



# Belvac Production Machinery Technical Bulletin

Information for Customers Operating & Maintaining Belvac Machines

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## CC93 Easy Maintenance Cartridge Upgrade

Belvac's family of Trimmers have a worldwide reputation for durability, consistency, and high trim quality. The Easy Maintenance Cartridge (EMC) is a core component of most CC93 series Trimmers. Based on successful field performance, Belvac is happy to announce an updated design for EMC Cartridges (both inside and outside burr). The revised design, currently being issued as standard on new Trimmers, has a more robust arrangement providing more setup consistency and greater longevity moving forward.

The key changes are:

- Re-designed shaft provides more contacting pilot for the retainer.
- Increased shoulder length on the upper shaft for more strength.
- Longer upper knife retainer for better trim quality.
- New rotary seal on the lower shaft for improved sealing coverage and longer lifecycle.

To order an upgrade for existing EMC cartridges, specify the following:

- EMC OB Cartridge Upgrade Kit #9310219
  - Upgrades 9310000 to become 9310213
  - Requires 9310000 rev 29 or later (Sept. 2007 or newer)
- EMC IB Cartridge Upgrade Kit #9310220
  - Upgrades 9310090 to become 9310215
  - Requires 9310090 rev 20 or later (Jan. 2007 or newer)

It is important to note the new EMC design is compatible with the original design and mounts to the machine the same way. Original design and new design EMC cartridges may be mixed on a machine when necessary.

