

Series 2003, 2004 & 2006 RCM Seamers

## Closetech Rotary Closing Machines



### Features:

- Individual 1st and 2nd operation seaming roll shanks
- Segmented seaming head/spindle and shank assemblies
- Positive control of can/cover allows perfect alignment onto seaming chuck eliminating mis-assembly
- 360° rotation of the filler in-motion timing device
- Choice of three infeeds
- Simplified one level cover guides
- Non-interlocking rolls
- Quick change of seaming spindle speed alternatives



**Barry-Wehmiller**

# Series 2003, 2004 & 2006 RCM Seamers Closetech Rotary Closing Machines

Pneumatic Scale offers the Closetech International (formerly Continental Container Systems) 2000 Series Closing Machines for the wide ranging needs of food canning and other packaging operations. The 2000 Series is made up of three basic units. They are:

- 2003 RCM, for speeds up to 300 CPM on cans ranging in diameter from 211 through 610.
- 2004 RCM, for speeds up to 400 CPM on cans ranging in diameter from 202 through 408.
- 2006 RCM, for speeds up to 600 CPM on cans ranging in diameter from 202 through 404.

The 2000 Series has been designed with the versatility necessary to accommodate the full range of products and can sizes packed in your plant. Height changeovers may be accomplished in a matter of minutes. This quick change feature is the result of a totally new concept which provides for the support and driving of all height change related components directly from the Top Housing. This unique design eliminates the need for sliding shaft and key fits found in other closing machines available today. Diameter changes can be accomplished in a matter of several hours. With additional change features, diameter changes of one hour may be achieved. The simplicity of design provides for ease of operation and maintenance by the varying skill levels of personnel employed around the world.

The 2000 Series of closing machines has been value engineered to meet the current and future needs of the packaging industry. Their design incorporates many new features, and proven concepts developed over 90+ years of closing machine building experience. The high degree of parts interchangeability between all members of this series results in:

- Lower machine building cost due to larger manufacturing lot sizes of common parts.
- Reduced leadtime as a result of our ability to assemble the machine required to fill your exact requirements from a stock of common parts.
- Better parts prices and delivery due to the large number of common parts utilized on all models.
- Lower customer investments in spare parts inventory. A single set of common emergency spare parts can be maintained to cover the majority of your requirements for 3, 4 and 6 spindle machines.

## Additional Features:

- ALL SHAFT MOUNTED HUBS AND GEARS ARE SECURED WITH KEYS AND SPLIT CLAMP HUBS OR TAPER LOCK HUBS TO ELIMINATE ANY POSSIBLE BACKLASH DUE TO KEY FIT.
- EASY ADJUSTMENT OF CAN HOLDING CHUCK SPRINGS ASSURES POSITIVE SPRING DEFLECTION AND HOOK FORMING PRESSURE DURING SEAMING
- INNOVATIVE DESIGN REDUCES GEARING BY AS MUCH AS 18%
- CLOSING OF 110 THROUGH 800 HIGH CANS WITH STANDARD TIN LINE
- FEED CHAIN CONSTRUCTION OF EXTENDED PITCH HARDENED STAINLESS
- SEAMING SPINDLE AND CAN FEED CHAIN SPACING TO MATCH THE INDUSTRIES POPULAR FILTERS
- AVAILABLE HIGH-STROKE CAN HOLDING CHUCK CAM PROVIDES ADDED CAN FLANGE TO COVER GUIDE CLEARANCE WHEN PACKING PROTRUDING PRODUCTS OR USING COMPOSITE CANS
- A.C. ELECTRIC MOTOR WITH VARIABLE-SPEED DRIVE AND SEPARATE CALIPER DISC BRAKE
- THREE SCREW COVER FEED DESIGN PROVIDE OPTIMUM SEPARATION AND CONTROL OF ALL END TYPES
- HANDWHEEL CONVENIENTLY LOCATED ABOVE THE FIRST OPERATION DOOR
- ROTARY SWING OUT END MARKER WITH QUICK CHANGE TYPE HOLDERS
- HINGED STAINLESS STEEL GUARDS, FITTED WITH SAFETY INTERLOCKS
- "LIFETIME" CAMS MADE OF HARDENED TOOL STEEL
- EQUIPPED WITH SOLID STATE COVERTRIP AND LOW COVERSTACK CONTROLS
- SEAMING SPINDLE BEARING DESIGN COMPATIBLE WITH THE CORROSIVE ENVIRONMENT OF CANNING OPERATIONS WITHOUT THE NEED FOR SEALING FEATURES
- ALL PARTS AFFECTING CAN HEIGHT CHANGES, I.E., COVER FEED, COVER GUIDES, CAN FEED TURRET, AND MARKER ARE SUPPORTED AND DRIVEN FROM THE TOP HOUSING, AVOIDING PROBLEMS OF SLIDING SHAFT AND KEY FIT ALIGNMENT
- MACHINE CONTROLS ARE SIMPLIFIED THROUGH THE USE OF AIR OPERATED SAFETY SWITCHES AND BRAKES
- ALL PARTS RELATED TO THE CAN BODY OR FIXED TIN LINE ARE SUPPORTED AND DRIVEN FROM THE BOTTOM BASE, AGAIN AVOIDING THE NEED FOR SLIDING SHAFT AND KEY FITS
- METRIC DESIGN MEETS WORLDWIDE GUIDELINES FOR MACHINE BUILDING
- UNIT ELEVATION IS EASILY CHANGED BY LOOSENING FIVE CLAMP SCREWS AND TURNING A CRANK. POWER ELEVATION IS ALSO AVAILABLE

## Rotary Closing Machine Specifications

2000 RCM	2003, 3-Spindle	2004, 4-Spindle	2006, 6-Spindle
Maximum Speed (dependent on can size, type, product, and type of drive)	300 CPM	400 CPM	600 CPM
Diameter range of cans handled	211 - 610*	202 - 408*	202 - 404*
Height range of cans handled with standard tin line	208 - 910	110 - 800**	110 - 910**
Single Horizontal Chain Pitch	10.336	6.460	5.168
Dual (vertical/horizontal) Chain Pitch	9.750	6.000 or 6.375	4.875 or 5.250
Net weight, approximate lbs./kg.	5100/2315 kg.	5150/2335 kg.	5200/2360 kg.
Height max.	87.6"/222.5 cm.	86"/218.4 cm.	86"/218.4 cm.
Width	54.0"/137.0 cm.	54.0"/137.0 cm.	54.0"/137.0 cm.
Length, basic	74.2"/188.5 cm.	4.2"/188.5 cm.	4.2"/188.5 cm.

\* With appropriate change parts, outside this range, consult sales office  
 \*\* Height to 012 may be accommodated with raised tin line option

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