

Modernization Kit No. 4750220 Discharge System Conversions

Barry-Wehmiller now offers Soft Drop, Two Lobe & Four Lobe Discharge Conversion to upgrade the discharge system of Model 12, 14 and System 40 Bottle Cleaners.

The “Soft Drop” Discharge Package replaces the live roller, bottle slides, center bearings and drip pan with polyurethane coated live roller and scalloped drip shield, Rulon center bearings and non-metallic drop slides. This significantly reduces chipped crowns, increases live roller bearing service life and lowers noise levels. Installing the “Soft Drop” system allows all bottle contact points to be non-metallic, providing a safe and gentle delivery to the conveyor.

The “soft drop” Discharge Package includes the following components:

- One (1) polyurethane coated stainless steel live roller.
- Two (2) high compressive strength, wear resistant Rulon center bearings.
- One (1) polyurethane coated stainless steel scalloped drip shield.
- Complete set of non-metallic bottle slides (if necessary).
- All the necessary engineering and installation instructions.

The two lobe system delivers two discharges per shaft revolution allowing lower rotational speeds for the cams. The shorter discharge path also permits higher delivery frequencies at lower bottle velocities. The profile of the new cam gently cradles the bottle through a smooth arc and delivers it safely to the discharge conveyor. The conversion also includes a cushioned mounting for the discharge plate shield which provides substantial noise reduction and additional protection for the bottles.

After installing the two lobe conversion, the process of discharging the bottles becomes smoother, quieter and



more efficient. Due to the reduction of shaft speed by one half, wear to all parts is significantly reduced.

Barry-Wehmiller also offers a Four Lobe Discharge Conversion to replace the spiral or the two lobe discharge system of Model 12, 14 and System 40 Bottle Cleaners. The four lobe system delivers four discharges per shaft revolution allowing lower rotational speeds for the cams. The shorter discharge path also permits higher delivery frequencies at lower bottle velocities. The profile of the new cam gently cradles the bottle through a smooth arc and delivers it safely to the discharge conveyor. The conversion also includes a cushioned mounting for the discharge plate shield which provides substantial noise reduction and additional protection for the bottles.

After installing the four lobe conversion, the process of discharging the bottles becomes smoother, quieter and more efficient. Due to the reduction of shaft speed by one quarter, wear to all parts is significantly reduced.

Please contact your Barry-Wehmiller Customer Service Department for details.