

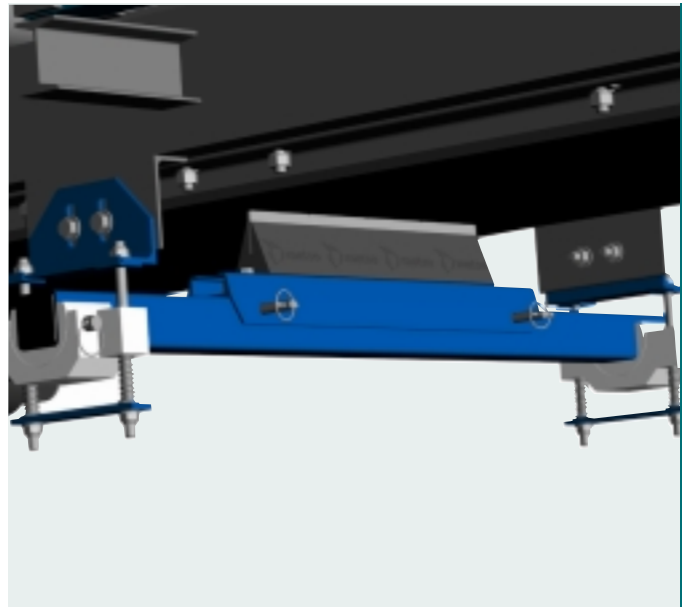
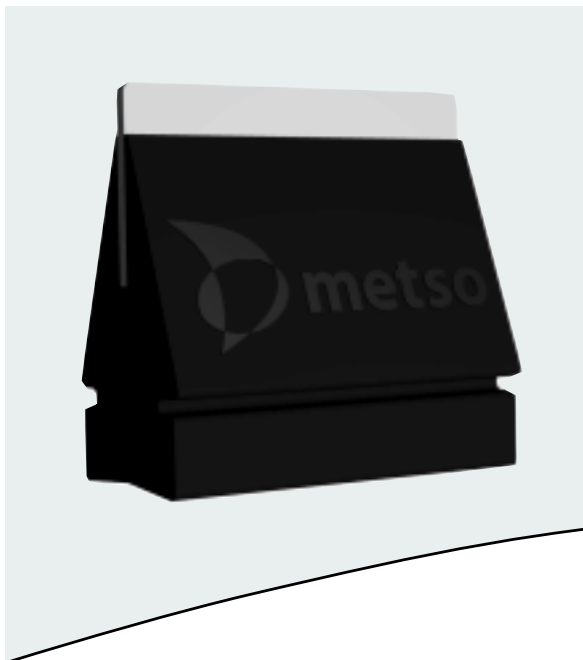
# Trellex T-Cleaner HMS and HS

## Sometimes it takes both a Pre-Cleaner and a Secondary-Cleaner

Fine material residues may sometimes still cling to the belt after the Pre-Cleaner. This may be due to the material fractions being conveyed, adhesion, or belt speed. In these cases one or more fines cleaners should follow the Pre-Cleaner. Trellex T-Cleaner is a secondary scraper that can be used together with a Pre-Cleaner for highest cleaning efficiency or as a single scraper if the transported material is dry and fine.

## Different blades for optimal performance in all applications

The scraper blade is available in two different versions. The HMS blade has an edge of tungsten carbide. This blade has excellent wear resistance and is recommended for conveyors transporting abrasive materials in mining and quarries. The HS blade has an edge of heat-treated steel. This blade is recommended for the pulp and paper industry where less abrasive material is transported.

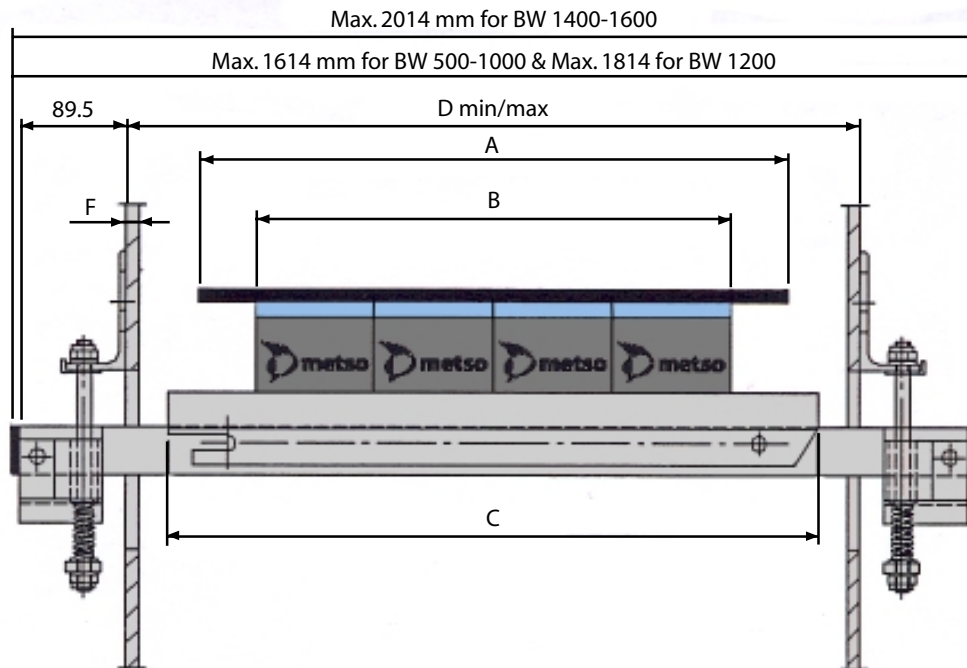


## Flexible mounting for highest efficiency

The metal part is vulcanized into rubber on both types of blades, which allows each blade to move individually for highest efficiency. The individual blades are mounted in an aluminum cassette, which makes blade replacement quick and easy. The T-cleaner is installed perpendicular to the belt, right after the point where the belt leaves the drive pulley, and a self adjusting spring tensioner type N is used to keep correct blade to belt contact pressure. Trellex T-Cleaner also works well on reversible belts.

### Many advantages

- Long wear life
- High efficiency
- Easy installation
- Low maintenance
- Less clean-up



Inward installation also possible but not recommended

Belt width A	No. of blades req.	Cleaner width B	Length of Al cassette C	Length of shaft (max) D
500	4	450	550	1150
650	6	600	700	1300
800	7	750	850	1450
1000	9	900	1000	1800
1200	11	1050	1150	1950
1400	13	1350	1450	2450
1600	15	1500	1600	2600
1800	17	1650	1800	2800
2000	18	1950	2000	3000

**Recommended for applications within the limits below**

Belt speed	HMS <3.5 m/s (<700 fpm) HS <2.5 m/s (<500 fpm)
Pulley diameter	N/A
Belt width	500-2000 mm (20"-72")
Temperature	-30 up to +80° Celsius (-20 up to +180° Fahrenheit)
HMS	Industrial and medium duty quarry and mining applications
HS	Non abrasive materials, organic materials, pulp and paper

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.