

Trellex® ABC HMS & HMS-XL Pre-Cleaner

Product description

The Trellex HMS & HMS-XL Pre-Cleaner, (complete with blade, shaft and type S spring tensioner).

Areas of use

Conveyor belt cleaning. The Pre-Cleaner is placed against the conveyor belt drive drum, just below the material flow.

Characteristics

Individual blades, with a high grade polyurethane base and a tungsten carbide edge, free to move independently of each other for maximum cleaning flexibility and providing excellent belt cleaning without damaging the belt. The individual blades are mounted in an aluminium cassette, which makes installation and changing of worn blades quick and easy. A spring tensioner ensures that the correct pressure is exerted on all the blades, which reduces the need for maintenance.

Application areas

Used where abrasive and wearing material is to be handled, such as reclaimed glass, crushed flint and quartz. Medium heavy rock and gravel industry, and other industrial applications.

Other information

The ABC HMS is fully compatible with other Trellex Pre-Cleaners such as the ABC70 and ABC90, which means that no mechanical alterations are necessary if changing to a different blade type. The HMS-XL has a larger wear section of tungsten carbide than the HMS blade.



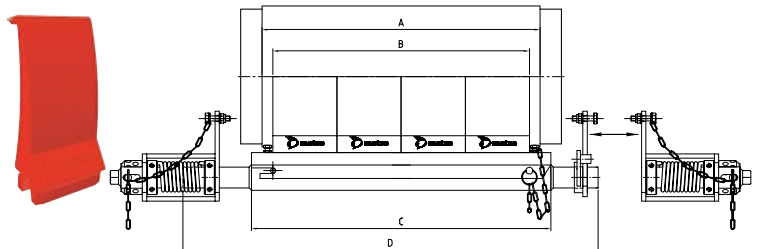
Technical description

Blades

Material:	Polyurethane
Colour:	Red
Density:	1.19 Mg/m ³
Hardness:	90 Shore A
Temperature in dry air:	-30 °C to +70 °C
Tensioner/cassette:	Steel /aluminium

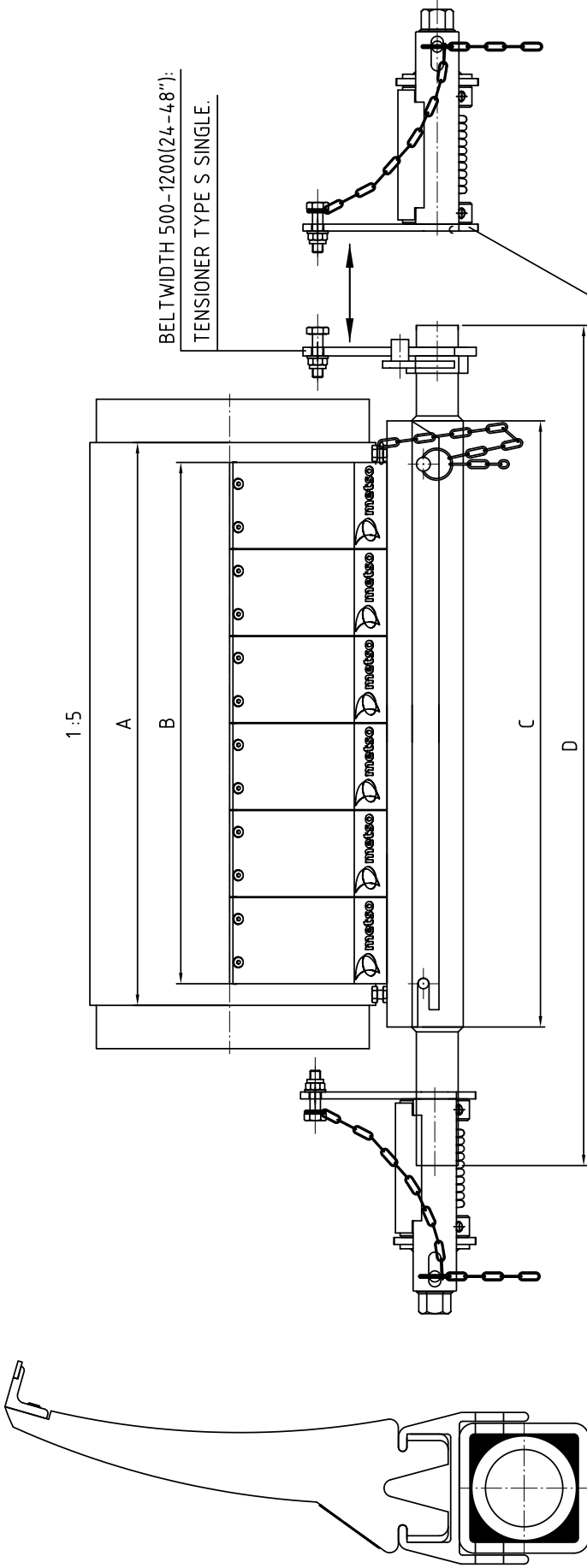
Installation

Belt speed:	< 3.5 m/s
Drive drum Dia:	Ø 300 – 800 mm
Tensioner:	BB500 – 1200 mm single type S, BB1400 – 2000 mm double type S



Article no. Complete sets HMS / HMS XL	Belt width A	No. of blades	Cleaning width B	Aluminium profile length C	Shaft length (max.) D
43320500 / 43400500	500	4	400	550	1150
43320650 / 43400650	650	6	600	700	1300
43320800 / 43400800	800	7	700	850	1450
43321000 / 43401000	1000	9	900	1000	1800
43321200 / 43401200	1200	11	1100	1150	1950
43321400 / 43401400	1400	13	1300	1450	2450
43321600 / 43401600	1600	15	1500	1600	2600
43321800 / 43401800	1800	17	1700	1800	2800
43322000 / 43402000	2000	18	1800	2000	3000

Trellex ABC HMS



BELT WIDTH 1800 & 2000 (72 & 84"): CASSETTE ATTACHED TO
SHAFT WITH 2 LOCKING PINS.

IMPERIAL

BELT WIDTH A	NO OF BLADES REQ.	CLEANER WIDTH B	LENGTH OF AL PROFILE C	LENGTH OF SHAFT(max) D
24"	5	19.68"	21.65"	45.28"
30"	6	23.62"	27.56"	51.18"
36"	7	27.56"	33.46"	57.09"
42"	9	35.43"	39.37"	70.87"
48"	11	43.30"	45.28"	76.77"
54"	13	51.18"	57.09"	96.46"
60"	14	55.12"	57.09"	96.46"
72"	17	66.93"	70.87"	110.24"
84"	19	74.80"	78.74"	118.11"

METRIC

BELT WIDTH A	NO OF BLADES REQ.	CLEANER WIDTH B	LENGTH OF AL PROFILE C	LENGTH OF SHAFT(max) D
500	4	400	550	1150
650	6	600	700	1300
800	7	700	850	1450
1000	9	900	1000	1800
1200	11	1100	1150	1950
1400	13	1300	1450	2450
1600	15	1500	1600	2600
1800	17	1700	1800	2800
2000	18	1800	2000	3000