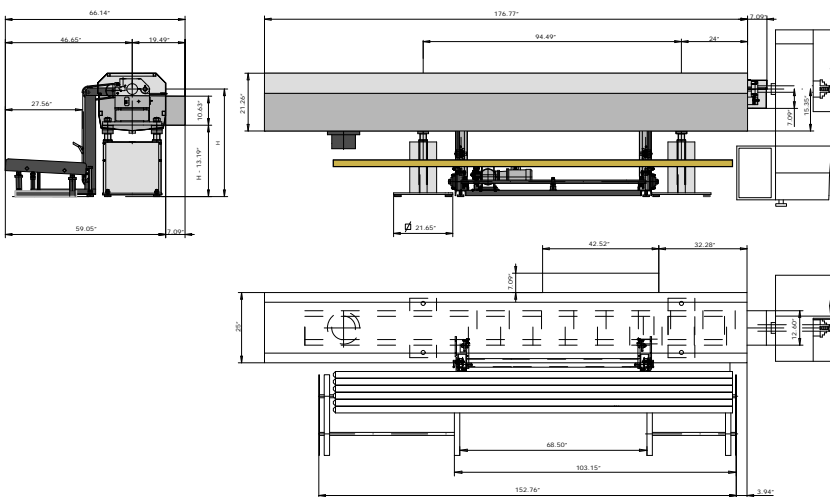
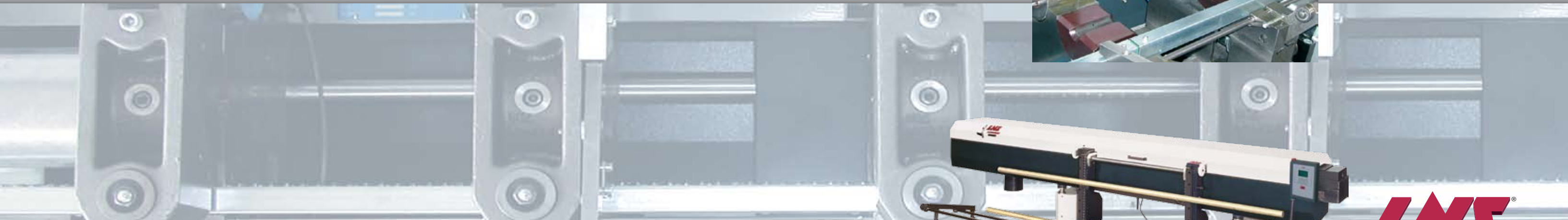


Technical Specifications

- | | |
|---------------------------------|---|
| Bar Diameter: | 1/2" - 3-1/8" |
| Bar Length: | Maximum bar length 12' 6" on 12' models, available in 3 meter and 4 meter version |
| Loading System: | Chain Elevator |
| 27-1/2" Large Capacity Magazine | |
| Weight: | 3,800 lbs. |
| Front or Rear Load Available | |



Automatic Magazine Bar Loader for 12' Bar Stock
Used with Fixed Headstock Lathes

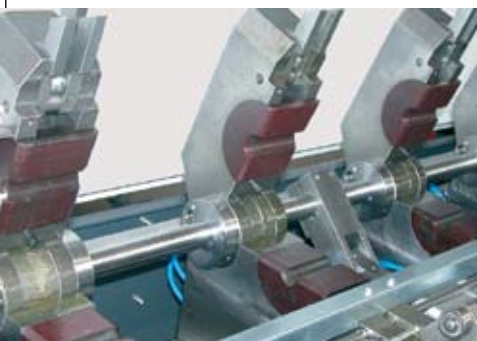


We support every product we sell with replacement parts, field and factory service by trained technicians strategically placed throughout the North America market. We are able to provide parts and service for LNS bar feeds that have been in service for over twenty years because we design and manufacture all of our bar feeds, chip conveyors and coolant management systems.



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Member of the LNS Group



LNS America has set the industry standard in bar feed systems. The Hydrobar Sprint S3 is incredibly efficient and undoubtedly reliable. Designed to safely handle a complete range of sizes, high speed operation, greater workpiece accuracy, shorter machining times, quiet, vibration-free performance, unattended operation, superior surface finish, longer tool life and lower running costs. The Hydrobar Sprint S3 features a patented self-opening bearing block design, permitting you to run round bar stock at your lathe's maximum spindle speed and it guarantees the best bar support in the industry. Hexagonal and square bar stock can also be accommodated.

Maximizing Your Spindle Speed For Efficiency

Unsupported bar stock turning at high RPMs produces poor output and over a period of time can cause damage to your barfeed and lathe.



Designed to Run at High RPMs

When running at high RPMs, the design of a barfeed contributes greatly to the life of a lathe, surface finish and tool life.



The Hydrobar Sprint S3 features a patented hydrostatic self-opening bearing block design, permitting you to run round bar stock at your lathe's maximum spindle speed and it guarantees the best bar support in the industry. The Hydrobar Sprint S3 hydrostatic bearing element design is capable of continuous operation at maximum RPM's*.

Its high speed capability also permits full implementation of constant surface speed cutting operations up to 3000 SFM. Pressurized oil penetrates the bearing elements, allowing high speed bar stock rotation.

***Barstock Straightness Specifications**

For optimum rotational performance, bar stock straightness needs to be .020" per 3.25 feet, non accumulative. Barstock out of this tolerance will not run at optimum RPM capability. Other factors such as material type (brass, copper, bronze and other malleable materials), clamping efficiency of the machine workholding, alignment of the barfeed, oil type, bar preparation and spindle liners will affect optimum RPM capability of the system.

Extended Run Time Keeps Your Production Running Efficiently

Continuously loading bar stock to keep your production running can become inefficient. Production time is lost and long run times can result in profit lost.



Intelligent, User Friendly Remote Control For Fast Changeovers

The latest PLC generation offered with the Hydrobar Sprint S3 is user friendly and production efficient. The ultra light, ergonomic remote control provides clear, concise instructions, text messages and unmatched ease of operation. The remote can be unplugged from the cable for ease of servicing.



Maximum speed is based on round steel bar straight within .020"/3 ft. with diameter clearance of .020" rotational clearance between bearing elements and bar stock. For relative speeds using other materials, contact manufacturer.

