

# APPLICATION PROFILE – IMPROVING SCRAP PIT ACCESS

**INDUSTRY:** Appliances

**MATERIAL(S):** Steel

**APPLICATION:** Stamping

**PRODUCT(S):** Shuffle Conveyor; Steel Belt Conveyor

## SITUATION

An appliance manufacturer was looking for a “new” way to handle their scrap due to the inaccessible nature of their scrap pits. The existing steel belt conveyors under the presses needed pulled out from the pits for maintenance. The narrow pits required undersized belts resulting in excessive scrap carryover and high housekeeping costs.

## MAYFRAN SOLUTION

Shuffle Drive Conveyor designed to run under the press to capture press scrap as it discharges and a 2.5” pitch hinged steel belt conveyor to elevate scrap out of the pit and discharge into the scrap hopper.

## CUSTOMER BENEFITS

- Shuffle Conveyor is the width of the pit to maximize scrap capture.
- Elevating conveyor designed for easy removal of scrap from pit when maintenance is required.
- Allows easy access for preventative maintenance, resulting in a more reliable operation.
- Only maintenance items needed have been adding oil and tightening one tension arm.

## OUTCOME

Customer has a standardized Shuffle Conveyor design for press scrap removal and purchased 17 conveyors in total.

