

APPLICATION PROFILE – INNOVATIVE PRESS SCRAP HANDLING

INDUSTRY: Automotive Supplier

APPLICATION: Stamping

MATERIAL(S): Carbon Steel

PRODUCT(S): Press Mounted Shuffle Drive

SITUATION

Customer was removing parts and scrap from the end of die through the window of the press using an air operated shaker and tray system. Operation of the air shaker was noisy, inconsistent, unreliable and required constant maintenance and adjustments. After die changes, the system was time consuming to reconfigure.

MAYFRAN SOLUTION

Mayfran supplied a custom designed two tier tray system based on shuffle drive technology. The two trays could be independently adjusted without tools to allow for different lengths and elevations of dies.

CUSTOMER BENEFITS

- Quicker die changes
- Less press downtime – greater utilization
- Lowered energy consumption and maintenance costs

OUTCOME

The double-decker tray allowed the part run on the lower tray and drop into the parts bin while the scrap kept moving along on the top tray to the scrap bin. Performance exceeded customers expectations.

