

Industry: Forming & Fabrication / Forging
Application: Turning
Material(s): Steel
Product(s): Power-Trof® Conveyors, MagSep® Conveyors

Application Profile

Floor Space Savings via Chip Handling

Situation

- FRISA built a new machine shop with over 30 vertical and horizontal lathes. Instead of chip hoppers at each machine, they sought greater automation and cleanliness through a central chip and coolant system.

Mayfran Solution

- Power-Trof system to collect the chips and turnings from the machine centers, with a hinged steel belt conveyor to elevate the chips.
- A MagSep system separated chips and coolant, returning up to 500 GPM of coolant to the main coolant tanks and filters

Key Features

- Cleaner floor without scrap boxes
- Floor space requirements minimized, allowing machining centers to be located closer to each other

Customer Benefits

- Increased production uptime was achieved due to the reduced need to change hoppers and clean out machines.
- Reduced forklift traffic and associated costs.

Outcome

- Two additional lines were later added. FRISA has purchased a similar system for their facility in Detroit (Ringmaster).

