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Ultimate Cleaning Solution for Reversible Belts

- INDUSTRY** Tata Steel, West Bokaro (4.5 MT)
- APPLICATION** 1200mm B/W Reversible belt conveyor at Coal washery-2
- PROBLEM**
 - Efficiency of installed reversible scraper is 80-85% because of 90° blade configuration
 - Excessive carryback spillage leading to jamming of rollers.
 - Frequent manual intervention during reversible belt operation.
- OBJECTIVE**
 - Reduce carryback spillage
 - Eliminate unscheduled shutdown for scraper adjustment
 - Minimize deployment of manpower for cleaning spillage

Solution Implemented

HOSCH B6C-RE- A technically advanced metallic blade scraper which can automatically engage & disengage during reversible operation is installed.

Results & Benefits

- Carryback spillage per month reduced from 25 tons to 2 tons
- Unscheduled shutdown for scraper adjustment was reduced to zero from 8 a month
- Savings of 0.31mn INR was achieved