

Super Eraser HDTM Primary Belt Cleaning System



Channel Mount Version of the Super EraserTM

Conveyor Primary Belt Cleaners play a vital role in keeping conveyor belts running smoothly and efficiently.

The issue of material carryback, commonly referred to as any excess fugitive material that sticks to the underside of the return belt beyond the discharge point at the head pulley is a leading cause of conveyor system inefficiencies.

Super Eraser HDTM is ideally used for conveyors with large, crowned head pulleys, big loads, harsh conditions and/or fast belt speeds.

Designed for extreme strength and durability this belt cleaning system utilises segmented blade technology, **large 269mm tall polyurethane blade** and 6mm thick, 89mm x 89mm tube stock steel mainframe and corrosion-resistant, galvanised Schedule 160 pipe stub ends to handle the harshest environments.

Features:

- Segmented blade lengths available in 152mm, 305mm and 457mm which can be used for any combination more effective cleaning.
- Perma-TorqueTM internal central tensioner, adjustable from 40 to 183 Nm resulting in uniform cleaning pressure to the conveyor belt.
- Compact mounting footprint only protrudes 140mm from mounting structure.

Key Benefits:

- Removes excessive carry back whilst reducing belt wear.
- Extends service life of belt.
- Reduces cleaning up costs and maintenance issues.
- Improves overall site performance.
- Improves safety and environmental impacts.

Super Eraser HD™ Primary Belt Cleaning System

SPECIFICATIONS

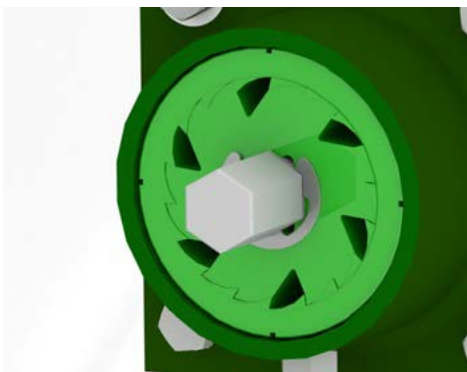
Super Eraser HD™	Max Belt Speed **	Pulley Diameter (PD)		Maximum Belt Width	Tensioner
	7 m/s	Minimum	Maximum		
		610mm	1524mm	3000mm	Safe Torque™ HD

** Contact Kinder Australia for faster belt speed solutions

BLADE DUROMETER SELECTION GUIDE

Formula / Durometer Colour	Application	Material	Temperature
ETHER 62 (N62)	Normally used for extremely wet applications, sands & fines	Lots of liquid on belt, sand or slurry	-40°C to 80°C
ETHER 80 (R80)	Good for wet applications with any pH level	Fine particles including sand, grain, 10mm minus washed materials	-40°C to 105°C
ESTER 83 (G83)	Our standard, high abrasion-resistant all-purpose formula	Most sand and gravel materials, coal, ores	-30°C to 105°C
ETHER 90 (U90)	Good for dry applications with almost any pH level	40mm washed / finished product. Wood chips, cement, limestone, grain, sugar, clay or other sticky material	-25°C to 105°C
ESTER 93 (B93)	Our high temperature/high speed/high impact formula	Extremely coarse aggregate, asphalt, recycled materials, glass, higher temp, sticky applications	-25°C to 120°C Up to 150°C intermittent
FRAS (RU83)	Our all purpose liner/cleaner blade formula where a fire and static propagated explosion risk is present, approved for underground coal use	Coal mining and coal-fired power plants Grain or sugar applications where a fire risk is present	-30°C to 105°C
FLAME RETARDANT (Foxx) - CAN BE ANY DUROMETER	MSHA approved, FrontLine® flame-resistant cleaning blade	Flame retardant urethane (can be any durometer or formula)	Temp. varies depending on the durometer
CERAMIC (CALL FOR AVAILABILITY)	Good for very cold, winter applications or frozen materials		Temp. varies depending on the durometer, typically G83

Safe Torque™ Ratchet System



Uniquely designed solid urethane ratchet style adjustment device, specifically designed to work in conjunction with the Patented Perma-Torque™ tensioning system.

Features:

- Ability to tension a conveyor belt cleaning system using one hand.
- Safer operation, with no kickback or pins.
- Easier to tension and useful in confined areas.
- Corrosion resistant.
- Provides complete sealing.