



## TURBO MF3 CHIP CONVEYOR

### FILTERING CHIP CONVEYOR

Filtration down to 50 microns

Designed for maximum up time, dramatically longer life and reduced operating costs.

Mixed Materials  
Coarse or Stringy Chips  
All Sizes Mixed

Aluminum  
Fine Chips  
Coarse and Stringy



YOUR "ONE-STOP-SHOP"  
FOR MACHINE-TOOL PERIPHERALS

Specifications subject to change without notice

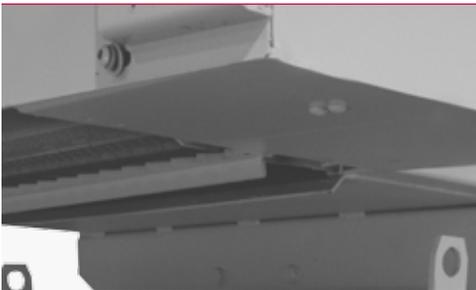
The Turbo MF3 provides filtration of the machine coolant to 50 microns through its dual conveyor system and self cleaning filter drum. The system is suitable for any chip type and any material to ensure the maximum machine up time. This system uses the already proven technology of the Turbo MF2 but with improved layout and design to give maximum space saving around the machine.



### Dual Purpose Conveying

Heavy chip removal of all sizes with filtration is essential to keeping your production running efficiently.

The Turbo MF3 is designed and built to take on the toughest chip removal jobs and simultaneously provide superior filtration. The Turbo MF3 is a dual conveyor design. The upper conveyor is a hinge belt type which can be specified in standard, heavy, and super heavy duty configurations to best match your chip load. The lower conveyor is a scraper type which removes the fines and small chips trapped in the lower conveyor. Coolant flows up to 150 GPM and 50 micron filtration is accommodated with the standard filter drum design. Optional coolant tanks are configured to your requirements.



### Compact Discharge With Durable Functionality

Manufacturing facility floor space is valuable, but machine performance does not have to be compromised to minimize your machining footprints.

The Turbo MF3 has been designed with a compact discharge area taking up less space than the Turbo MF2 from both a height and length perspective so the overall conveyor takes up less valuable floor space. Both conveyors provide heavy chip removal with 50 micron coolant filtration.

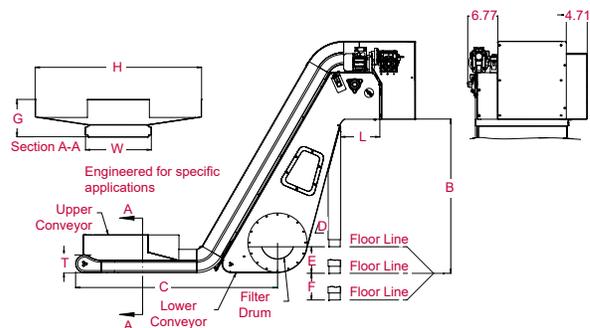


### Height Requirements To Match Your Machine

Machines are designed with various height requirements. Having the proper chip conveyor with the proper height requirement to match your machine is essential to convey your machining chip material.

The Turbo MF3 has a lower profile design over the Turbo MF2. The lower conveyor does not extend under the upper conveyor. The Turbo MF3 design can be fitted into machines with lower height requirements.

TURBO MF3 CONVEYOR FRAME DIMENSIONS (INCHES)		
Type (Upper)	Standard Duty	
Sidewing Height	.75	
Belt Width	4-22	
W	Width (Upper)	BW + 2.06
T	Height	4.83
L	Leg Location	Varies



SPECIFICATIONS		
Variable	Description	Dimension
A	Belt width (BW)	See Table
B	Discharge height above floor	
C	Horizontal section length	
D	Incline angle	75 Deg
E	Horizontal section above floor	
F	Horizontal section below floor	
G	Baffle height (max.)	
H	Baffle width (max.)	
I	Width (under conveyor)	18" or 24"

#### YOUR "ONE-STOP-SHOP" FOR MACHINE-TOOL PERIPHERALS

LNS provides a full range of barfeeders, chip conveyors, coolant management systems, air filtration systems, and workholding systems that is second to none on the market. We are known in the industry for the solid experience we have gained over several decades in an exceptionally wide range of applications, our excellent customer service, and our technical support. This support is ensured by highly qualified technicians who are available throughout North America.



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