

BELT CLEANER

TECHNOLOGY MANUFACTURER PRODUCTS



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Technology Manufacturer Products

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TMP BELT CLEANER



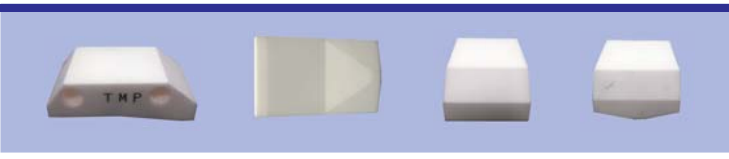
TMP beltcleaner W=750-N

The Features of the TMP Belt Cleaner

- Excellent cleaning capability
- Long service life and long-lasting cleaning power
- Easy to install and replace



T M P beltcleaner V-type W-2000



Ceramic tip (Side view) Ceramic tip (Rear view) Ceramic tip (Top view) Ceramic tip (Bottom view)

Advantages of the belt

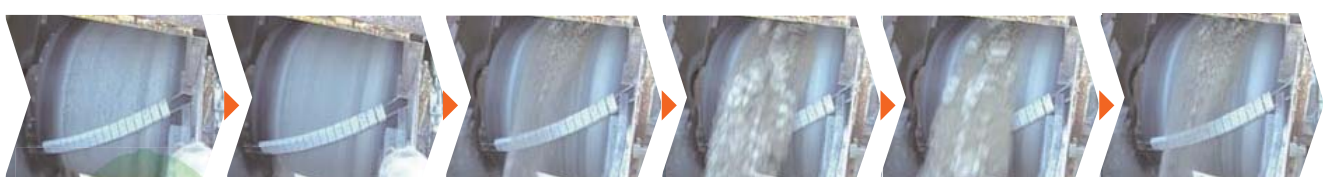
The Features of the Conventional Tip Belt Cleaner

In the conventional tip belt cleaner, a gap was produced between the tip and the belt so that the belt cleaner could not work properly. It also took time to install and adjust the belt cleaner on site.



The Maintenance-free Belt Cleaner

With a simple and lightweight structure, the TMP belt cleaner is easy to install on site. Its blade edge, which is one of the most important elements of a belt cleaner, is made of a high quality fine ceramic material. Due to its high resistance to abrasion, it can maintain cleaning power for a satisfactory period of time. The TMP belt cleaner has earned a reputation as having the best cleaning capability in the industry.



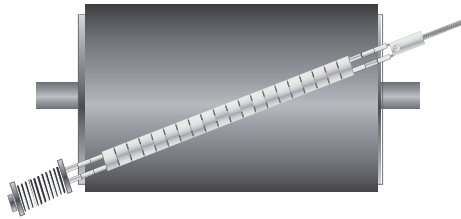
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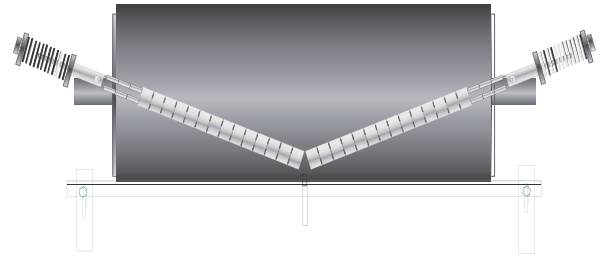
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A Cross-type Installation Method

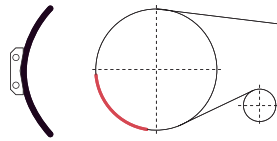
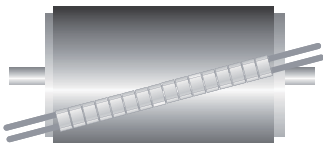


A V-type cleaning Installation



There are two installation methods for the TMP belt cleaner depending on the pulley width and diameter. Normally, the cross-type and V-type methods are used for the belt width of 1500 mm or less and more, respectively.

TMP belt cleaner is life



The TMP belt cleaner is durable and can normally maintain its cleaning power in 24 hours operation for one year or longer (the abrasion rate of the tip varies depending on a conveyed object).

Features of TMP belt cleaner

- Very easy to install and can be installed in a short time
- Suitable for cleaning a dry, block, wet, powder, sticky, or high temperature object
- High cleaning power. Tips are installed with an angle to clean up a conveyor belt sharply
- Light weight. The TMP belt cleaner (W = 900) is approximately 9 Kg in weight
- Long service life. Approx. 10 months for sinter, approx. 15 months for limestone, approx. 15 months for coal, approx. 10 months for iron ore
- Ceramic tips closely contact with a conveyor belt for cleaning even if the belt is worn in the center or a crowned pulley is used to drive the belt.

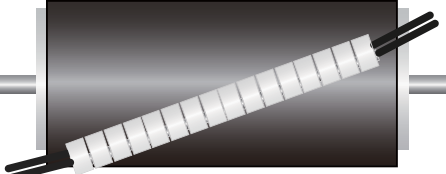

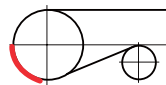
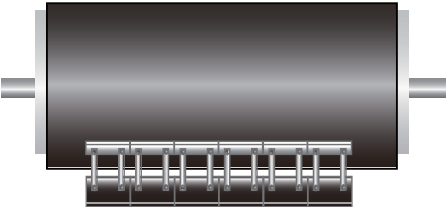

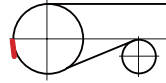
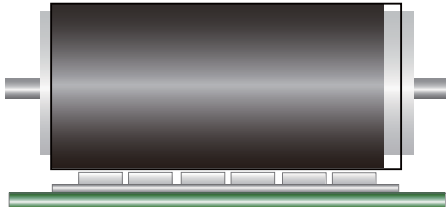

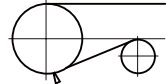
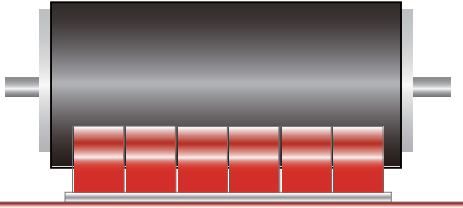

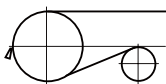


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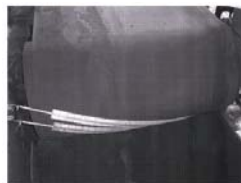
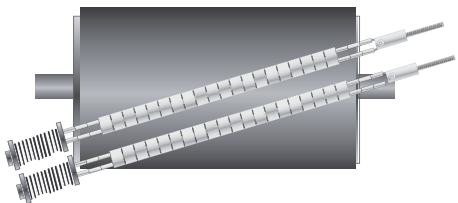
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Comparison Table for Belt Cleaners from Each Company

		<p>Cleaner service life: Approx. 12 months (W = 1200) Installation time: Approx. 2 hours Cleaner replacement time Approx. 30 minutes</p>		<p>Overall rating:◎</p>
		<p>Cleaner service life: Approx. 3 months (W = 1200) Installation time: Approx. 5 hours Cleaner replacement time Approx. 2 hours</p>		<p>Overall rating:x</p>
		<p>Cleaner service life: Approx. 2 months (W = 1200) Installation time: Approx. 5 hours Cleaner replacement time Approx. 2 hours</p>		<p>Overall rating:▲</p>
		<p>Cleaner service life: Approx. 3 months (W = 1200) Installation time: Approx. 5 hours Cleaner replacement time Approx. 1 hours</p>		<p>Overall rating:x</p>

Paired Installation of the TMP Belt Cleaners



An adhered object can be removed with high efficiency by installing the TMP belt cleaners in a pair. There have been many requests from our customers for the paired installation using their structures.



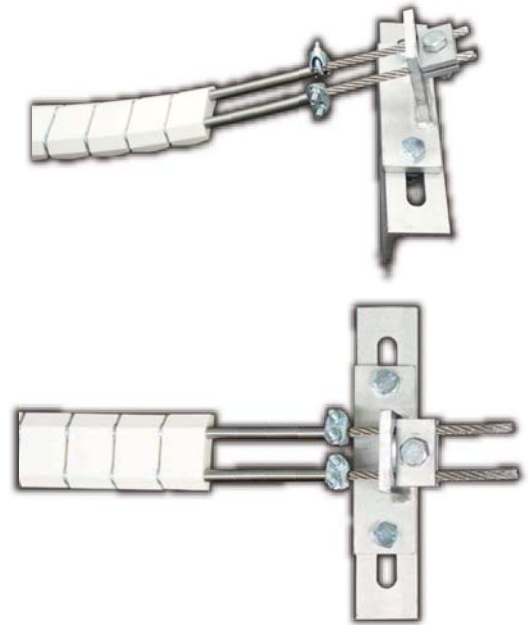
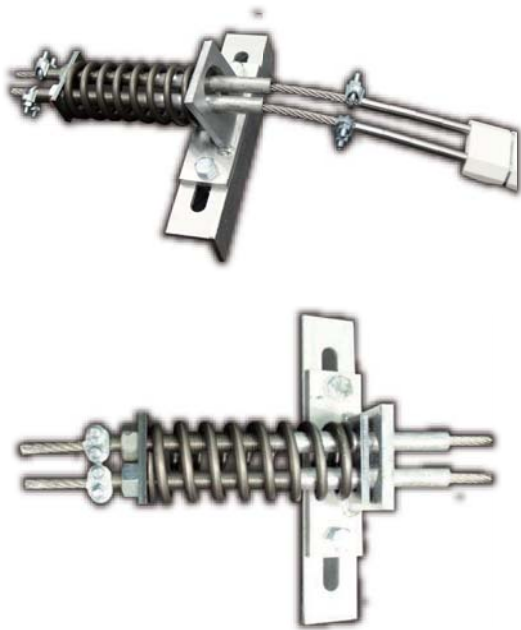
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Belt Cleaner Holders



Newly improved spring tensioned and fixed side holders are shown in photos at the upper left and right sides, respectively. With the new holders, the belt cleaner becomes easier to install than conventional belt cleaners and its wire becomes adjustable individually. In addition, the ceramic tips can contact with a conveyor belt more closely to improve the cleaning efficiency.

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In recent years, one iron mill installed protection screens around its mill as environmental measures with an investment of approximately 10 billion yen; however, it resulted in investing in equipment such as belt cleaners as well.

