

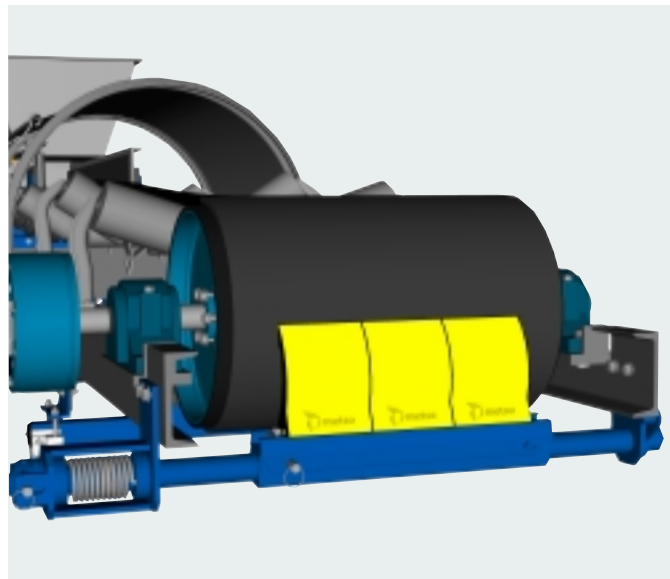
# Trellex Pre-Cleaners ABC 70, 90 and 95

## Trellex Pre-Cleaner ABC 70, 90 and 95 – high efficiency, low maintenance costs

Belt cleaning is very much a crucial factor to make conveying effective, secure and profitable. Because of this we have developed a new type of belt cleaning called ABC – Absolute Belt Cleaning. The goal has been to design products with high efficiency, long operational life and a minimum of maintenance needs.

## High efficiency results in minimal spillage

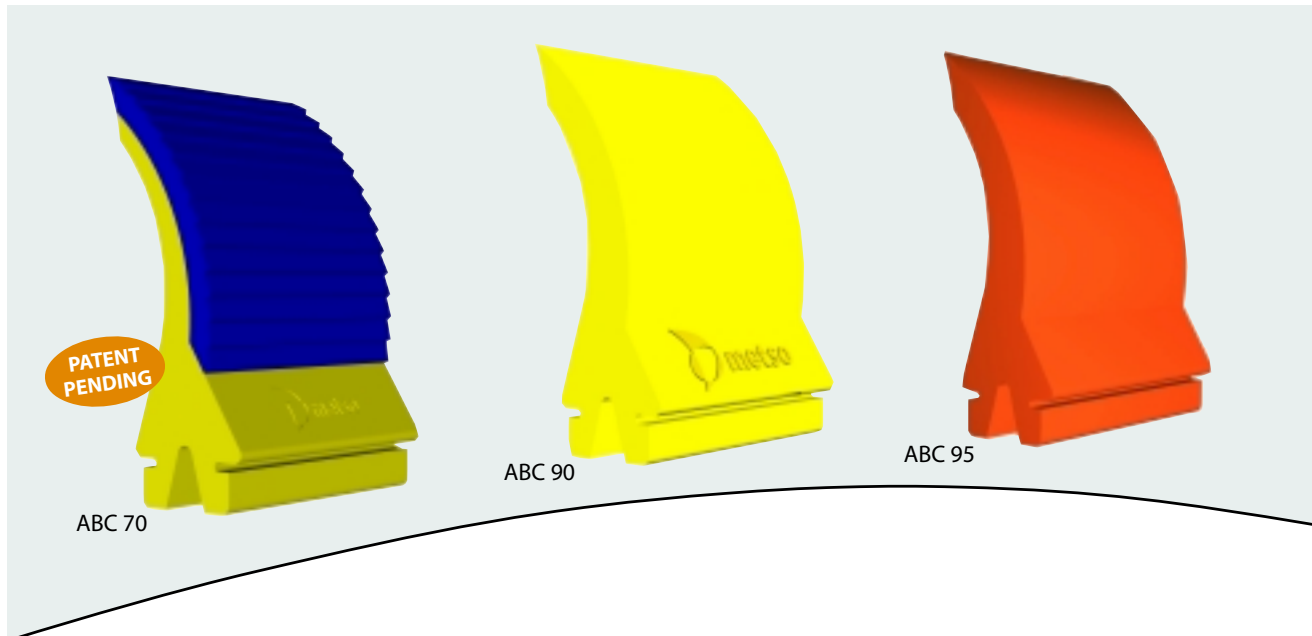
The efficiency of the cleaner in fact governs all its other qualities. The parameters which affects the efficiency are – among others – the angle of the scraper blade against the belt, its contact surface against the belt and its pressure against the belt. The ABC 70, 90 and 95 Pre-Cleaners are keeping these parameters as close to the ideal as possible throughout the cleaners entire operational life. This results in a very high cleaning efficiency from the day the cleaners are mounted until they are worn out. To further increase the efficiency the cleaner is divided into segments which moves separately for the best flexibility towards the belt. Less

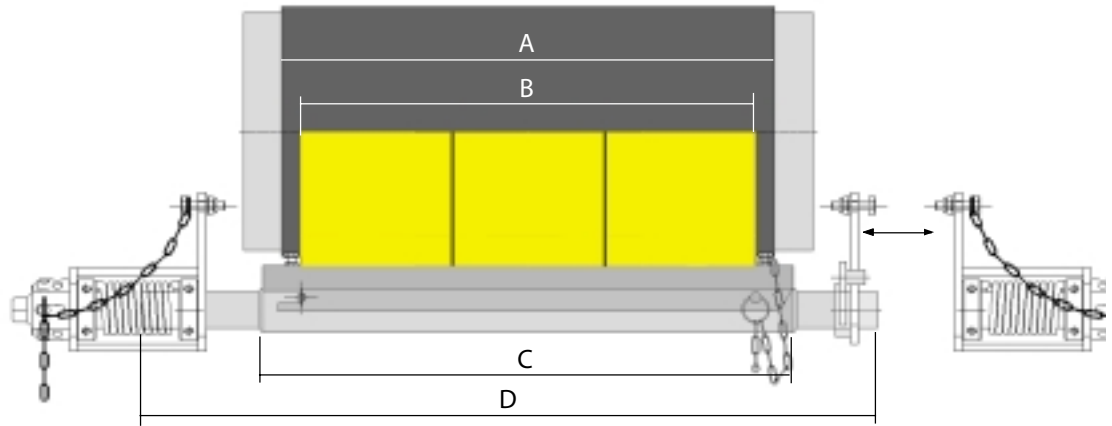


spillage means less clean-up and wear on the different parts of the conveyor, which means a lot of money will be saved.

### Many advantages

- high efficiency
- low maintenance costs
- long operational life
- lower clean-up costs





Belt width A	No. of blades req.	Cleaner width B	Length of AI-cassette C	Length of shaft (max) D
500	3	450	550	1150
650	4	600	700	1300
800	5	750	850	1450
1000	6	900	1000	1800
1200	7	1050	1150	1950
1400	9	1350	1450	2450
1600	10	1500	1600	2600
1800	11	1650	1800	2800
2000	13	1950	2000	3000

Name	Material	Hardness	Colour
ABC 90	Polyurethane	90° Shore A	Yellow
ABC 95	Polyurethane	95° Shore A	Red
ABC 70	Polyurethane	70° Shore A / 65° Shore D	Blue/Yellow

**Recommended for applications within the limits below**

Belt speed	<3,5 m/s (<700 fpm)
Pulley diameter	Dia. 350–600 mm (14"-24")
Belt width	500-2000 mm (20"-72")
Temperature	-30 up to +80° Celsius (-20 up to +180° Fahrenheit)
ABC 95	Pulp and paper, wood handling and saw mills
ABC 90	Industrial and medium duty quarry and mining applications
ABC 70	Abrasive materials. Mining and quarry applications.
Avoid	Crushed glass, flint stone, and other cutting materials

Use stainless steel cassette and axel in acid or basic environment.

In case of uncertainty contact the Metso Minerals Conveyor Components product group regarding choice of product.