

APPLICATION PROFILE – CAST IRON MACHINING WITH COOLANT

INDUSTRY: Energy (Solar)

MATERIAL(S): Cast Iron

APPLICATION: Machining Centers

PRODUCT(S): MagSep® Conveyor with AT-Cleaner

SITUATION

When using a competitor's conveyor on a machining center the drum screen would break frequently causing coolant nozzles to plug. This caused extensive downtime for cleaning and drum screen replacement every 3 months.

MAYFRAN SOLUTION

MagSep Conveyor with AT-Cleaner side stream package with long magnetic bed for effective separation of cast iron fines while the media-free AT-cleaner provides for low operating costs.

CUSTOMER BENEFITS

- Coolant maintained quality through 75+ parts versus 5 parts previously
- Reduced 8 days of downtime, 320 labor hours, and \$8,000 in drum screens over 3 month periods

OUTCOME

Customer is happy with the performance and will buy a Mayfran MagSep on their next machine purchase.

