

# GRINDING PATH

COMPLETE WEAR PROTECTION OF  
GRINDING PATH OF IMPACT CRUSHER



## AREA OF CONCERN

Hydraulic impact crusher is primarily used for crushing of limestone. Grinding path is a component inside the impact crusher which gets totally worn out due to heavy impact and abrasion. Impact crusher is critical for production of limestone (Raw material) for manufacturing cement, so any stoppage involves huge down time and production loss. Solution to this problem is replacement with new grinding path which is costly proposition or re-conditioning of the worn-out grinding path by welding.

## SOLUTION

ADFL method for re-conditioning of grinding path is completely re-enforcing the worn-out area with Mn steel plates. Complete cladding in the wear portion with our unique single alloy system LH Tuff Tech-58 ideal alloy for high impact combined with high abrasion.

## SOLUTION

Hydraulic impact crusher uses impact energy to crush material. Impact crusher consist of a rotor rotating in high speed which crushes the raw limestone against impactor arm and grinding path. Hence Grinding path is a very critical component which has to resist high impact and high abrasion combined with extreme pressure caused by hard limestone ore.

## SOME OF OUR END USERS

- Chettinad Cement Corporation Ltd.
- Dalmia Cement
- Madras Cements
- Satna Cements
- UltraTech Cement Ltd.