

Industry: Automotive Supplier
Application: Machining
Material(s): Cast Iron (Dry)
Product(s): Drag Conveyors

Application Profile

Bosch Braking Systems

Situation

- Bosch was in the process of rearranging their plant to allow better flow of material. They had magnetic slider bed conveyors at each machine discharging into individual chip hoppers. They wanted to work with a conveyor company to reduce the number of chip hoppers, reduce the amount of dust produced at discharge points, and supply a more reliable conveyor.

Mayfran Solution

- Mayfran chip drag conveyors were designed to seal off the area between the machine discharge and conveyor. Multiple machine conveyors discharged into take-away conveyors that span that back side of the machining cell.

Key Features

- Once in place, conveyors are sealed against the bottom of the machine by adjustable castors.
- All conveyor to conveyor transfer points are sealed to prevent dust migration.

Customer Benefits

- Reduced number of chip hoppers by 60%.
- Fork truck traffic required to change chip hoppers has been similarly reduced by 60%.

Outcome

- Mayfran supplied over forty chip-drag conveyor for five machining lines over a two year period.

