

# PRAB PNEUMATIC CONVEYOR

PROVEN TO RAISE PRODUCTIVITY UP TO 60%

## Highly Flexible Layout for Maximized Floor Space-No Plant Air Required

PRAB Pneumatic Conveyors offer operation and installation flexibility. This conveyor is designed to pick-up wet or dry scrap directly from CNC machining centers and transports it to a central chip processing system or load-out container. This type of tubular conveyance allows for installation near the ceiling or in tight spaces which provides minimal floor space for operation, and allows for easy reconfiguration when modifying plant space.



Overhead Pneumatic Piping

*"Our original process was very labor intensive and required constant attention," said Sroufe. "It was not effective, far from automatic, and it certainly didn't fit with our philosophy of having a clean, environmentally-friendly shop."*

C&A Tool, Gary Sroufe, multi-spindle "go-to guy"

## System Features and Benefits:

- Frees up valuable floor space
- Secure, clean transfer of material from point of generation to destination
- Improves plant safety
- Eliminates fork lift traffic
- Highly flexible layout capabilities, for locating both over head or in tight spaces
- Allows for easy reconfiguration when modifying plant space
- Can be engineered with multiple pick-up points
- No plant air required for operation
- PLC controlled with HMI interface



Pneumatic system moves chips from multiple shop CNC machining centers to a central chip processing location

Backed by the **PRAB Difference**

# PRAB PNEUMATIC CONVEYOR

## CONVEYORS STILL OPERATING IN THE FIELD AFTER 57 YEARS

### Air Transfer Options:

Systems are available in both positive pressure and vacuum conveyor models- depending on the application.

#### Positive Air Blower System

- PRAB chip fan transports dry chips up to 250 ft (76 m) or more
- Positive displacement blower or PD pump can be fed by rotary air locks or eductors for multiple chip inputs and long distances
- Cyclone receivers reduce chip velocity when conveyed through the system
- Available in abrasion-resistant steel or manganese (for severe-duty) liners
- Automatic swivel or single discharge chutes

#### Negative Pressure Vacuum System

- Vacuum blower transports wet or dry chips with multiple pick-up points to central chip processing location
- Hardened bends and filter/cyclone receivers
- Nickel-plated and abrasion-resistant wear items
- Cyclone receivers reduce chip processing velocity as they are conveyed through the system
- Available in abrasion-resistant steel or manganese (for severe-duty) liners
- Automatic swivel or single discharge chutes



Pneumatic system feeds hopper to chip system and transports chips to outside silo



Typical chips and coolant inlet receiver hopper from CNC machine



Pneumatic system discharge to semitrailers



A true performance guarantee ensuring your PRAB equipment achieves the specific results it was designed and manufactured to deliver. And if you need technical support, call us. We are available 24/7.

Contact us to **request a quote** today

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