

TRICKS of the TRADE

Volume: 03182007 • March 2007 • PMA 0010-19 TB

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TB 110 Tips from the Field

Spring Maintenance is in the Air

A Solution that Makes the Cut

Eliminate Grout Leakage on the TB 110

Leaking grout around the ends of the feeder head scraper is messy and means additional clean up time. While all active-feeder units – TB 80, TB 110, TB 130 – use the same feeder scraper skirt (part number A332672), the feeder drive pulley on the TB 110 is pulled toward the edge of the transfer farther than the other two models. This results in short scraper arms that allow the skirt to rotate away from the arms when the scraper is pulled into position. Two problems ensue:

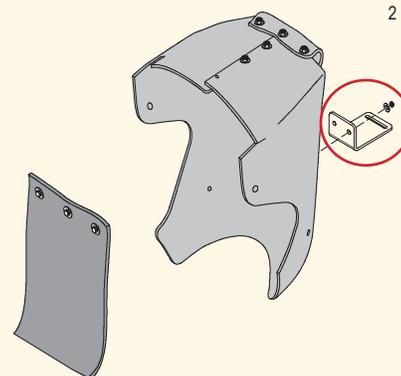
- The “wings” on the top edge of the skirt rotate back and block access to the side of the blade. This makes it very hard to clean the blade through the oval access holes on the feeder head. These “wings” may even fold under the pulley if the operator installs the discharge boot incorrectly. This creates a big mess.
- The sides of the skirt rotate up and contact the drive pulley or the bearing boxes. When the scraper springs are tensioned, the skirt contact minimizes proper blade contact.

While this issue is now being corrected on new models in production, owners of TB 110s currently in the field can alleviate leakage and restore access to the sides of the blade by simply cutting the skirt as shown below. When the scraper assembly is reinstalled, the skirt should not touch the pulley or bearing boxes. As the discharge boot seals the gaps, operators should not experience any problem with splatter getting over the cut.

A good starting point for feeder scraper tension, with a sharp blade and springs that have not been stretched, is with the hairpins in the fourth chain link. Simply ensure that the sides of the discharge boot are INSIDE the ends of the scraper skirt.

TECH NOTE

A properly installed bracket on the feeder boot of your TB 110 will keep your jobs running smoothly. If the bracket is mounted upside-down, the front of the boot will drop down, restricting flow through the transfer. The bracket should be mounted with the bolts up and the slotted flange down. Simply check the bracket and flip it, if necessary, to enhance efficiency.



When properly installed, the bracket on the feeder boot should look like this.



Standard TB 110 feeder scraper skirt.



Cuts in the feeder scraper skirt should start at the skirt notch at the ends of the skirt clamp.



Dimensions are not critical; just ensure the cuts simulate those pictured.

Performance and Maintenance Tips from the Field

A Fit and Trim TB 110

Avoiding Plug Ups at the Transfer Splatter Flap

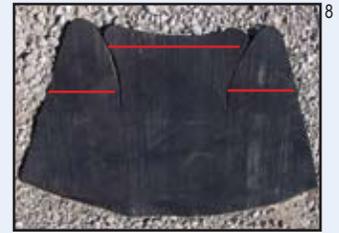
Highly efficient at conveying a wide range of materials from sand to 4" rock, the TB 110 can perform better in all applications with a minor modification in the field to the transfer splatter flap. By trimming the splatter flaps on the TB 110, operators can prevent transfer plugs by avoiding:

- The side "wings" from getting caught between the chute rubber and the tunnels when the transfer is raised.
- The front flap from curling under, inside the chute loaded with material.

In addition to performing this technique, take note of the transfer chute rubber. When placing material at high boom angles, the discharge end of the sides of the chute rubber can curl under and catch material. It is not usually necessary to trim these on a TB 110, unless high boom angles are expected on a consistent basis.



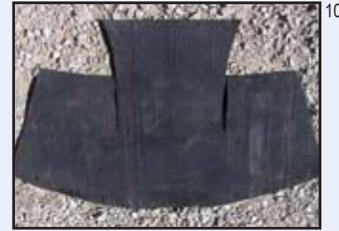
Standard TB 110 transfer splatter flap.



Three simple cuts prevent plug ups.



The side slits on the TB 110 transfer splatter flap need to be longer.



Once fully-trimmed the transfer splatter skirt will ensure smooth flow of stiff concrete and heavy aggregate.

Spring into Action with Seasonal Service Specials

Let Putzmeister's Midwest Repair & Service Center inspect and test your Telebelt, then advise, coordinate and repair as approved, so that you're ready for the Spring/Summer placing season.

Our Telebelt Feeder & Main Belt Package includes:

- Both belts installed, tensioned and trained
 - No charge for main splice
 - 20% off belts
 - 10% off additional labor as needed for cleaning or additional installations.
- Pricing for this package is as follows:
- TB 50 - \$3,660
 - TB 80 - \$4,820
 - TB 105 - \$5,830
 - TB 110 - \$6,200
 - TB 130 - \$6,710

We also offer Telebelt wear parts packages that feature:

- Guide Blocks
- Transfer Skirts
- Hopper Skirts
- Discharge Boots
- Scraper Blades
- Aprons

Just ask for a quote! Please contact either Lee Arquette at 262-770-0788 or Doug Brunet at 866-884-8801 to confirm your appointment before arrival.

All repairs performed at our Milwaukee, Wisconsin facility. Applicable taxes, freight, discounts, additional requests or needed repairs not included. "Drive Away" services available upon request and at additional cost (D.O.T. required).

TECH NOTE

As noted in every issue of the Tricks, owners should be diligent in keeping all areas of their Telebelt free of debris. This is especially important at the feeder slewing drive on all machines. Material buildup under the feeder slewing gear cover can result in increased wear and costly maintenance.

By removing the chain or gear cover (depending on model) and cleaning the area, owners will protect their investment and ensure their Telebelt continues to perform reliably.



Arrows indicate fines packed into teeth. Allowing this to persist will result in performance issues.



Putzmeister is constantly working on ways to ease maintenance and enhance performance of its Telebelt models. This includes a new three-piece cover for the slewing gear on the TB 110.

More on Telebelt Care

If you have further questions, refer to your Operators Manual and the Telebelt QuickStart Series DVD or feel free to contact Putzmeister's Customer Support Department at 800-890-0269.



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