

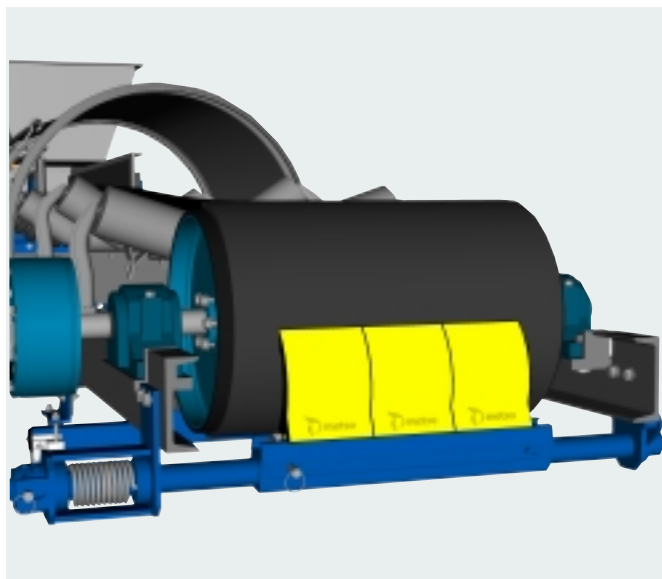
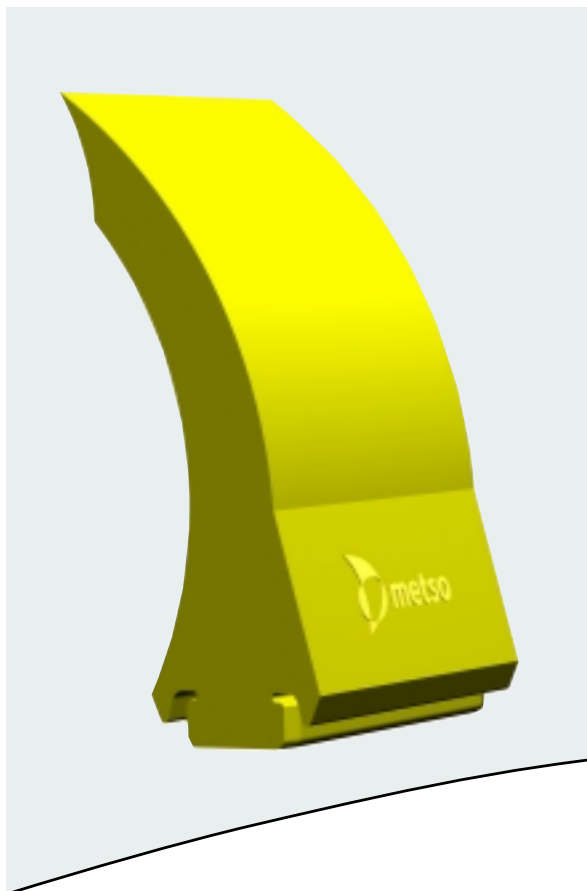
Trellex Pre-Cleaner ABC 90-HD

Rugged design for long life in Heavy Duty applications

The ABC 90-HD is a part of our new belt cleaning system called ABC-Absolute Belt Cleaning. The rugged design of the new blade gives long operational life, effective cleaning and a minimum of maintenance in tough applications with high belt speed.

Engineered blade profile for optimal scraper performance

Important parameters such as the angle between the scraper blade and the belt, the contact surface and the pressure against the belt are held as close to the ideal values as possible throughout the cleaner's entire operational life. This results in high efficiency and minimal carry-back.



Conveyor Components

New stronger spring tensioner

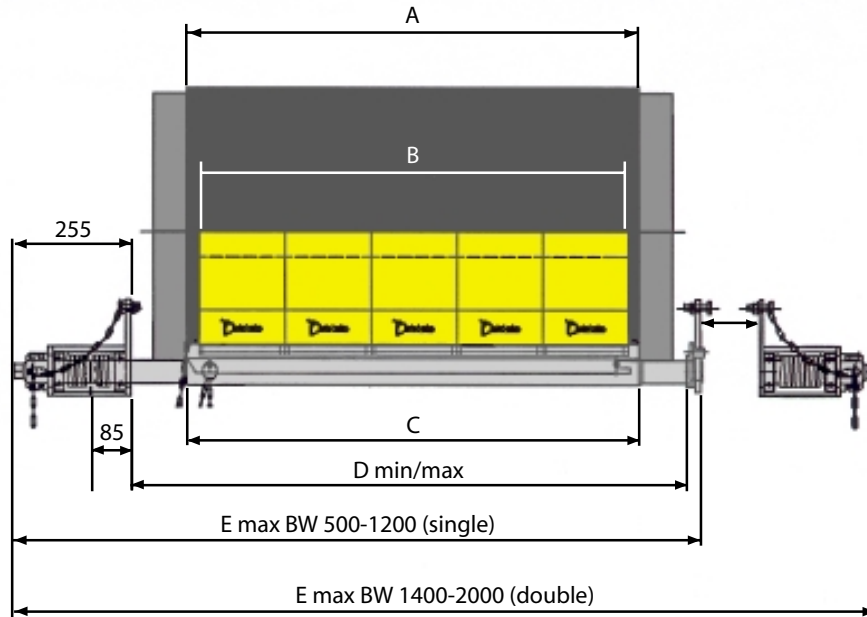
As for the all ABC cleaners a spring tensioner is used to keep the right contact pressure between the blade and the belt throughout the wear life of the blade. Due to the size of the blade and the nature of the applications the ABC 90-HD scraper is intended for we have developed a new stronger tensioner called Trellex Spring Tensioner type S-HD.

The result is a highly efficient, self-adjusting, and rugged cleaner for high-speed belts which requires minimal maintenance and offers lowest total cleaning costs.

Many advantages

- Long wear life
- High cleaning efficiency
- Reduces carry-back
- Reduced clean-up
- Low maintenance

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Belt width A	No. of blades req.	Cleaner width B	Length of AI-cassette C	Length of shaft (max) D
500	2	450	550	1150
650	3	600	700	1300
800	4	750	850	1450
1000	5	900	1000	1800
1200	6	1050	1150	1950
1400	7	1350	1450	2450
1600	8	1500	1600	2600
1800	9	1650	1800	2800
2000	10	1950	2000	3000

Recommended for applications within the limits below

Belt speed	3.0-6.5 m/s (600-1250 fpm)
Pulley diameter	Dia. 600-1200 mm (24"-48")
Belt width	650-2400 mm (24"-96")
Temperature	-30 up to +80° Celsius (-20 up to +180° Fahrenheit)
Applications	High speed applications such as lignite mining, coal terminals etc.
Avoid	Crushed glass, flint stone and other cutting materials

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

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