

***LNS AMERICA***  
*FALL NEWSLETTER*  
*2015*



Your One-Stop-Shop For Machine Tool Peripherals

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**JEFF MCMULLEN - CEO**

# ***WHY LISTENING TO OUR CUSTOMERS IS SO IMPORTANT***

Innovation begins when you look at a product through the eyes of your customer. This is a fact Apple co-founder Steve Jobs understood very well – and something LNS learned early on. In fact LNS introduced Hydrobar technology in 1975 as a response to a need voiced by machine tool users struggling with the limitations of existing 12-foot bar feeders. This sparked LNS to rethink bar feeding and pioneer technologies that changed the industry forever.

And it all started by simply listening to the customer.

We still listen every day, and the latest result is our new [GT 326-E Bar Feeder](#). [📄](#) You told us you were disappointed with the performance of other lower-cost bar feeders for sliding headstock machines. LNS listened and developed its own affordable, automatic, 12-foot bar feeder with advanced technology typically found in much more expensive machines. [You can learn more about it here.](#) [📄](#)

In the same way customers told us they encountered bottlenecks and coolant pump damage caused by various kinds of chips. This led to the [MH Series](#) [📄](#) of self-cleaning chip conveyors that handle virtually every kind of chip while filtering coolant to 250 microns.

When customers complained that the oily mist from their CNC machines created worker health and safety issues, LNS introduced a series of [oil mist collectors](#) [📄](#) that use patented filtering technology to keep factory air purer and work surfaces cleaner.

Users of steady rest workholding devices told us that off-the-shelf products didn't always solve their turning problems, so LNS custom designs complete steady rest-based [workholding systems](#) [📄](#) for each customer's specific needs.

For more than 40 years we've listened to the voices of our customers and responded with the products and services that have made us the industry leader in machine tool peripherals. Today, no other company can match the global resources of LNS, or provide more ways to enhance machine tool performance.

We're proud to continue providing solutions that improve our customer's productivity and profitability, simply by heeding the lesson we learned 40 years ago: Listen to your customer.

We sincerely thank all of our customers – not only for buying LNS products – but also for helping us continuously improve, year after year. Our primary goal is to enhance your entire experience with LNS. So please keep talking and let us know how we can serve you better. I promise we'll continue to listen.

Sincerely,

Jeffrey S. McMullen

CEO, LNS North American Business Unit

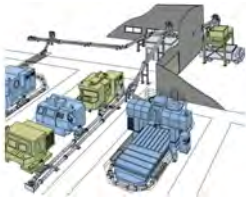
# **LNS FALL NEWSLETTER**

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# NEW! GT 326-E AUTOMATIC MAGAZINE BAR FEEDER

## Here's how to build an affordable bar feeder that outperforms the competition

It may sound too good to be true, but the new [GT 326-E](#) from LNS is packed with technology usually reserved for far more expensive bar feeders.

How is this possible? Simple: LNS took the most important innovations they've developed over the past 40 years, looked at them with fresh eyes and refined their manufacturing process to deliver more bar feeder for a lot less money. The result is the GT 326-E automatic magazine bar feeder.

- Efficiently loads 12' long bar stock with diameters from 3 mm to 20 mm (26 mm with bar prep) into sliding headstock machines.
- High capacity, 10.6" wide magazine tray enables long, unattended, lights-out production.
- Exceptional bar guiding, support and vibration dampening made possible by molded guiding channels and a patented two-position, automatic front stabilizer.
- Patented high-speed electronic headstock synchronization and Swiss safety connection help dampen residual vibrations between bar feeder and machine tool while keeping the workplace safe.
- Optional 2-position Z-axis bar feed retraction system, adjustable with safety switches, to accommodate non-guide bushing applications for optimum performance and ease of machine maintenance.

See for yourself why low cost and high-performance can go hand in hand. Contact your LNS representative or visit [www.LNS-america.com](http://www.LNS-america.com)



**GT 326-E - AUTOMATIC MAGAZINE BAR FEEDER**

# 3D ISN'T JUST FOR THE MOVIES

## LNS disc conveyors keep chips out of site and off your mind

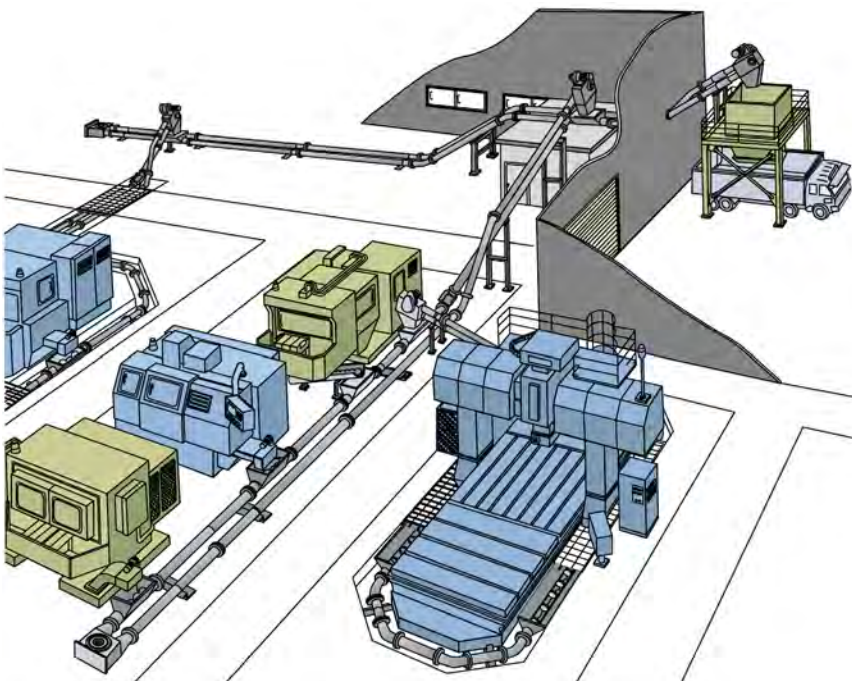
While it's true that "If you're not making chips, you're not making money," managing all of those chips is often a serious challenge. This is especially true in high volume facilities where chip removal can be a full-time job. In fact it's not unusual to invest 8 –16 worker hours each day just emptying chip receptacles. Even worse, if the chips aren't removed in a timely manner, they can back up and cause production delays.

That's why many companies that produce large volumes of chips depend on a fully automated LNS [3D chip conveying system](#). It works by removing the chips from multiple machine tools and piping them directly to an inside or outside receptacle.

The system employs drag links that scrape chips along the bottom of the conveyor body and up an incline for disposal. Then an endless chain with attached blades pulls the chips through a network of sealed pipes to the disposal area.

Using modular components, LNS designs each 3D system for the customer's specific requirements. Piping is available in diameters from 4" to 10" and the system can move materials in any direction to accommodate virtually any size facility. The simple design keeps maintenance to a minimum, saving even more time and labor costs.

**If you think your facility could benefit from an LNS 3D chip conveyor system, contact your LNS representative to learn more.**



# LARGE SCALE SOLUTIONS FOR BIG OIL MIST PROBLEMS

## Keep the air clear and work surfaces clean even in extreme conditions

[LNS oil/coolant mist collectors](#) have a well-deserved reputation for removing oil/coolant mist and smoke from individual CNC machines. When it comes to very large machine tools, machining centers, or factories that produce large quantities of oil/coolant mist, manufacturers can turn to the [WM Series](#) of high-volume oil/coolant mist collectors.

These WM air filters are modular, large capacity systems that are ideal for very large machine tools that require greater airflow, and can even simultaneously manage multiple machines. Available in 2500, 5000 and 7500 CFM flow rates, the WM Series has the same design characteristics that make the [WS Series](#) so efficient and reliable.

- Exceeds OSHA and NIOSH clean air standards
- 2-stage filtration system with long filter life
- Optional 3rd stage HEPA filter removes 99.97% of cutting oil smoke particles plus other fine aerosols and particulates
- Accommodates all machine types and processes using water-soluble, synthetic or neat oil coolants
- Specifically designed for machine tool oil/coolant mist environments

To learn more contact [Charles Taylor, Product Manager, Air Filtration Products.](#)

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**WM SERIES - OIL MIST COLLECTORS**

# SEEING IS BELIEVING

## LNS product videos bring key features to life

Sometimes it's hard to visualize the unique time and money-saving technologies we build into every LNS product. That's why we've produced a series of videos that give you an inside look at just how they work. Click the links below to see for yourself:

### Barfeed Videos

- ☑ [Alpha ST212 S2 Barfeed](#)
- ☑ [Alpha ST320 S2 Barfeed](#)
- ☑ [Express 220 / 320 Barfeed](#)
  
- ☑ [Express 332 S2 Barfeed](#)
- ☑ [Alpha 538](#)
- ☑ [Alpha 552](#)
  
- ☑ [Alpha SL65 S](#)
- ☑ [Quick Load Servo 80 S2 Barfeed](#)
- ☑ [Quick Load Servo S3 T Barfeed](#)
- ☑ [Quick Six S2](#)

### Bar Stock Diameters

- 2mm-12mm
- 3mm-20mm
- 2mm-20mm
- 3mm-20mm
- 3mm-32mm
- 5mm-38mm
- 5mm-47.6mm
- 52mm w/bar prep
- 6mm-67mm
- 6mm-80mm
- 6mm-120mm
- 8mm-80mm



### Chip Conveyor Videos

- ☑ [MH Series Chip Conveyor](#) Coolant Filtration of 250 or 500 microns
- ☑ [Turbo 3D Chip Conveyor](#) Factory-wide chip disposal

### Air Filtration Videos

- ☑ [WS Mist Collector](#) Removes oil/coolant mist and smoke to OSHA & NIOSH standards

### Coolant Management Videos

- ☑ [Phasep Tramp Oil Removal System](#) Cleans 99% of contaminants from coolant

### Workholding Systems Videos

- ☑ [Steady Rest](#) Automatic Work Support Systems

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Thank you!



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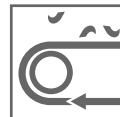
Bar Feeding  
Systems



Work Holding  
Systems



Coolant  
Management  
Systems



Chip  
Management  
Systems



Air  
Filtration  
Systems