

New Style Waxer Turret With 3 Finger Stripper Guide

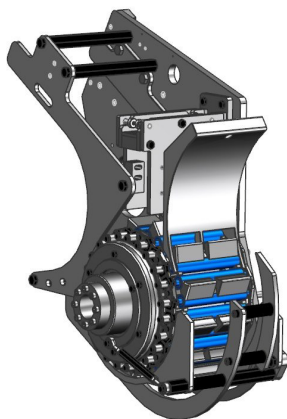
CATEGORY: Recommended

Summary: CarnaudMetalbox Engineering introduce a new and improved waxer turret (**Fig. 1 & 2**), featuring a redesigned housing and rollers. The waxer turret is now significantly quicker and easier to maintain with the additional benefit of reduced wear on the pre-load drive O-ring. The turret also features an upgraded manifold arrangement that enhances vacuum supply.

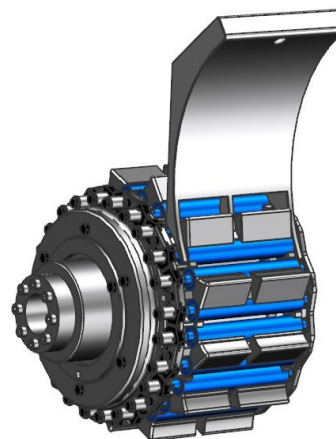
Benefits for customers:

1. Redesigned turret allows the quick replacement of individual rollers without the need to disassemble the full turret, cutting down maintenance time.
2. Rollers are now retained axially with a circlip and ball bearing arrangement, greatly reducing wear on the turret inner surfaces.
3. Waxer rollers are more free running, relieving pre-load on the O-ring and therefore making the O-rings last longer.
4. Roller retaining bearings are now the same on either side, and by using sealed units they have increased life span, thus reducing maintenance time and spare stock requirements.
5. Repositioning of the vacuum supply hole and spacer arrangement, combined with a new manifold arrangement increases the vacuum supply.

NOTE:- It is recommended that the new style waxer turret is used in conjunction with the new 3 finger stripper guide which aids in stabilizing the can during transfer between the waxer and first necking stage, helping improve the efficiency of the machine at speeds over 2400 cans per minute.



**New Waxer Turret Assembly
Fig. 1**



**New Waxer Turret with 3 Finger Stripper Guide
Fig. 2**

Continued...


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New Style Waxer Turret With 3 Finger Stripper Guide

Removing Old Rollers or Bearings. See Fig. 3.

1. Remove 1 off 1/4" UNC x 3/8" screw
2. Remove Housing Clamp
3. Remove 1 off 1/4" UNC x 1/2" screw
4. Remove Pinion from the Roller
5. Remove Roller Assembly from Waxer Turret
6. Remove 1 off Spirol Pin from Roller
7. Remove Bearing Housing with Bearing from Roller
8. Remove External Circlip from Bearing Housing
9. Remove Ball Bearing from Bearing Housing
10. Remove External Circlip from Roller
11. Remove Ball Bearing from Roller

 **Warning!** Risk of Entrapment
Trained Personnel **ONLY**
Isolate & Lock Out Machine

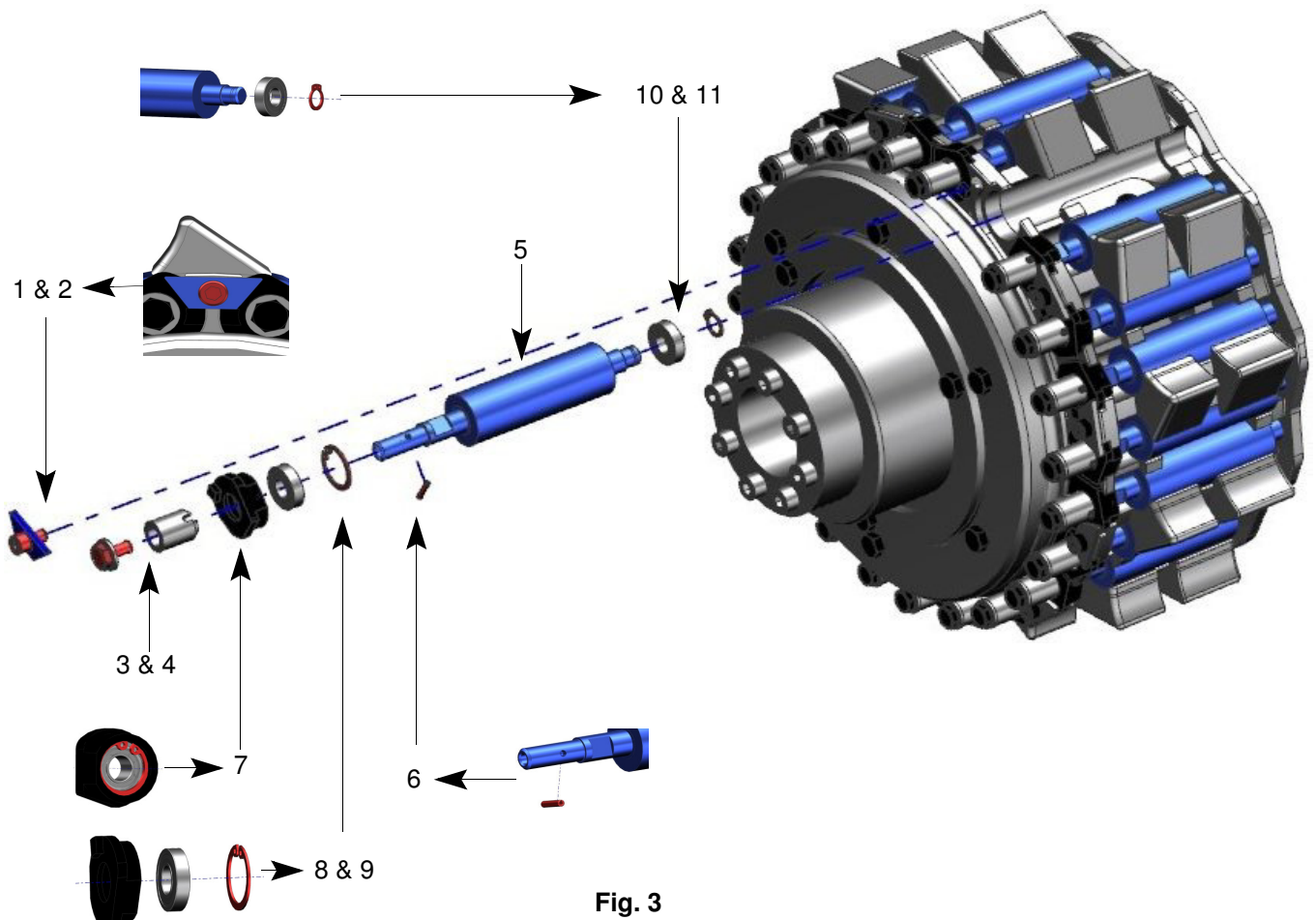


Fig. 3

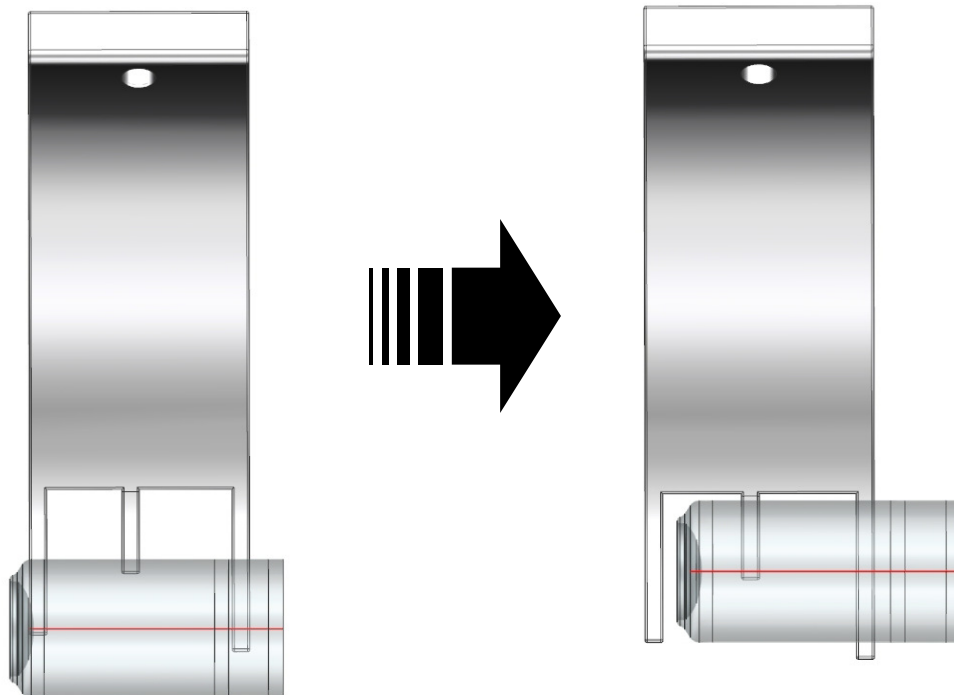
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Three Finger Stripper Guide

The 3 finger stripper guide is used in conjunction with the new style waxer turret, and provides stability to the can at high speeds. As machine speed increases, providing an extra point of contact with the can as it is pushed into the first necking die avoids potential misalignment that could lead to damage such as v-dents. As shown in **Fig.4 and Fig.5**, as the can moves upwards along the guide and is pushed into the Necking Die it is no longer sat on all the fingers, therefore the middle finger provides an extra point of contact and increased stability.



Can exits Waxer Turret and moves upwards along the guide.

Fig. 4

The can is pushed forward and is no longer positioned on all the fingers.

Fig. 5

For further information regarding this Technical Bulletin please contact either of the below quoting Technical Bulletin Number **TB3400-022** and your machine Serial Number

Note: a complete Library of Technical Bulletins is available on the Company Web Site.

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