



BLAZE AIR UNLOADER

COLLET FREE AUTOMATIC PARTS UNLOADER OR LOADER / UNLOADER

Blaze Air U automatically unloads parts from CNC lathes with through-hole sub-spindle

Blaze Air LU automatically loads and unloads parts on single spindle CNC lathes

Part length: 2" to 36" or 2" to 48", Part diameter: 1/4" to 3"



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

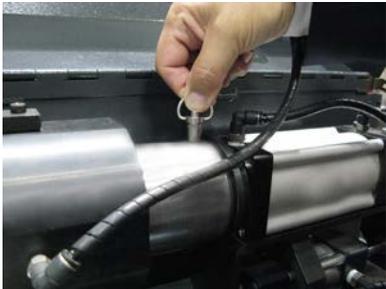


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Productivity Efficiency

The Blaze Air from LNS is engineered to unload parts from the machine sub spindle automatically, and can be easily integrated into automated production cells. When combined with an LNS barfeeder on the main spindle, a substantial increase in production capability and operator safety are gained by the continuous operation of unloading parts automatically. Ideally suited to bar feeding applications for twin spindle or sub-spindle machines with thru hole.



Changeover Simplicity

Complete diameter changeovers for the Blaze Air Unloader can be achieved in 5 minutes or less. No collets are required; vacuum is used for loading/unloading. Quick changeovers result in minimal downtime allowing production levels to be met.

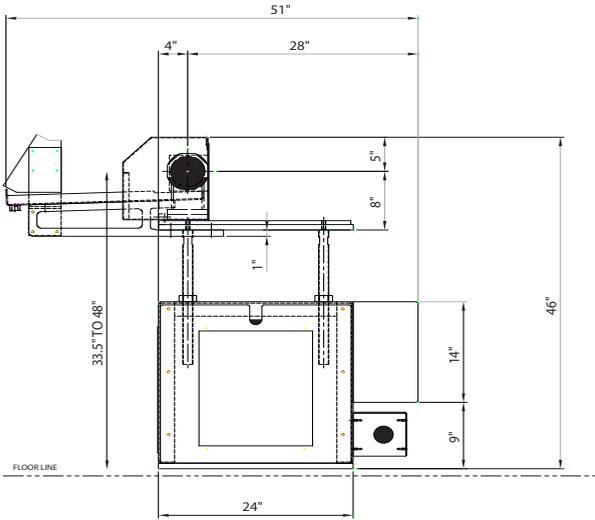
The operator can achieve changeover quickly, no tool is required permitting to quickly and competitively meet customer's demand.



Dual Operation

The Blaze Air Unloader (U) or Loader Unloader (LU) are small in size and blazing in speed, the Blaze Air LU does the work of both a parts loader and unloader in one machine. Pre-cut part lengths are loaded onto a rack and fed into the Blaze Air. The part is "air conveyed" through the lathe spindle until it contacts the specially designed workstop, mounted in a turret station.

The Blaze Air positions a loaded part against the workstop, which cushions the part and then transmits a signal to confirm that the load is complete. After the part is machined, the Blaze Air extracts it back through the same spindle and unloads it onto an exit tray. The next part is then loaded.



Specifications	U36	LU36	U48	LU48
Diameter	1/4" to 3" (6 mm to 76 mm)			
Part Length	2" to 36" (51 mm - 914 mm)		2" to 48" (51 mm - 1219 mm)	
Voltage/amps	Note: A separate power drop is required for the Blaze Air 220 VAC, 3 Ph, 50/60Hz, 25 amps 460 VAC, 3 Ph, 50/60Hz, 15 amps			
Unloading of Parts	2 to 3 seconds			
Floor Space Required	70" x 51" (1778 mm x 1300 mm)		82" x 51" (2083 mm x 1300 mm)	
Unload Tray Capacity	Standard: 17" (432 mm)			
Weight	1,600 lbs.		2,000 lbs	
PLC Controlled	Yes			
Front or Rear Unload Tray	Upon Request			

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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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Facilities covered by this mark have been evaluated to international quality assurance standards by UL DQS Inc.