher, revolving tip, nose liner & spindle liner)\$3,350.00
Spindle liner (needed when selecting a guide channel set whose max. bar diameter is smaller than the drawtube of the lathe)\$420.00
Bar stock pusher collets.....\$120.00
Hex stock high performance pusher collets.....Contact Edge Customer Service
Polyurethane bushing blocks (one set includes upper and lower pcs. and is used in place of rollers in standard steady rest when machining hex, square, or profiled stock)\$140.00
Air knife (recommended to minimize bar feeder oil loss when running shafts).....\$1,050.00
Long Pusher Kit (required for some lathes).....\$1,900.00
Second movable roller steady kit.....\$4,375.00

Guide Channel Sets	Pusher Diameter	Minimum Bar Size	Maximum Bar Size	Max. Bar Size With Front Remnant Expulsion *
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")

**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.*

Technical Specifications

Bar diameter capacity—no bar preparation: 3 mm to 26 mm (.118” to 1.02”)
Bar diameter capacity—with bar preparation: 3 mm to 28 mm (.118” to 1.102”)
Maximum bar length: 3800 mm (12 feet 5 inches)
Minimum bar length: 1000 mm (39.4”)
Maximum remnant length: 420 mm (16.54”)
Magazine rack capacity: 11”
Bar loading cycle time: 26 seconds for 12-foot bar
Material straightness specification: .007”TIR/foot of material (V blocks, 3 points equidistant)

Feed force (pusher torque): max 450 N, adjustable
Forward feed rate: 1400 inches/minute max, adjustable
Return feed rate: 2360 inches/minute max, adjustable

Power consumption: 1.5 kW
Operating voltage: 230V/60Hz 3-phase
Control voltage: 24V DC

Oil capacity: 80 liters (22 gallons)
Oil viscosity: ISO 150 cST

Compressed air supply: 6 bar (90 psi)
Compressed air consumption: approx. 10 liters per loading cycle

Machine weight: 3,025 lbs

Loading Configurations

Type A/D - Standard



Type B/C - Optional

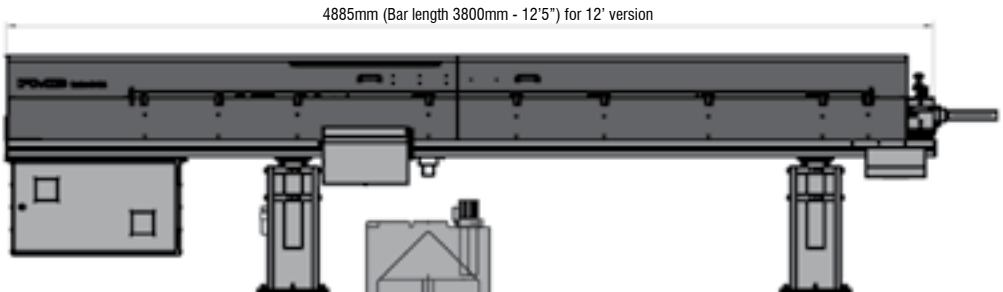
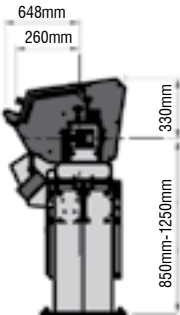


Installation

We recommend that an Edge Technologies authorized technician perform the installation, verification, and training on your bar feeder system. The \$3,100 is a net price and is a “per trip” price. In order to achieve effective and comprehensive training and run-off, it is advised that the lathe be tooled up, program ready, and capable of making parts prior to the arrival of Edge Technologies’ Service Technician. Return visits due to post run-off reinstallations or a lack of customer and/or dealer readiness will be billed at \$125.00/hour labor and \$85.00/hour travel plus expenses.

Warranty and lifetime phone support

FMB bar feeders come with a one-year parts and labor warranty. Edge Technologies provides free phone support to the original owner as long as you own the equipment.



FMB Turbo 3-38 / Magazine Bar Feeder

For Swiss or fixed headstock lathes. Runs up to 12’ bars in a diameter range of 3 mm to 38 mm.

Turbo 3-38

Specifications

- Bar diameter capacity: 3 mm to 38 mm (.118” to 1.496”)
- Automatic loading magazine — 11 linear inches of rack capacity
- Double pusher, space saving design
- Polyurethane guide channel system — noise & vibration dampening
- Ultra quick change guide channels and pusher — 10 minute full changeover, 3 minute changeover within same channel set

- Hydrodynamic support via high volume oil flow into channels
- Bosch motion control — dependable and user friendly, allows easy bar feeder parameter changes with remote pendant
- Outboard roller steady rest—quick adjust system and super rigid design. Mounted to base of machine to provide maximum support of bar stock and pusher

- Separate floor mounted electric cabinet isolates electronics from vibration

List Price

FMB Turbo 3-38 12’.....\$38,750.00

FMB Turbo 3-38 12’ 2 Guide Channel Set Complete Package
Includes (2) Channel Sets, (2) Pushers,
(2) Nose Liners & (2) Pusher Collets\$41,650.00

FMB Turbo 3-38 6’.....\$37,800.00

FMB Turbo 3-38 6’ 2 Guide Channel Set Complete Package
Includes (2) Channel Sets, (2) Pushers,
(2) Nose Liners & (2) Pusher Collets\$40,700.00

Installation.....\$3,100.00 net price

Includes

- (1) Guide channel set of your choice (channel sections, pusher, & revolving tip)
- (1) Universal telescopic nose with I.D. liner
- (1) O.D. bar stock pusher collet
- (1) Custom lathe cable and interface plug

Optional Accessories

Additional guide channel set (includes pusher, revolving tip, nose liner & spindle liner)\$3,350.00

Spindle liner (needed when selecting a guide channel set whose max. bar diameter is smaller than the drawtube of the lathe)\$420.00

Bar stock pusher collets for diameters up to and including 26 mm (outer diameter).....\$120.00

Bar stock pusher collets for diameters greater than 26 mm (outer diameter).....\$145.00

Hex stock high performance pusher collets.....Contact Edge Customer Service

Polyurethane bushing blocks (one set includes upper and lower pieces and is used in place of rollers in standard steady rest when machining hex, square, or profiled stock)\$140.00

Air knife (Used to minimize bar feeder oil loss when running shafts).....\$1,050.00

Long Pusher Kit (required for some lathes)\$1,900.00

Turbo 3-38 also available in extended length versionsContact Edge Technologies Sales

Second movable roller steady kit.....\$4375.00

Standard Features

- (1) Quick change guide channel set to be chosen by customer. Several sizes to choose from, each handling a specific stock range. See chart on next page. (spindle liner required if channel set is not lathe’s max capacity)
- (1) Universal telescoping front nose and (1) nylon nose I.D. liner specific to pusher
- (1) O.D. bar stock collet (to be chosen by customer, specific collet needed for each stock diameter)
- Swiss headstock synchronization device
- Automatic remnant retraction, self centering gripper
- Custom lathe cable and interface plugs
- 48 part program storage



Guide Channel Sets	Pusher Diameter	Minimum Bar Size	Maximum Bar Size	Max. Bar Size With Front Remnant Expulsion *
Ø 12 mm	12 mm	3 mm (.118")	10 mm (.393")	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")	28 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")	35 mm (1.378")	38 mm (1.496")

**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.*

Technical Specifications

Bar diameter capacity—no bar preparation: 3 mm to 32 mm (.118” to 1.259”)
Bar diameter capacity—with bar preparation: 3 mm to 38 mm (.118” to 1.496”)
Maximum bar length: 3800 mm (12 feet 5 inches)
Minimum bar length: 1000 mm (39.4”)
Maximum remnant length: 420 mm (16.54”)
Magazine rack capacity: 11”
Bar loading cycle time: 26 seconds for 12-foot bar
Material straightness specification: .007”TIR/foot of material (V blocks, 3 points equidistant)

Feed force (pusher torque): max 450 N, adjustable
Forward feed rate: 1400 inches/minute max, adjustable
Return feed rate: 2360 inches/minute max, adjustable

Power consumption: 1.5 kW
Operating voltage: 230V/60Hz 3-phase
Control voltage: 24V DC

Oil capacity: 80 liters (22 gallons)
Oil viscosity: ISO 150 cST

Compressed air supply: 6 bar (90 psi)
Compressed air consumption: approx. 10 liters per loading cycle

Machine weight: 3,100 lbs

Loading Configurations

Type A/D - Standard



Type B/C - Optional

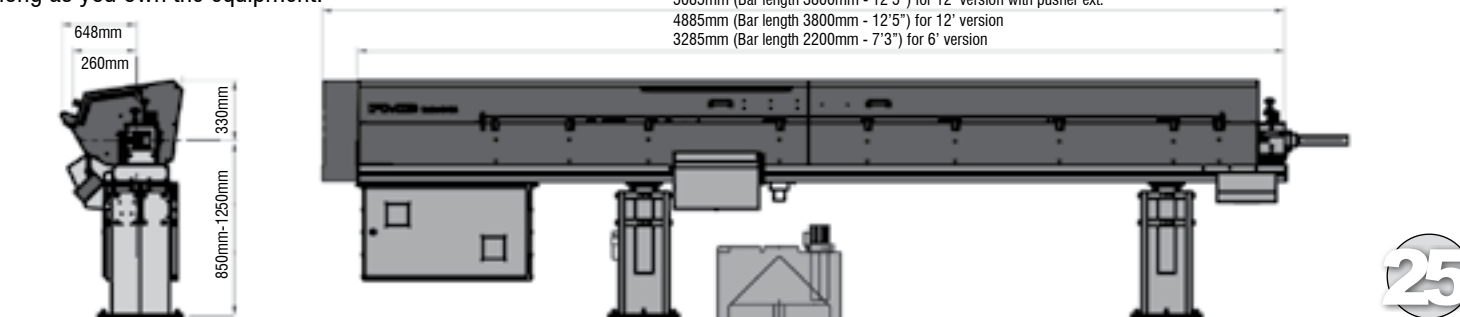


Installation

We recommend that an Edge Technologies authorized technician perform the installation, verification, and training on your bar feeder system. The \$3,100 is a net price and is a “per trip” price. In order to achieve effective and comprehensive training and run-off, it is advised that the lathe be tooled up, program ready, and capable of making parts prior to the arrival of Edge Technologies’ Service Technician. Return visits due to post run-off reinstallations or a lack of customer and/or dealer readiness will be billed at \$125.00/hour labor and \$85.00/hour travel plus expenses.

Warranty and lifetime phone support

FMB bar feeders come with a one-year parts and labor warranty. Edge Technologies provides free phone support to the original owner as long as you own the equipment.



FMB Turbo 5-55 / Magazine Bar Feeder

For Swiss or fixed headstock lathes. Runs up to 12’ bars in a diameter range of 5 mm to 55 mm.

Turbo 5-55

Specifications

- Bar diameter capacity: 5 mm to 55 mm (.196” to 2.165”)
- Automatic loading magazine — 11 linear inches of rack capacity
- Double pusher, space saving design
- Polyurethane guide channel system — noise & vibration dampening
- Quick change guide channels and pusher
- Hydrodynamic support via high volume oil flow into channels
- Bosch motion control — dependable and user friendly, allows easy bar feeder parameter changes with remote pendant
- Separate floor mounted electric cabinet isolates electronics from vibration

List Price

FMB Turbo 5-55 12’.....\$45,995.00
FMB Turbo 5-55 12’ 2 Guide Channel Set Complete Package

Includes (2) Channel Sets, (2) Pushers,
(2) Nose Liners & (2) Pusher Collets\$49,395.00

FMB Turbo 5-55 12’ for sliding headstock lathes.....\$48,750.00
2 Guide Channel Set Complete Package

Includes (2) Channel Sets, (2) Pushers,
(2) Nose Liners & (2) Pusher Collets\$52,150.00

FMB Turbo 5-55 6’.....\$43,750.00
FMB Turbo 5-55 6’ 2 Guide Channel Set Complete Package

Includes (2) Channel Sets, (2) Pushers,
(2) Nose Liners & (2) Pusher Collets\$47,150.00

FMB Turbo 5-55 6’ for sliding headstock lathes.....\$45,950.00
2 Guide Channel Set Complete Package

Includes (2) Channel Sets, (2) Pushers,
(2) Nose Liners & (2) Pusher Collets\$49,350.00

Installation.....\$3,100.00 net price

Includes

- (1) Guide channel set of your choice (channel sections, pusher, & revolving tip)
- (1) Universal hard nose with I.D. liner
- (1) Custom lathe cable and interface plug
- (1) O.D. barstock collet

Optional Accessories

Additional guide channel set (includes pusher, revolving tip, nose liner & spindle liner)\$3,975.00

Spindle liner (needed when selecting a guide channel set whose max. bar diameter is smaller than the drawtube of the lathe).....\$420.00

Bar stock pusher collets (specific collet required for each bar diameter):
Barstock collet for channel set up to 20 mm I.D.....\$ 90.00
Barstock collet for channel set from 25 mm to 38 mm\$ 140.00
Barstock collet for channel set from 42 mm to 45 mm\$ 210.00
Barstock collet for channel set from 51 mm to 55 mm\$ 250.00

Hex stock high performance pusher colletsContact Edge Customer Service

Polyurethane bushing blocks (one set includes upper and lower pieces and is used in place of rollers in standard steady rest when machining hex, square, or profiled stock).....\$160.00

Air knife (recommended to minimize bar feeder oil loss when running shafts).....\$1,050.00

Pusher extension kit\$4,600.00

Axial shift device\$5,000.00

Serial Interface – Ethernet connection with embedded PC\$2,700.00

Increased program storage to 2500 programs\$2,500.00

Tall stands for lathe with spindle center greater than 1200 mm.....\$1,500.00

Standard Features

- (1) Guide channel set to be chosen by customer. Several sizes to choose from, each handling a specific stock range. See chart on next page. (spindle liner required if channel set is not lathe’s max capacity)
- (1) Universal hard nose and (1) nylon nose I.D. liner specific to pusher
- (1) O.D. barstock collet (to be chosen by customer)
- Automatic remnant retraction, self centering gripper
- Custom lathe cable and interface plugs
- Outboard roller steady rest—quick adjust system and super rigid design. Mounted to base of machine to provide maximum support of bar stock and pusher
- 48 part program memory storage



Guide Channel Sets	Pusher Diameter	Minimum Bar Size	Maximum Bar Size	Max. Bar Size With Front Remnant Expulsion *
Ø 15 mm	15 mm	5 mm (.196")	13 mm (.511")	15 mm (.590")
Ø 20 mm	20 mm	6 mm (.236")	17.5 mm (.688")	20 mm (.787")
Ø 25 mm	25 mm	10 mm (.393")	23 mm (.906")	25 mm (.984")
Ø 32 mm	32 mm	10 mm (.393")	29 mm (1.141")	32 mm (1.259")
Ø 36 mm	36 mm	12.7 mm (.500")	33 mm (1.299")	36 mm (1.417")
Ø 38 mm	37 or 38 mm	12.7 mm (.500")	35 mm (1.378")	38 mm (1.496")
Ø 42 mm	42 mm	17 mm (.669")	38.5 mm (1.515")	42 mm (1.653")
Ø 45 mm	45 mm	19 mm (.750")	42 mm (1.653")	45 mm (1.771")
Ø 51 mm	51 mm	25.4 mm (1")	48.7 mm (1.917")	51 mm (2.007")
Ø 55 mm	55 mm	25.4 mm (1")	51 mm (2.00")	55 mm (2.165")

**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.*

Technical Specifications

Bar diameter capacity—no bar preparation: 5 mm to 51 mm (.196” to 2.00”)
Bar diameter capacity—with bar preparation: 5 mm to 55 mm (.196” to 2.165”)
Maximum bar length: 3800 mm (12 feet 5 inches)
Minimum bar length: 1000 mm (39.4”)
Maximum remnant length: 530 mm (20.8”)
Magazine rack capacity: 11”
Magazine rack angle: adjustable 6–20°
Bar loading cycle time: 30 seconds for 12-foot bar
Material straightness specification: .007”TIR/foot of material (V blocks, 3 points equidistant)

Feed force (pusher torque): max 750 N, adjustable
Forward feed rate: 2360 inches/minute max, adjustable
Return feed rate: 0-1650 inches/minute max, adjustable

Power consumption: 1.5 kW
Operating voltage: 230V/60Hz 3-phase
Control voltage: 24V DC

Oil capacity: 80 liters (22 gallons)
Oil viscosity: ISO 150 cST

Compressed air supply: 6 bar (90 psi)
Compressed air consumption: approx. 10 liters per loading cycle

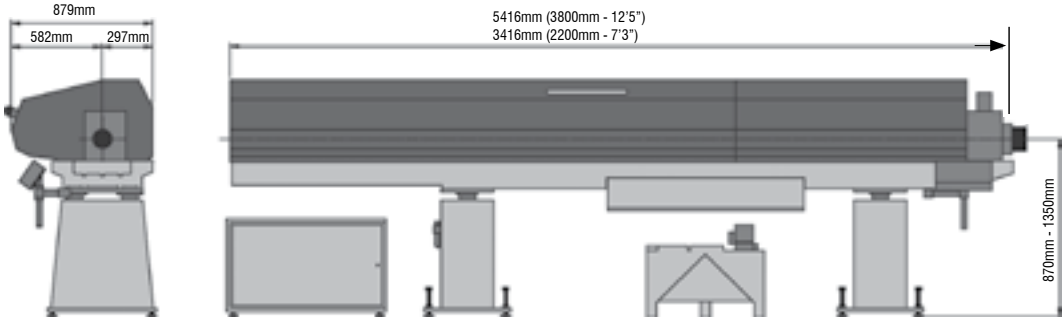
Machine weight: 6,160 lbs

Installation

We recommend that an Edge Technologies authorized technician perform the installation, verification, and training on your bar feeder system. The \$3,100 is a net price and is a “per trip” price. In order to achieve effective and comprehensive training and run-off, it is advised that the lathe be tooled up, program ready, and capable of making parts prior to the arrival of Edge Technologies’ Service Technician. Return visits due to post run-off reinstallations or a lack of customer and/or dealer readiness will be billed at \$125.00/hour labor and \$85.00/hour travel plus expenses.

Warranty and lifetime phone support

FMB bar feeders come with a one-year parts and labor warranty. Edge Technologies provides free phone support to the original owner as long as you own the equipment.



FMB Turbo 5-65 / Magazine Bar Feeder

For Swiss or fixed headstock lathes. Runs up to 12’ bars in a diameter range of 5 mm to 65 mm.

Turbo 5-65

Specifications

- Bar diameter capacity: 5 mm to 65 mm (.196” to 2.559”)
- Automatic loading magazine — 11 linear inches of rack capacity
- Double pusher, space saving design
- Polyurethane guide channel system — noise & vibration dampening
- Quick change guide channels and pusher
- Hydrodynamic support via high volume oil flow into channels
- Bosch motion control — dependable and user friendly, allows easy bar feeder parameter changes with remote pendant
- Separate floor mounted electric cabinet isolates electronics from vibration

List Price

FMB Turbo 5-65 12’.....\$47,500.00
FMB Turbo 5-65 12’ 2 Guide Channel Set Complete Package
Includes (2) Channel Sets, (2) Pushers,
(2) Nose Liners & (2) Pusher Collets\$50,900.00

FMB Turbo 5-65 6’.....\$45,000.00
FMB Turbo 5-65 6’ 2 Guide Channel Set Complete Package
Includes (2) Channel Sets, (2) Pushers,
(2) Nose Liners & (2) Pusher Collets\$48,400.00

Installation.....\$3,100.00 net price

Includes

- (1) Guide channel set of your choice (channel sections, pusher, & revolving tip)
- (1) Universal hard nose with I.D. liner
- (1) Custom lathe cable and interface plug
- (1) O.D. barstock collet

Optional Accessories

Additional guide channel set (includes pusher, revolving tip, nose liner & spindle liner)\$3,975.00

Spindle liner (needed when selecting a guide channel set whose max. bar diameter is smaller than the drawtube of the lathe).....\$580.00

Bar stock pusher collets (specific collet required for each bar diameter):
Barstock collet for channel set up to 20 mm I.D.\$ 90.00
Barstock collet for channel set from 25 mm to 38 mm\$ 140.00
Barstock collet for channel set from 42 mm to 45 mm\$ 210.00
Barstock collet for channel set from 51 mm to 55 mm\$ 250.00
Barstock collet for channel set from 60 mm to 67 mm\$ 295.00

Hex stock high performance pusher colletsContact Edge Customer Service

Polyurethane bushing blocks (one set includes upper and lower pieces and is used in place of rollers in standard steady rest when machining hex, square, or profiled stock).....\$160.00

Air knife (recommended to minimize bar feeder oil loss when running shafts).....\$1,050.00

Pusher extension kit.....\$4,600.00

Axial shift device\$5,000.00

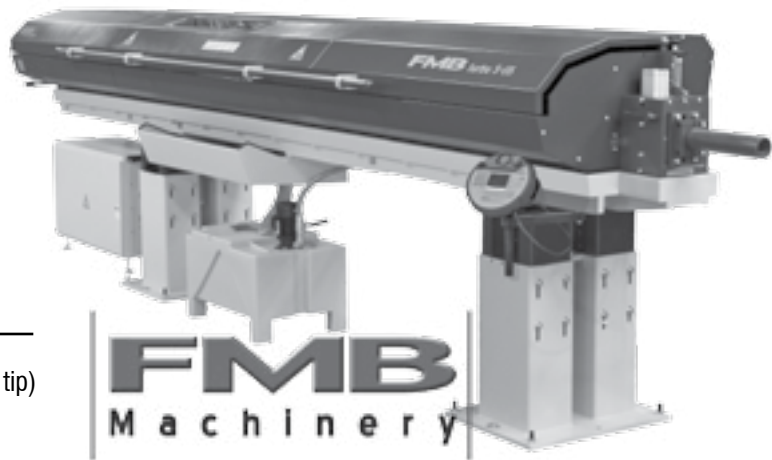
Serial Interface – Ethernet connection with embedded pc.....\$2,700.00

Tall stands for lathes with spindle center greater than 1200 mm.....\$1,500.00

Increases program storage to 2500 programs.....\$2,500.00

Standard Features

- (1) Guide channel set to be chosen by customer. Several sizes to choose from, each handling a specific stock range. See chart on next page. (spindle liner required if channel set is not lathe’s max capacity)
- (1) Universal hard nose and (1) nylon nose I.D. liner specific to pusher
- (1) O.D. Barstock collet (to be chosen by customer)
- Automatic remnant retraction, self centering gripper
- Custom lathe cable and interface plugs
- Outboard roller steady rest—quick adjust system and super rigid design. Mounted to base of machine to provide maximum support of bar stock and pusher.
- 48 part program memory storage



Guide Channel Sets	Pusher Diameter	Minimum Bar Size	Maximum Bar Size	Max. Bar Size With Front Remnant Expulsion *
Ø 15 mm	15 mm	5 mm (.196”)	13 mm (.511”)	15 mm (.590”)
Ø 20 mm	20 mm	6 mm (.236”)	17.5 mm (.688”)	20 mm (.790”)
Ø 25 mm	25 mm	10 mm (.393”)	23 mm (.906”)	25 mm (.984”)
Ø 32 mm	32 mm	10 mm (.393”)	29 mm (1.141”)	32 mm (1.259”)
Ø 36 mm	36 mm	12.7 mm (.500”)	33 mm (1.290”)	36 mm (1.417”)
Ø 38 mm	37 or 38 mm	12.7 mm (.500”)	35 mm (1.37”)	38 mm (1.496”)
Ø 42 mm	42 mm	17 mm (.669”)	38.5 mm (1.515”)	42 mm (1.653”)
Ø 45 mm	45 mm	19 mm (.750”)	42 mm (1.653”)	45 mm (1.771”)
Ø 51 mm	51 mm	25.4 mm (1”)	48.7 mm (1.917”)	51 mm (2.007”)
Ø 55 mm	55 mm	25.4 mm (1”)	51 mm (2.00”)	55 mm (2.165”)
Ø 60 mm	60 mm	35 mm (1.378”)	56 mm (2.204”)	60 mm (2.362”)
Ø 65 mm	65 mm	40 mm (1.574”)	61 mm (2.40”)	65 mm (2.559”)
Ø 67 mm	67 mm	40 mm (1.574”)	62 mm (2.44”)	67 mm (2.637”)

**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.*

Technical Specifications

Bar diameter capacity—no bar preparation: 5 mm to 62 mm (.196” to 2.44”)
Bar diameter capacity—with bar preparation: 5 mm to 65 mm (.196” to 2.559”)
Maximum bar length: 3800 mm (12 feet 5 inches)
Minimum bar length: 1000 mm (39.4”)
Maximum remnant length: 530 mm (20.8”)
Magazine rack capacity: 11”
Magazine rack angle: adjustable 6–20°
Bar loading cycle time: 30 seconds for 12-foot bar
Material straightness specification: .007”TIR/foot of material (V blocks, 3 points equidistant)

Feed force (pusher torque): max 750 N, adjustable
Forward feed rate: 2360 inches/minute max, adjustable
Return feed rate: 0-1650 inches/minute max, adjustable

Power consumption: 1.5 kW
Operating voltage: 230V/60Hz 3-phase
Control voltage: 24V DC

Oil capacity: 80 liters (22 gallons)
Oil viscosity: ISO 150 cST

Compressed air supply: 6 bar (90 psi)
Compressed air consumption: approx. 10 liters per loading cycle

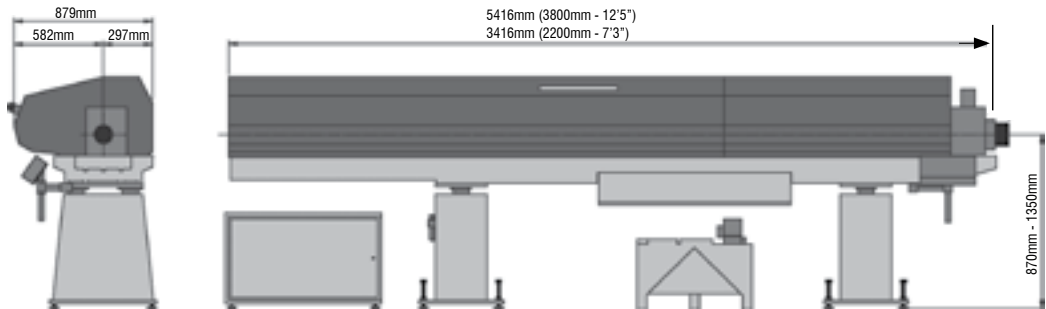
Machine weight: 6,400 lbs

Installation

We recommend that an Edge Technologies authorized technician perform the installation, verification, and training on your bar feeder system. The \$3,100 is a net price and is a “per trip” price. In order to achieve effective and comprehensive training and run-off, it is advised that the lathe be tooled up, program ready, and capable of making parts prior to the arrival of Edge Technologies’ Service Technician. Return visits due to post run-off reinstallations or a lack of customer and/or dealer readiness will be billed at \$125.00/hour labor and \$85.00/hour travel plus expenses.

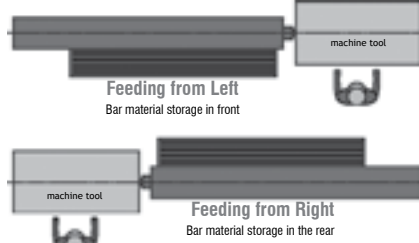
Warranty and lifetime phone support

FMB bar feeders come with a one-year parts and labor warranty. Edge Technologies provides free phone support to the original owner as long as you own the equipment.

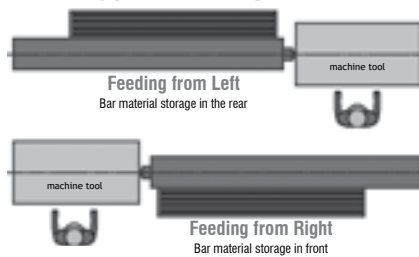


Loading Configurations

Type A/D - Standard



Type B/C - Optional



FMB Turbo 8-80 / Magazine Bar Feeder

For Swiss or fixed headstock lathes. Runs up to 12’ bars in a diameter range of 8 mm to 80 mm.

Turbo 8-80

Specifications

- Bar diameter capacity: 8 mm to 80 mm (.315” to 3.150”)
- Automatic loading magazine — 11 linear inches of rack capacity
- Double pusher, space saving design
- Polyurethane guide channel system — noise & vibration dampening
- Quick change guide channels and pusher
- Hydrodynamic support via high volume oil flow into channels
- Bosch motion control — dependable and user friendly, allows easy bar feeder parameter changes with remote pendant
- Separate floor mounted electric cabinet isolates electronics from vibration

Standard Features

- (1) Guide channel set to be chosen by customer. Several sizes to choose from, each handling a specific stock range. See chart on next page. (spindle liner required if channel set is not lathe’s max capacity)
- (1) O.D. barstock collet (to be chosen by customer)
- (1) Universal hard front nose and (1) nylon nose I.D. liner specific to pusher
- Automatic remnant retraction, self centering gripper
- Custom lathe cable and interface plugs
- Outboard roller steady rest—quick adjust system and super rigid design.
- 48 part program memory storage

List Price

FMB Turbo 8-80 12’	\$64,995.00
FMB Turbo 8-80 12’ 2 Guide Channel Complete Package Includes (2) Channel Sets, (2) Pushers, (2) Nose Liners & (2) Pusher Collets	\$70,990.00
FMB Turbo 8-80 10’	\$57,995.00
FMB Turbo 8-80 10’ 2 Guide Channel Complete Package Includes (2) Channel Sets, (2) Pushers, (2) Nose Liners & (2) Pusher Collets	\$63,990.00

Installation.....\$3,500.00 net price

Includes

- (1) Guide channel set of your choice (channel sections, pusher, & revolving tip)
- (1) Universal hard nose with I.D. liner
- (1) Custom lathe cable and interface plug
- (1) O.D. barstock collet

Optional Accessories

Additional guide channel set (includes pusher, revolving tip, nose liner & spindle liner)\$5,995.00

Spindle liner (needed when selecting a guide channel set whose max. bar diameter is smaller than the drawtube of the lathe)\$580.00

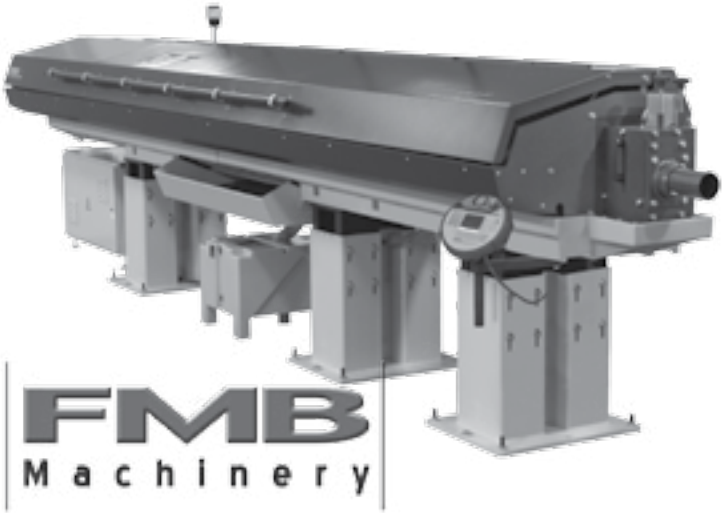
Bar stock pusher collets (specific collet required for each bar diameter):	
Barstock collet for channel set up to 25 mm	\$ 140.00
Barstock collet for channel set up to 42 mm	\$ 210.00
Barstock collet for channel set from 50 mm to 55 mm	\$ 250.00
Barstock collet for channel set from 60 mm to 65 mm	\$ 295.00
Barstock collet for channel set from 70 mm to 80 mm	\$ 395.00

Hex stock high performance pusher collets.....Contact Edge Customer Service

Polyurethane bushing blocks (one set includes upper and lower pieces and is used in place of rollers in standard steady rest when machining hex, square, or profiled stock)\$180.00

Air knife (recommended to minimize bar feeder oil loss when running shafts).....\$1,050.00

Tall stands for lathes with spindle center greater than 1200 mm\$1,800.00



Guide Channel Sets	Pusher Diameter	Minimum Bar Size	Maximum Bar Size	Max. Bar Size With Front Remnant Expulsion *
Ø 25 mm	25 mm	10 mm (.393”)	23 mm (.905”)	25 mm (.984”)
Ø 42 mm	42 mm	17 mm (.669”)	38 mm (1.500”)	42 mm (1.653”)
Ø 50 mm	50 mm	18 mm (.708”)	46 mm (1.810”)	50 mm (1.968”)
Ø 55 mm	55 mm	25.4 mm (1.00”)	51 mm (2.00”)	55 mm (2.165”)
Ø 60 mm	60 mm	35 mm (1.378”)	56 mm (2.204”)	60 mm (2.362”)
Ø 65 mm	65 mm	40 mm (1.574”)	61 mm (2.400”)	65 mm (2.559”)
Ø 70 mm	70 mm	45 mm (1.772”)	66 mm (2.598”)	70 mm (2.755”)
Ø 75 mm	75 mm	50 mm (1.968”)	70 mm (2.758”)	75 mm (2.952”)
Ø 78 mm	78 mm	50 mm (1.970”)	75 mm (2.952”)	78 mm (3.071”)
Ø 80 mm	80 mm	51 mm (2.000”)	76.2 mm (3.0”)	80 mm (3.152”)

**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.*

Technical Specifications

Bar diameter capacity—no bar preparation:	8 mm to 76.2 mm (.315” to 3.00”)
Bar diameter capacity—with bar preparation:	8 mm to 80 mm (.315” to 3.149”)
Maximum bar length:	4200 mm (13 feet 8 inches)
Minimum bar length:	1000 mm (39.4”)
Maximum remnant length:	530 mm (20.8”)
Magazine rack capacity:	11”
Magazine rack angle:	adjustable 6–20°
Bar loading cycle time:	30 seconds for 12-foot bar
Material straightness specification:	.007”TIR/foot of material (V blocks, 3 points equidistant)

Feed force (pusher torque):	max 750 N, adjustable
Forward feed rate:	2360 inches/minute max, adjustable
Return feed rate:	0-1650 inches/minute max, adjustable

Power consumption:	1.5 kW
Operating voltage:	230V/60Hz 3-phase
Control voltage:	24V DC

Oil capacity:	80 liters (22 gallons)
Oil viscosity:	ISO 150 cST

Compressed air supply:	6 bar (90 psi)
Compressed air consumption:	approx. 10 liters per loading cycle

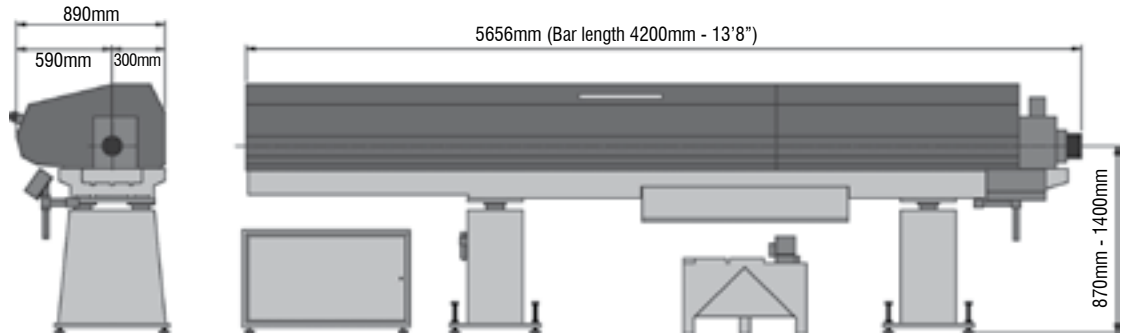
Machine weight:	7,260 lbs
-----------------	-----------

Installation

We recommend that an Edge Technologies authorized technician perform the installation, verification, and training on your bar feeder system. The \$3,500 is a net price and is a “per trip” price. In order to achieve effective and comprehensive training and run-off, it is advised that the lathe be tooled up, program ready, and capable of making parts prior to the arrival of Edge Technologies’ Service Technician. Return visits due to post run-off reinstallations or a lack of customer and/or dealer readiness will be billed at \$125.00/hour labor and \$85.00/hour travel plus expenses.

Warranty and lifetime phone support

FMB bar feeders come with a one-year parts and labor warranty. Edge Technologies provides free phone support to the original owner as long as you own the equipment.



Edge Technologies Special Application Units & Accessories



Hex Collets:
Available for FMB products.....call for pricing



Extended Rack:
Additional 20-24 linear inches of barstock storage.....call for pricing



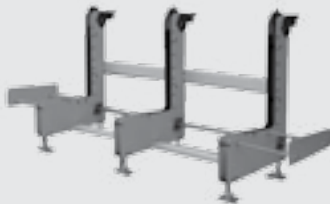
Bundle Loader:
5,000 lbs. of material storage.....call for pricing
FMB products



Axial Shifting Device:
16 linear inches of Z-Axis travel.....call for pricing
FMB products

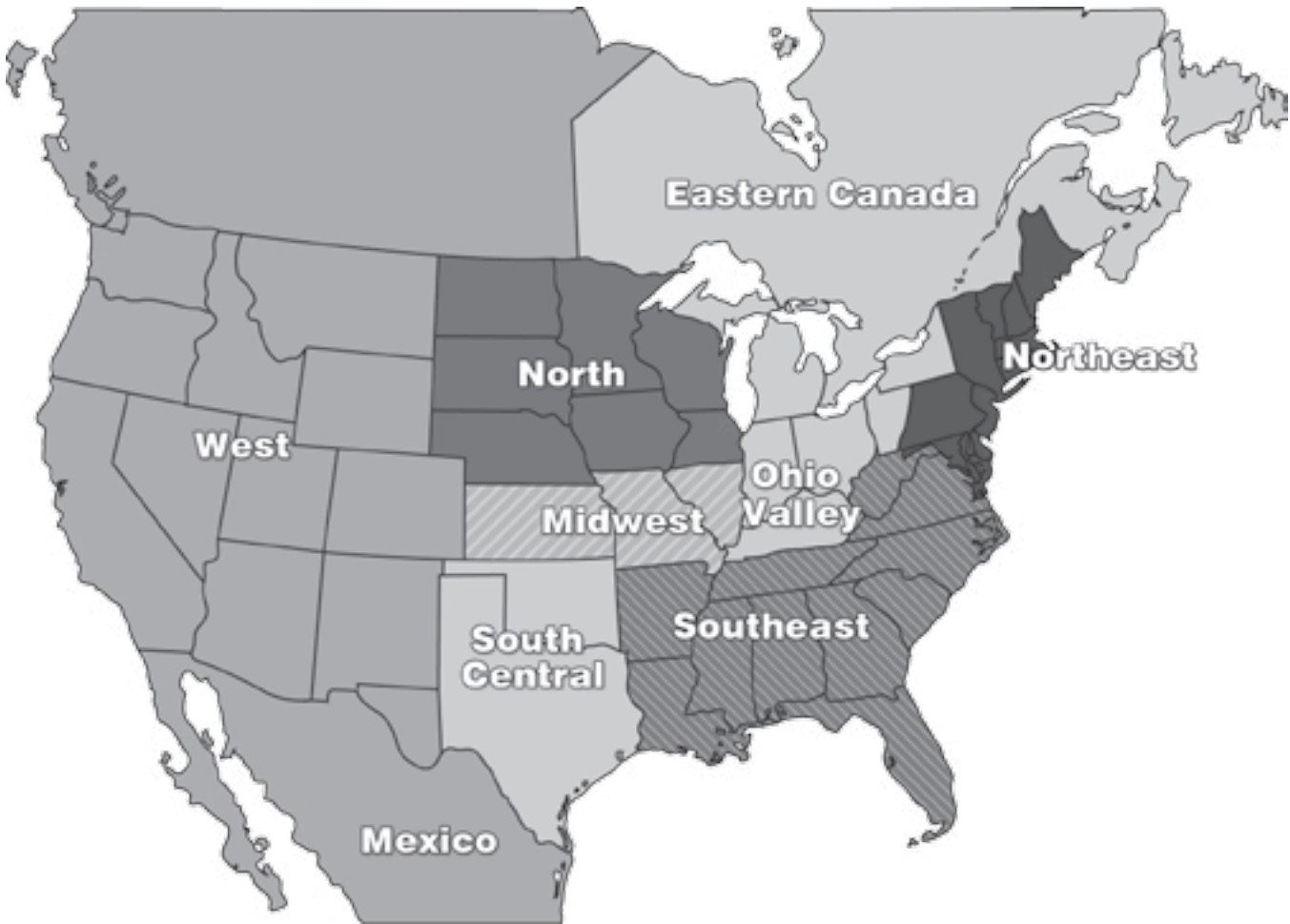


Flexsys
Load – Unload for shaft work.....call for details
Edge Technologies



LiftSys 80 6' or 12'
Heavy material loader.....call for details
Edge Technologies

For assistance please contact:
Parts: 314.810.3959
Service: 314.810.3927
or 314.810.3955



Regional Sales Managers

Midwest: Rick Bauer
314-692-8388 x3904
rbauer@edgetechnologies.com

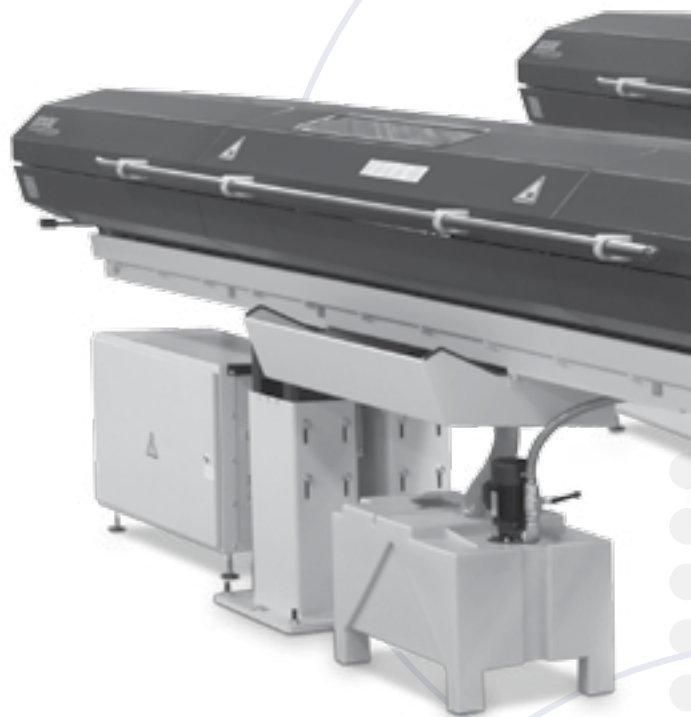
North: Steve Goron
847-345-6909
sgoron@edgetechnologies.com

Northeast: Vinny Kalinauskas
860-305-5303
vkalinausk@aol.com

Southeast: Bryan McKibben
937-609-0499
bmckibben@edgetechnologies.com

West/ Mexico: Bryan Crawford
562-243-4659
bcrawford@edgetechnologies.com

South Central/ Ohio Valley/ Eastern Canada: Carl Miller
937-219-3638
cmiller@edgetechnologies.com



EDGE ● ● ●
TECHNOLOGIES

11600 Adie Road
Maryland Heights, MO 63043

(p)314-692-8388 x3840
(f)314-692-5152
www.edgetechnologies.com