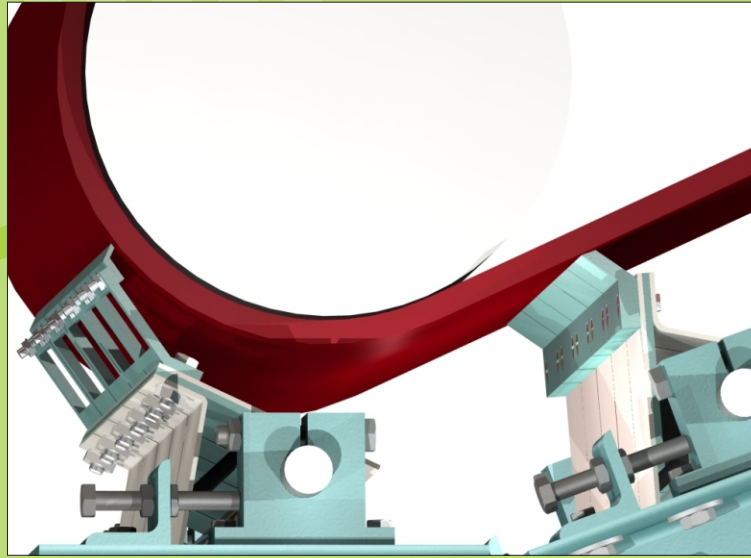


BELT SCRAPER-EXTERNAL

SEGMENTED ELASTOMOUNT DESIGN

Kaveri[®]

Kaveri is a leading manufacturer of engineered belt cleaning systems & has developed fundamental principles in belt cleaners which take a new approach in cleaning elements.



APPLICATION

A multi cleaner system (Primary & Secondary) adopted by Kaveri has become a common standard for all conveyor cleaning applications

Kaveri offers Segmented Sprung Elastomount Multi-Blade Scrapers with individual tips, which are self-adjusting.

ENGINEERING

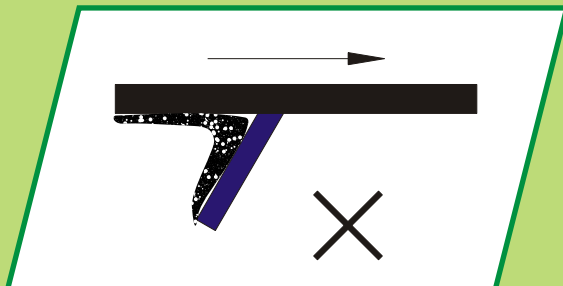
Basic factors considered for optimum performance

- Material Abrasiveness
- Moisture Content
- Corrosion Characteristics of Material
- Lump Size
- Capacity

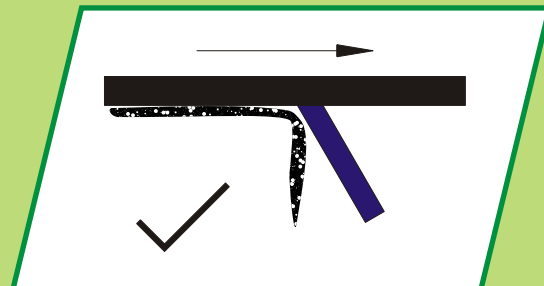
CLEANING ELEMENTS

- Tungsten carbide
- Tool steel
- Polyurethane
- Stainless Steel
- Polymer
- Rubber

FUNDAMENTAL PRINCIPLE



Conventional - less than 90^o - resulting in more frictional force- fast tip wear out and hence less cleaning efficiency.

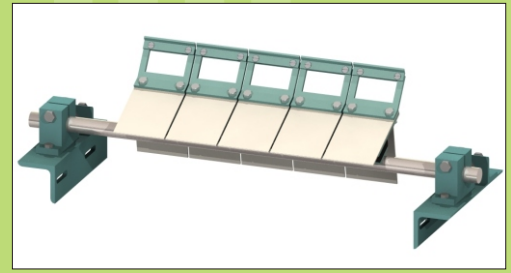
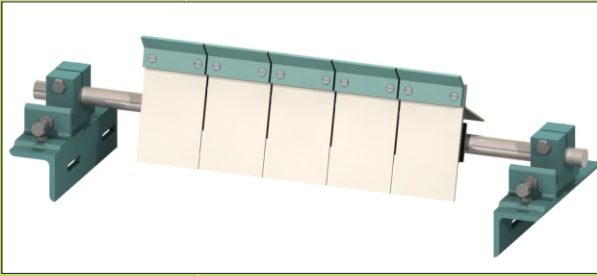


Kaveri - more than 90^o - resulting in negligible frictional force-longer tip life and higher cleaning efficiency.

TYPE OF SCRAPERS

PRIMARY SCRAPER

Designed for fitment on the head pulley. It breaks the material-to-material adhesion after the discharge trajectory.



SECONDARY SCRAPER

Designed for fitment after the tangential take off point between the Head and Snub Pulley (where the flapping action would be the least). It removes the material in the form of fine particles adhering to the belt.

REVERSIBLE SCRAPER

Designed for fitment on Reversible Belt Conveyors at both end pulleys after the tangential take off point.



ADVANTAGES

- Highly abrasion resistant blades for all types of material conveyed
- Suitable for all belt widths and speeds
- Excellent durability
- Low space requirements due to compact design
- Suitable for reversible operation
- Increased conveyor operation efficiency
- Longer belt life
- Nil material wastage
- Results in good environment

SALIENT FEATURES

- Effective cleaning efficiency
- Cost effective design
- Low operation cost
- Optimum belt protection
- Self adjusting
- Extremely long operating life
- Simple installation
- Less Maintenance

KAVERI ULTRA POLYMERS P LIMITED

'MultiTech Centre' (Opp John Fowler)
Bommasandra Indl Area. Hosur Road
BANGALORE- 560 099. INDIA
Ph: + (91 80) 4166 3444 / 2783 2337.
Fax: + (91 80) 4166 3555
E-mail: blr@kaveri.in

'Kaveri House'
132/1, M G Road
KOLKATA - 700 007. INDIA
Ph :+ (91 33) 3292 0103 / 2269 5791
Fax: + (91 33) 2269 0473
E-mail: cal@kaveri.in

115, Creative Estate,
N M Joshi Marg
MUMBAI - 400 011. INDIA
Ph :+ (91 22) 3291 1397, 2305 4878
Fax: + (91 22) 2307 2861
E-mail: bom@kaveri.in

BS-EXT-05-C08