

APPLICATION PROFILE – HOT FORGING SCRAP

INDUSTRY: Heavy Equipment & Rail

MATERIAL(S): Carbon Steel

APPLICATION: Forging Scrap

PRODUCT(S): Shuffle Conveyors; Steel Belt Conveyors

SITUATION

Milwaukee Forge had always experienced problems in handling the red-hot scrap, which is hot and can be very heavy, produced during the forging process. Most traditional forge presses don't have a lot of space for large steel belt conveyors and use smaller conveyors, for which durability in the demanding application can be a challenge.

MAYFRAN SOLUTION

Customized Shuffle Conveyors designed specifically for this tough application allowing for heavy repeated impacts without the need for much space. Matched the shuffle technology with a heavy-duty steel belt conveyor to elevate the scrap.

CUSTOMER BENEFITS

- Cost savings as small steel belt conveyors designed for this heavy application can cost up to \$10K each, and replacement conveyors were required every two years.

OUTCOME

The Shuffle Conveyors have been in place for over three years with no appreciable wear.

