

Improved Rotary Cup Feed

CATEGORY: Recommended

Summary: CarnaudMetalbox Engineering have with the aid of a high speed video camera developed a new breed of Rotary Cup Feed Arrangement.

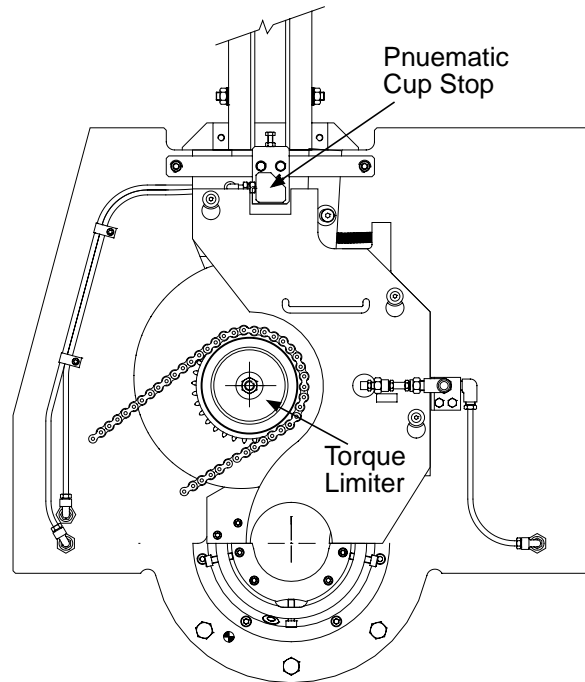
This new design has been tested at speeds up to 700cpm without cup damage. Production trials at 400cpm showed that incidences of cup misfeed were halved compared to machines fitted with early 5000 Bodymaker Rotary Cup Feed design.

This up-grade gives a smoother peel off from the cup stack with superior guidance from both the Cam and Guides with more accurate loading and positioning of the cup in the Cup Locator.

The design incorporates a Pneumatic Cup Stop which can allow initial Ram strokes for Punch wetting, easing stripping problems on the first few cans and prevents misfeeds on start up.

A Torque Limiter is mounted in front of the Cup Feed Cam, improving access over the previous B3/B4 Bodymaker design.

The new Rotary Cup Feed design can be fitted to all B series Bodymaker machines within 12 hours. Guard modifications or new guarding may be necessary.



For further details about the Improved Rotary Cup Feed please contact either of the contacts below quoting Technical Bulletin Number **TB-B3/B4-008**

Note: A complete Library of Technical Bulletins is accessible on the Company Web Site.

Adrian Long,
CarnaudMetalbox Engineering Plc,
Dockfield Road, Shipley,
West Yorkshire, BD17 7AY, UK
Tel: +44 1274 846208, Fax: +44 1274 846201
email: adrian.long@eur.crowncork.com

Paul J Orsino III,
CarnaudMetalbox Engineering Plc,
79 Rockland Road, Norwalk,
Connecticut 06854, USA
Tel: +1 203 853 7325, Fax: +1 203 866 7627
email: porsino@crowncork.com