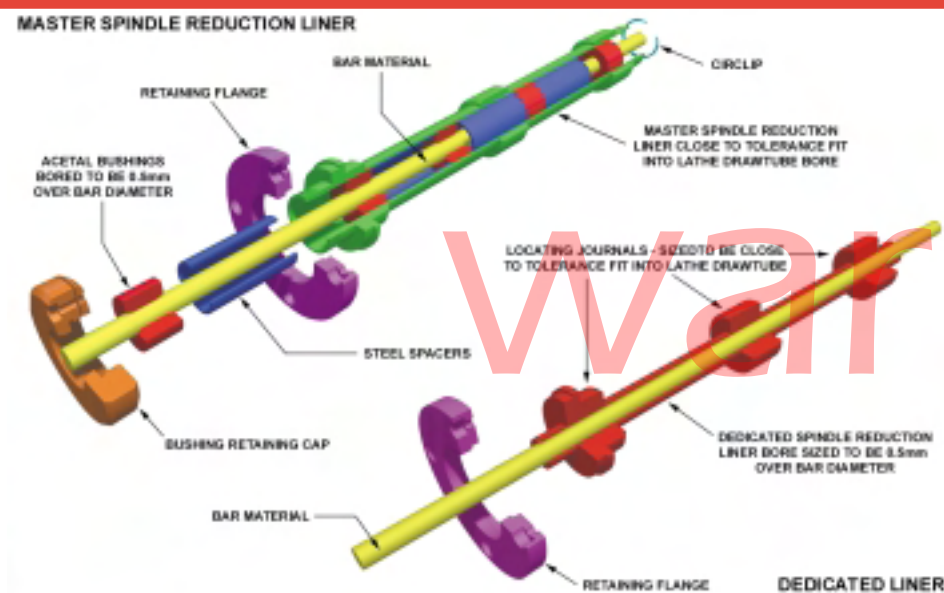


THE MULTIFEED REDUCTION LINER SYSTEM - STANDARD EQUIPMENT

Each Multifeed Bar Feed is supplied as standard with:

1 Master Spindle Reduction Liner, 5 sets of Bushings, and 1 set of Spacers. Additional Bushings can easily be manufactured or obtained from Hydrafeed Limited.

This facility enables CNC lathes to run at maximum RPM without vibration. This is achieved by ensuring that the bar is enclosed within the Bushings with approximately 0.5mm clearance between the bar outside diameter and the bore of the Bushings, to prevent whip which causes vibration.



Technical Information

	MX1B	MX2		MX1B	MX2
Bar Length Capacity mm	1650	2000	Unit Weight	458Kg	523Kg
Max. Stroke mm	1700	2050	Height Range	700-1500 mm (28"-60")	
Bar Diameter Range	3-80mm standard up to 120mm optional extra		Electrics	110/220v 40-60Hz	
Magazine Capacity	30 x Ø25 mm or equivalent		Power Source	Electro-Pneumatic	
			Comp. Air Requirement	5-7 bar (75-100 psi)	

HYDRAFEED LTD



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Website: www.hydrafeed.co.uk E-Mail: info@hydrafeed.co.uk

MULTIFEED MX1B AND BAR SUPPORT UNIT



MANUFACTURED IN THE UK BY

Hydrafeed Ltd

STANDARD BARFEED FEATURES

- Bar capacity 3-80mm diameter
- Reduction Liner system that eliminates vibration, allowing maximum lathe RPM
- Varying sizes of Push Rod as required
- Adjustable Push Rod back-off control or full retraction facility
- Next bar is loaded ready for insert during manufacturing cycle. Next bar change time 10 seconds maximum
- Removable remote controller, for easy set-up procedures
- Control Box Window allows visual inspection of programmable computer control display lights, showing every stage of manufacturing cycle
- Swing Aside Facility to allow Multifeed to be moved away from rear of lathe for lathe maintenance, without loss of alignment
- All operations are factory set and virtually no maintenance is required
- 10 Man Service Team & 24 hour help line providing complete after sales service
- CE Certified

Optional extras

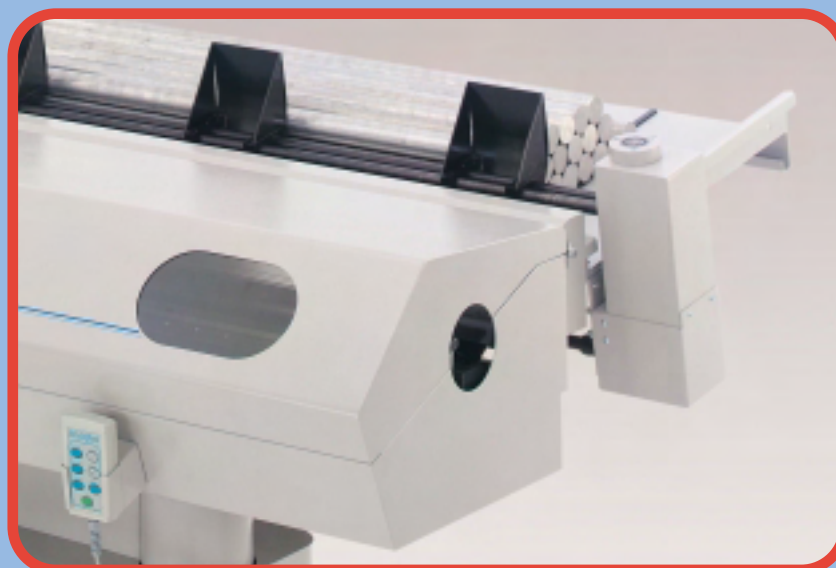
- Bar Support Unit for bar lengths up to 2 metres.
- Multi-Stacker magazine attachment greatly increases magazine bar capacity, allowing improved non-stop production.
- Special Multiffeeds with up to 120 mm diameter capacity.

ADVANTAGES OF MULTIFEED SYSTEM

- 1 year guarantee
- Designed for un-manned operation/lights out production
- Labour intensity reduced - payback vastly improved
- Quick and easy bar size changeover reducing CNC lathe downtime
- No restriction on lathe RPM, allowing optimum performance from CNC lathe
- Efficient bar end disposal minimises waste material
- Can be programmed to give shaft loader sequence - 2nd operation work automation
- No bar preparation required, removing the need for secondary material handling
- Hex, square or odd shaped bar can be easily fed without the need for spindle orientation
- Magazine accommodates varied bar lengths
- Additional material can be added to magazine without interrupting production
- Requires 1/3rd the space of conventional Barfeed, considerably reducing floor space
- Manufactured at our works in Milton Keynes, UK, with all spares kept in stock
- Geographically based service engineers for best response times all over the UK
- Over 7500 units in use worldwide
- Preferred Barfeed supplier for all major machine tool dealers

MULTIFEED + BAR SUPPORT UNITS

The practical solution for feeding 1/2 bar lengths utilising the benefits of a Short CNC Magazine Barfeed



View of Multi-Stacker showing method of increasing magazine capacity



Remote Hand Control Unit



View showing static Bar Support Unit (B.S.U.)

Standard B.S.U. (Bar Support Unit)

- General purpose and well proven unit when using round bars up to 1650mm in length.
- The special oilon bushings are used to control and support bar longer than the lathe headstock