

## HEAVY DUTY PRIMARY BELT CLEANER

**TITAN PRE-CLEANER is a heavy duty belt cleaner suitable for rugged and punishing conditions.**

TITAN Primary cleaner consists of over sized solid polyurethane blades and a sturdy steel pipe frame to withstand heavy loads and high speeds.

Ideally installed on the face of the head pulley, just below the origin of material trajectory, the cleaner design prevents material build up and returns valuable carry back material back into the primary material stream.

The cleaner incorporates Segmented Urethane blades in combination of 300mm and 400mm lengths as cleaning elements. The blades are mounted with locking pin and dowel arrangement which makes installation and maintenance easier.

Colour coded Polyurethane blades suitable for different application and conditions are available on request.



### SALIENT FEATURES

- Extra Heavy duty steel frame with Seamless carrier tube for maximum strength.
- The cleaner allows replacement of the blade with the removal of only one locking pin.
- A heavy duty torque storage tensioner ensures constant blade contact with the belt at optimum radial pressure.
- Unique design maintains a constant cleaning angle optimum radial pressure through all stages of blade life.
- Selection of segmented PU blades to suite different operating conditions.

### SPECIFICATIONS

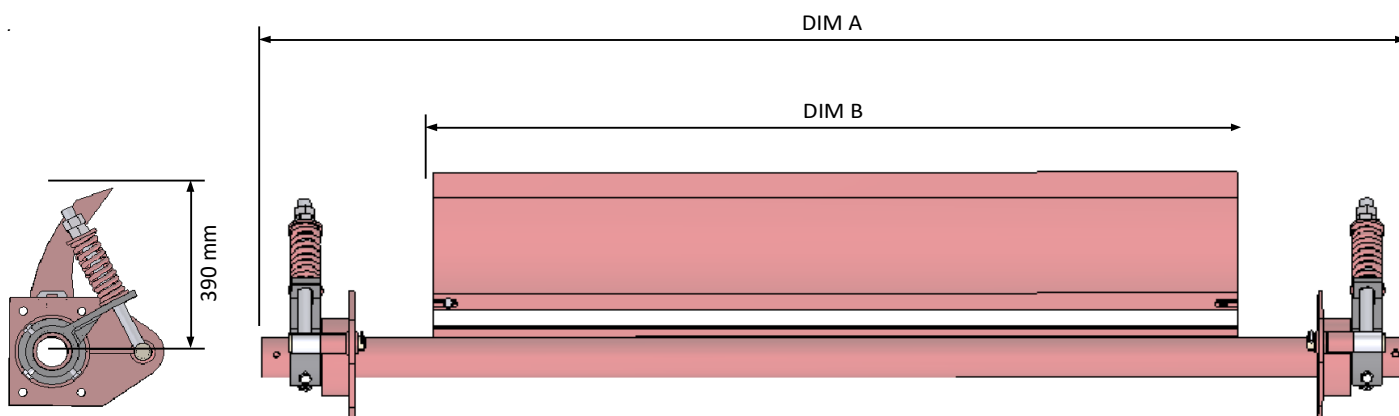
<b>Blade Colour</b>	<i>Red</i>	<i>Brown</i>	<i>Green</i>
<b>Application</b>	<i>All standard applications</i>	<i>High Moisture, High Abrasion &amp; Wear, Chemicals</i>	<i>High Temperature, High Abrasion &amp; Wear</i>
<b>Maximum Service Temp. F (Deg.C)</b>	<i>Continuous – 158 (70)</i>	<i>Continuous – 158 (70)</i>	<i>Continuous - 257 (120)</i>
<b>Maximum Belt Speed Fpm (m/s)</b>	<i>1500 (7.6)</i>	<i>1500 (7.6)</i>	<i>1500 (7.6)</i>
<b>Min. Pulley Diameter in. (mm)</b>	<i>16 (400)</i>	<i>16 (400)</i>	<i>16 (400)</i>
<b>Wear Life in. (mm)</b>	<i>8 (200)</i>	<i>8 (200)</i>	<i>8 (200)</i>

## TECHNICAL INFORMATION

Belt Width In. (mm)	Assembly P/N*	Dim A In. (mm)	Dim B In. (mm)	Net Weight Kg (lb)	No. of Blades
					12" (300mm)
30 (650-800)	TTP-0800-X-S	66 (1675)	24 (600)	71.22 (157.01)	2
36 (800-1000)	TTP-1000-X-S	70 (1780)	35 (900)	74.53 (164.31)	3
42 (1000-1200)	TTP-1200-X-S	76 (1930)	35 (900)	79.87 (176.08)	3
48 (1200-1400)	TTP-1400-X-S	84 (2130)	47 (1200)	85.63 (188.78)	4
54 (1400-1600)	TTP-1600-X-S	96 (2440)	59 (1500)	92.26 (203.4)	5
60 (1600-1800)	TTP-1800-X-S	102 (2590)	59 (1500)	97.59 (215.15)	5
72 (1800-2000)	TTP-2000-X-S	108 (2740)	71 (1800)	102.93 (226.92)	6
84 (2000-2200)	TTP-2200-X-S	116 (2950)	71 (1800)	108.69 (239.62)	6
96 (2200-2400)	TTP-2400-X-S	124 (3150)	83 (2100)	114.46 (252.34)	7

\* Replace 1<sup>st</sup> X with R for Red, B for Brown and G for Green color Blade.  
Replace 2<sup>nd</sup> X with or T for Spring or Torque tensioner respectively.

\*\* Add 'SS' to the end of the part number for stainless steel scraper frame.



## ACCESSORIES & SPARES

Thejo provides a range of accessories for easy installation and maintenance of belt cleaners. They include mounting brackets, inspection doors, various tensioning devices etc. Custom made brackets and fittings are also available for specific applications.

Item	Part No.
<b>Spare Blade- 12" (300mm)</b>	TTP-SP-300-X
<b>Mounting Bracket</b>	TTP-SP-MB
<b>Inspection Door</b>	TEL-BC-ID-XX-XX
<b>Spring Tensioner</b>	TTP-SP-T73-S
<b>Wire Tensioner</b>	TTP-SP-T73-W

\* For more information please contact your nearest Thejo representative.

\*\* Replace X with N if operating temperature is <70 °C & H if operating temperature is <70 °C