

Industry: Energy / Solar
Application: Machining Centers
Material(s): Cast Iron
Product(s): MagSep® Conveyor with AT Cleaner

Application Profile

Cast Iron Machining with Coolant

Situation

- When using a competitive conveyor on a machining center, the drum screen would break frequently, causing coolant nozzles would plug. This caused extensive down time for cleaning and drum screen replacement every 3 months.

Mayfran Solution

- MagSep conveyor with AT Cleaner coolant cleaning system as a side stream package

Key Features

- Long magnetic bed on a drag conveyor results in outstanding separation for cast iron fines
- Media-free AT cleaner provides for low operating costs

Customer Benefits

- Coolant maintained quality through >75 parts, compared to 5 parts previously
- Reduced 8 days of downtime, 320 labor hours, and \$8000 in drum screens every 3 months, achieving rapid payback

Outcome

- The customer is happy with the performance will buy a Mayfran MagSep on their next machine purchase
- See the article at [Today's Energy Solutions](#)

