

**PAPER MACHINERY CORPORATION**

8900 West Bradley Road Milwaukee, WI 53224 (PHONE) 414-354-8050 (FAX) 414-354.8614 www.papermc.com

090123**IMPROVED BOTTOM FINISH TOOLING FOR RAMP STYLE FINISH STATIONS****No. 184.3****EXTENDED LIFE OF TOOLING ROLLER ASSEMBLIES
PMC-1000, PMC-1250, PMC-750****RECOMMENDATION:**

For Paper Machinery Corporation's customers that have upgraded their PMC-1000 and PMC-1250 machines to a ramp style bottom finish station Paper Machinery Corporation is now offering a tooling upgrade.

A new design has been introduced and field tested labeled "**Split Flange Thrust Style Roller Assembly**". This design incorporates a fitting spacer with a thrust bearing where the roller meets the bearing slide face shaft mounting flange. All cross loading of the roller during the sealing process is removed.

The new design in conjunction with once weekly maintenance of cleaning and grease has over doubled the life expectancy.

In addition to the tooling a one-time, per station upgrade is required to accommodate the new tooling design. Parts consists of a new Slide, Slide Front Plate, and Seal.

Station Upgrade Packages:

- PMC-1000 - #317-672
- PMC-1250 - #317-809

TOOLING INFORMATION:

If replacing existing "Split Flange" design a new Roller Assembly and Bearing Shaft are required. All other designs will require, in addition to above, a new clamp ring assembly.

INSTRUCTIONS:

To change from the design being used on your machine to the new design, the thrust washer needs to be ground for the correct fit.

1. With the mounting ring and bearing shaft installed, use a depth micrometer to measure the distance from the face of the mounting ring to the face of the slide. **(B)**
NOTE: This must be done with a mandrel removed and the station in the "full forward position". Roller assembly and clamp ring are not mounted.
2. With the roller assembly mounted to the clamp ring assembly, including the thrust bearing and thrust washer together on a bench, measure the distance from the inside face of the clamp ring to the outer face of the thrust washer. Record that dimension. **(A)**
3. Subtract the dimension **(B)** in step 1 from the dimension **(A)** in step 2. That amount plus .001", for clearance, will be the amount to be ground from the thrust washer.

*NOTE: The same straight edge should be used for both measurements **(A)** & **(B)**.*

EXAMPLE: (A) - (B) + .001" = (C)

Grind **(C)** from the thrust washer

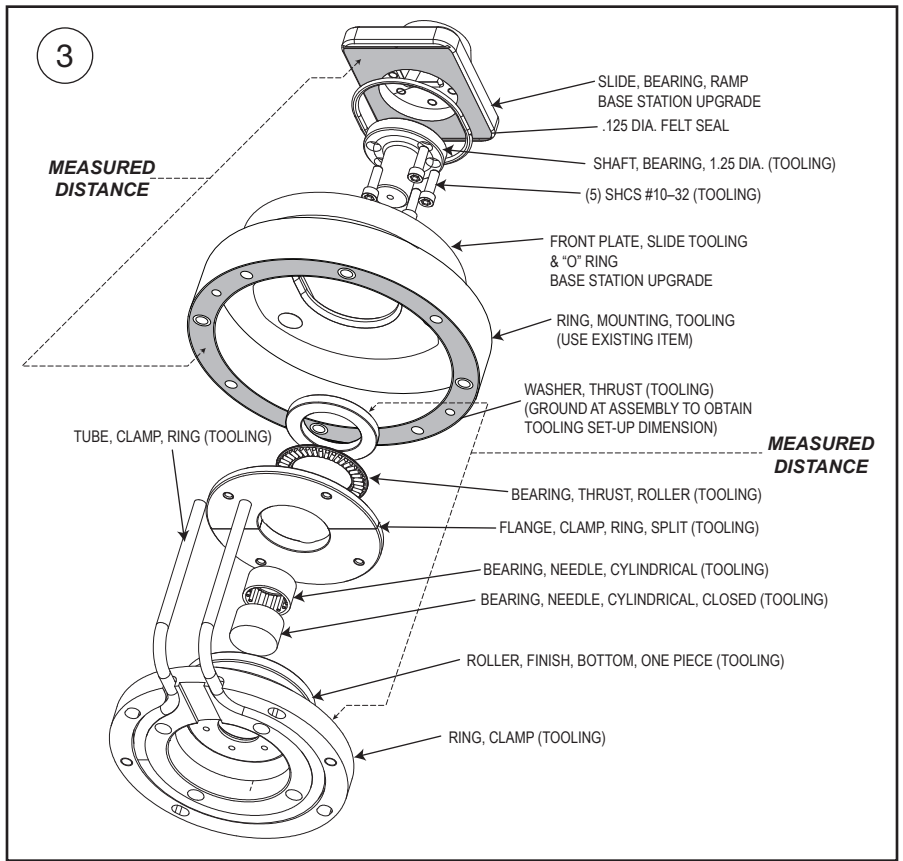
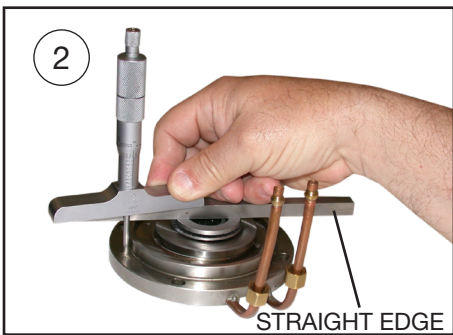
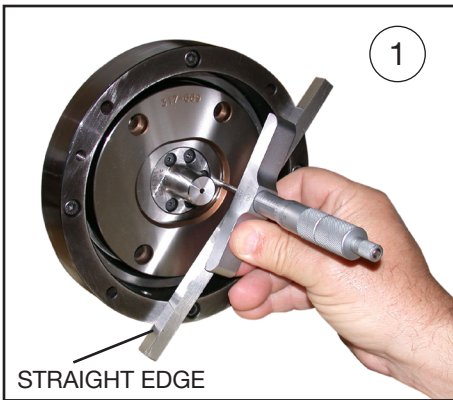
MAINTENANCE:

Once a week remove the bottom finish roller assembly from the station, clean the parts, inspect the parts (for damage or wear), and re-assemble. Prior to re-assembly, coat the flange with a **film** of grease and repack the needle bearing using Chevron Rykon EP 2 (HW-16629), Mobil Polyrex EP 2, or equivalent.



PAPER MACHINERY CORPORATION

8900 West Bradley Road Milwaukee, WI 53224 (PHONE) 414-354-8050 (FAX) 414-354.8614 www.papermc.com



CONTACTS:

Information and pricing for the parts listed above can be obtained by contacting the Customer Service Department at Paper Machinery Corporation. Parts orders and customer communication can be sent directly to the service department on Fax number 414-354-1710. Direct telephone contact and messages can be made using the numbers below.

Contact can be made using the main telephone switchboard at 414-354-8050 or Fax 414-354-8614. Parts orders can be directed to Holly Warner or Vicky Alcaraz, service trips to Mike Ferguson, and service issues to Bill Paplham or Mike Ferguson.

Bill Paplham
 Technical Service
 (414) 362-8271
 bpaplham@papermc.com

Mike Ferguson
 Technical Service
 (414) 362-8228
 mferguson@papermc.com

Holly Warner
 Parts Service
 (414) 362-8259
 hwarner@papermc.com

Vicky Alcaraz
 Parts Service
 (414) 362-8263
 valcaraz@papermc.com