Technical Bulletin

Carbide Insert Roller Spindle - Trimmer	TB550-007	05/06/2019

Category: Recommended upgrade at the next machine maintenance.

Summary: CarnaudMetalBox Engineering Ltd introduces the Carbide Insert Roller Spindle to reduce wear and eliminate the need for frequent adjustment of the cut settings, reducing machine downtime and maintenance.

Benefits to Customers:

- Prolonged component lifespan.
- Reduced machine maintenance and downtime.
- Ease of installation.
- Reduction in cost of wear items.
- Simplified troubleshooting.

In order to ensure optimal functionality of the Trimming Heads, the original Roller Spindles have been replaced with Carbide Insert Roller Spindles. The superior wear resistance of the carbide reduces the frequency of machine downtime because the correct penetration depth is maintained, therefore reducing the requirement for frequent adjustment.

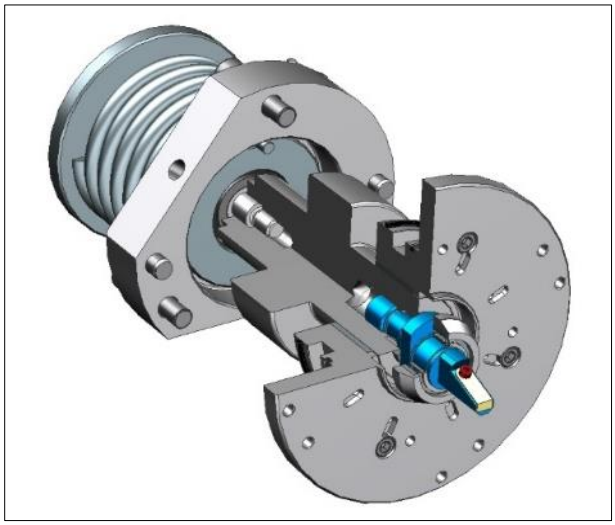

Figure 1

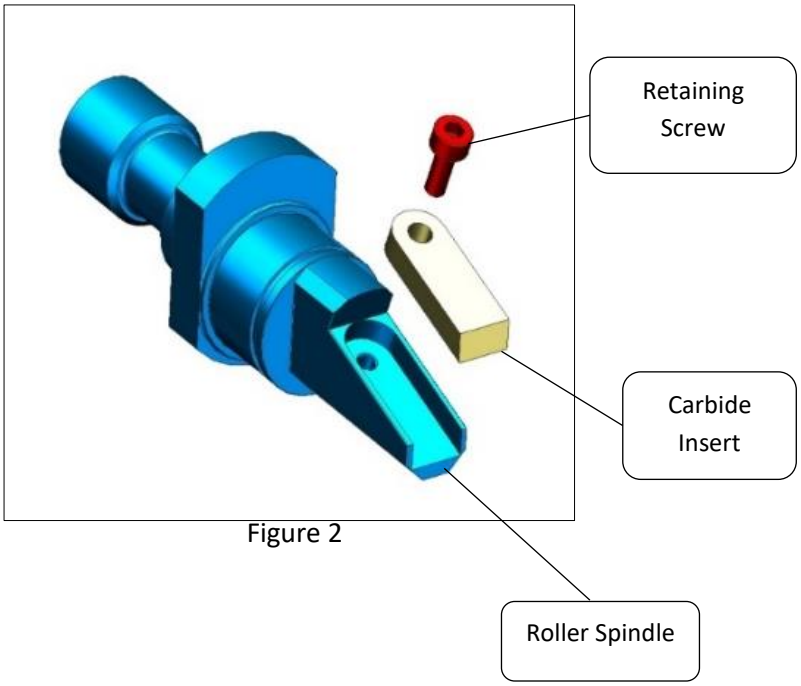

Figure 2

CarnaudMetalbox Engineering Ltd,
Dockfield Road, Shipley,
West Yorkshire, BD17 7AY, UK
Tel: +44 1274 846200, Fax: +44 1274 846201
e-mail: sales@CMBEcanmaking.com

CarnaudMetalbox Engineering Ltd,
79 Rockland Road, Norwalk,
Connecticut 06854, USA
Tel: +1 203 853 7325, Fax: +1 203 866 7627
e-mail: sales@CMBEcanmaking.com

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Mechanical Instructions for Exchanging the Original Roller Spindle for the Carbide Insert Roller Spindle:

1. Rotate the Turret to position the Trimming Head so that the M5 Allen key can reach each of the 4 off securing screws, then loosen them off a half turn. Do **not** remove the screws.
2. Twist the Trimming Head anti-clockwise and remove it from the Bearing Cap (Figure 3) and (Figure 4).

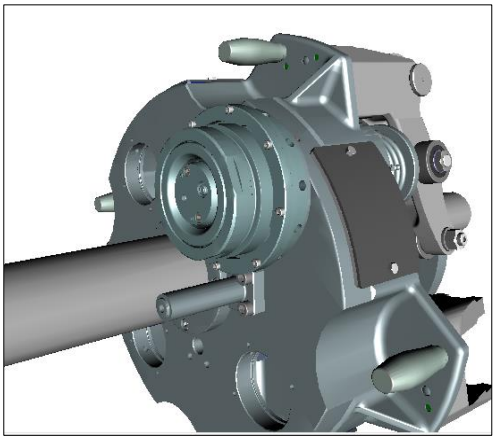

Figure 3

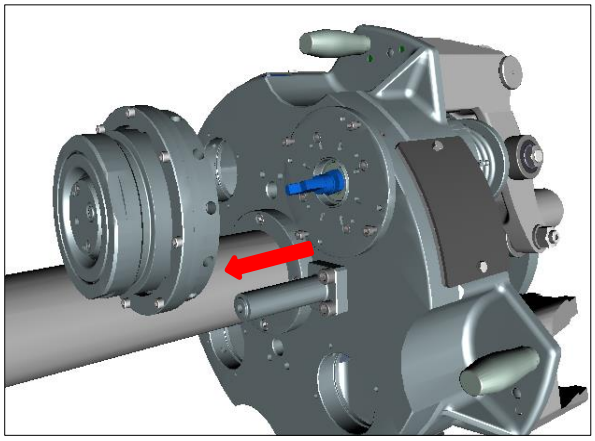

Figure 4

3. Using a spanner and a mallet gently tap the Roller Spindle until it loosens.
4. Unwind the Roller Spindle until it comes free, remove the shims and place them at the back of the new Carbide Insert Roller Spindle (Figure 5).
5. Apply a liberal amount of Klüber Microlube GL 261 grease to all of the sides of the new Roller Spindle and around the Drive Bearing Follower (Figure 6).
6. Re-fit the Trimming Head, ensuring that there is a gap of 8mm from the face to the lower shoulder of the 4 off M6 cap head screws.
7. If applicable, align the flats and match the keyway to the Roller Spindle.
8. Push the Trimming Head all the way on. The Turret will need to be rotated clockwise until the Trimming Head stops in position.
9. Taking care to keep the Trimming Head fully clockwise, tighten the screws until they are firm hand tight. The Turret will need to be rotated to position the Trimming Head so that the M5 Allen key can reach all of the securing screws.
10. Check the depth of the cut setting and can height before running the machine.

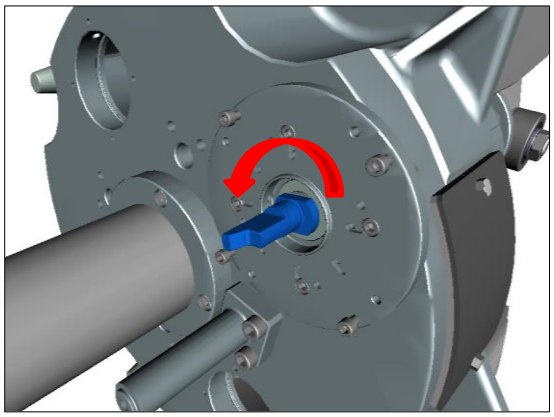

Figure 5

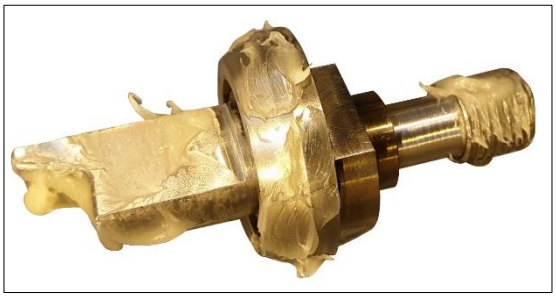

Figure 6

For further information regarding this Technical Bulletin, please contact either of the contacts below quoting Technical Bulletin number **TB550-007** and your machine Serial Number. A complete library of Technical Bulletins is available on the company web site.

CarnaudMetalbox Engineering Ltd, Dockfield Road, Shipley, West Yorkshire, BD17 7AY, UK Tel: +44 1274 846200, Fax: +44 1274 846201 e-mail: sales@CMBEcanmaking.com	CarnaudMetalbox Engineering Ltd, 79 Rockland Road, Norwalk, Connecticut 06854, USA Tel: +1 203 853 7325, Fax: +1 203 866 7627 e-mail: sales@CMBEcanmaking.com