PROVEN TO RAISE PRODUCTIVITY UP TO 60%

Documented Results Achieved by PRAB Customers

DECREASED DOWNTIME
Downtime Before PRAB: 3-4 hours
Downtime After PRAB: 2 minutes

SAFER WORKPLACE
“Our process of disposing metal scrap has become more ergonomic and safer.”
—Jack Rovan, Martin-Baker
PRAB Conveyors are documented to lower maintenance and are built tough for long life. Scrap type and size, loading conditions and air temperature are all factors in determining a system's longevity and we take all of these into consideration when we design.

Pivot Belt™ Conveyors
No Carryover of Sticky Stamping Scrap
The unique design of the pivoting sections and the raised-dimpled Rigidized® steel belt ensure no carryover of sticky, oily pieces. (Plain belting is also available.) Its raised pusher flights keep material flowing as the seamless, one-piece pan collects waste fluid for safe disposal or recycling.

Steel Belt Conveyors
Metalworking’s Most Versatile Belt Conveyor
Steel belt conveyors (available in open or completely sealed, oil-tight frames) efficiently move your dry and wet metal scrap, chips and parts. Choose from hinged or bedded pan styles with plain, perforated or dimpled belting.

Oscillating Conveyors
Convey Horizontally with Vibration
Durable springs deliver a steady, quiet flow and discharge. Troughs come in square or flared styles with a choice of smooth or optional raised-dimpled Rigidized® steel surface. Installs easily alongside presses or in a pit.

"I used to work in a shop that had PRAB equipment and it ran 24/7, with very little maintenance. When it came time to look at scrap handling systems, I wanted to go with what I felt was the best."
Gary Sroufe, C&A Tool

Backed by the PRAB Difference
PRAB's smart-programming provides remote notification system alerts to minimize downtime and provides diagnostic-fault programming to make corrections without employee intervention. Email and text notifications are also available for conditions that the customer would like to monitor about the system.

**ScrapVeyor II™ Conveyors**

**Liquid Tight Construction to Transfer All Types of Metal Scrap**

This fully automated conveyor features a leak-proof construction that retains 100% of your cutting fluids. Larger rollers keep the chain on track and the rotating flight cams provide less friction for cooler, longer operation. Its “V” or flat trough features an abrasion resistant, self-cleaning, raised-dimpled Rigidized® flight surface. Use in combination with a distribution system to maximize your operation's load-out efficiency.

**Harpoon™ Conveyors**

**Liquid Tight System Ideal for High Volume, Coolant Flow Applications**

This conveyor's liquid-tight trough construction is ideal for high-volume coolant flow applications. The free-floating ram design and abrasion resistant steel liner minimize maintenance. Install the Harpoon easily below the floor (cast in place or pit-mounted) or specify an elevating design.

**Magnetic Conveyors**

**Quiet Performance with No Carryover**

Convey wet or dry ferrous chips, stamping slugs, stamping scrap or parts with no carryover. All models feature a rugged, long-life stainless steel slider bed with a smooth or raised-dimpled Rigidized® steel surface. Permanent ceramic magnets are standard; rare earth magnets are optional for heavy-duty applications.

**Drag Conveyors**

**Exclusive Bolt-Free Connections for Strength Under Grueling Conditions**

The abrasion-resistant flight bars feature an exclusive bolt-free connection. The forged-steel, rivetless chain and liquid-tight, steel-pressed trough stand up to extreme conditions.

Contact us to request a quote today
**Pneumatic Conveyors:** Vacuum Systems

Move chips and Unmanageable Metal Scrap with No Plant Air Required

This system's powerful vacuum blower(s) delivers metal chips to a wringer, briquetter or load-out area with ease and efficiency. It even moves hard-to-manage scrap sizes and shapes to a Horizontal Axis Crusher. Installs in tight spaces and reconfigures easily if you add machining centers.

**Pneumatic Conveyors:** Blower Systems

Transport Wet or Dry Metal Chips with Positive Air Pressure or a Vacuum System

**Model 525 Chip Fans** transfer dry aluminum chips to scrap trailers. The positive air system uses a PD pump or blower that can be fed by rotary air locks or eductors for multiple chip inputs. **Negative Pressure Vacuum Systems** pick up wet or dry chips at multiple points and deliver them to a central processing system. **Cyclone Receivers** reduce chip velocity as they are conveyed through the pneumatic system.

**Screw Conveyors**

Meter Feed a Wide Range of Wet or Dry Metal Scrap

These easy-to-operate and maintain conveyors collect, transfer, meter-feed or distribute machining scrap. They’re excellent solutions for metal shredder-feeding applications.

**Shuttle Conveyors**

Load-out Stamping Scrap with Even Distribution to Trailers or Railcars

This transversing, bi-directional steel belt conveyor’s continuous, back-and-forth operation provides even scrap distribution between dual large containers—Automatic level sensors warn operator when the trailer is full.

Try our conveyor selector tool at [prab.com](http://prab.com)
Improve Die Casting Productivity and Profitability.

Quench Conveyors
Improve Die Casting Consistency and Productivity
Liquid-tight quench conveyors are excellent where air-cooling is not sufficient or practical in your die cast, heat transfer, parts cooling or coating operation. Specify either a steel or magnetic belt and separate or integral, leak-proof liquid tank. Chillers are also available to conserve water usage.

Casting Coolers
Ideal for Air Cooling of Hot Die Castings
Eliminate the misting and air-quality issues associated with water quench conveyors. Available with steel belt or an optional flat belt that promotes extra cooling for lightweight casting applications. Customize with a single fan or multiple cooling zones in a length to match your application.

Furnace Feeders
Keep Operators Away from Melting Furnace
Use for continuous or batch feeding. Standard design comes with an oscillating steel trough and easily replaceable heat shields and discharge chute that extend into the melt area. Customizable to the size and configuration required.

“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”

Contact us for questions about your specific application.
Performance Guarantee

PRAB is dedicated to building robust equipment that meets the demanding needs of metalworking and manufacturing operations. We handle every aspect of customer care with zero outsourcing and a 100% operational guarantee, known as the PRAB Performantee®.

The PRAB team stands behind each piece of equipment. We put our equipment experts to work for you around the clock with our 24/7 direct access line, so that you can stay running efficiently, to give your business the competitive advantage it deserves.

24-7 Technical Support

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