

Series 2003, 2006 & 2008 HCM

Closetech High-Speed Closing Machines



Features:

- Power driven can holding chuck assemblies
- “Lifetime” cams made out of hardened tool steel
- Quick change of seaming spindle speed alternatives
- Innovative design reduces gearing by as much as 18%
- Safety interlocked hinged doors to provide quick access to key components
- Can feed chain attachment spacings for optimal filler/closer transfer
- Simplified modular machine sub-assemblies for quick easy maintenance when required
- Fewer seaming stations reduce the quantity of tooling and setup time
- Non-interlocking seaming chucks and T.N.I. coated stody seaming rolls
- Metric design meets worldwide guidelines for machine building



Barry-Wehmiller

Series 2003, 2006 & 2008 HCM Closetech High-Speed Closing Machines

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

2003HCM, for speeds up to 450 CPM on cans ranging in diameter from 211 to 610.

2006HCM, for speeds up to 900 CPM on cans ranging in diameter from 202 to 404.

2008HCM, for speeds up to 1200 CPM on cans ranging in diameter from 200 to 300.

The 2000 HCM Series has been designed with the versatility necessary to accommodate the full range of food/beverage products and can sizes packed in your plant. The simplicity of design provides for ease of operation and maintenance by the varying skill levels of personnel employed around the world.

The 2000HCM Series has been value engineered to meet the current and future needs of the food/beverage packaging industry. This design incorporates many new features, and proven concepts developed over our 90+ years of closing machine building experience.

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 Seamers available today. Diameter changes can be accomplished in a matter of several hours. With optional quick change features, diameter changes of one hour may be achieved.

With production speeds of up to 1200 cans per minute, the 2000HCM Series is among the highest quality closing machines available to the food/beverage market today. Its design combines new technologies with proven, time tested features to provide very effective seaming and gentle can handling that lowers transfer shock and reduces spillage. The 2000HCM Series is fully modular to maximize up-time and reduce maintenance.

Additional Features:

- ONE SET OF U.S. STANDARD SIZE CHANGE PARTS
- PROXIMITY TYPE NO CAN-NO END SENSOR WITH SOLID STATE CONTROLS
- REAR PUSH-BUTTON STATION WITH SELECTOR SWITCH
- FILLER HOOK-UP PARTS WITH 360 DEGREE IN-MOTION TIMING, AND PNEUMATIC AIR CLUTCH FOR CUSTOMERS CHOICE OF FILLER
- INDIVIDUAL 1ST AND 2ND OPERATION SEAMING ROLL SHANKS ALLOW OVERLAP SEAMING AND FULL RANGE OF CAN SIZES WITHOUT THE NEED FOR LEVER REPLACEMENT
- 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
- THREE SCREW COVER FEED DESIGN PROVIDES OPTIMUM SEPARATION AND CONTROL OF ALL END TYPES
- EASY ADJUSTMENT OF CAN HOLDING CHUCK SPRINGS ASSURES POSITIVE SPRING DEFLECTION AND HOOK FORMING PRESSURE DURING SEAMING
- SINGLE HORIZONTAL CHAIN IN-FEED AND 90° DISCHARGE
- FEED CHAIN CONSTRUCTION OF EXTENDED PITCH HARDENED STAINLESS STEEL
- POSITIVE CONTROL OF CAN/COVER ALLOWS PERFECT ALIGNMENT ONTO SEAMING CHUCK, ELIMINATING MIS-ASSEMBLY
- HANDWHEEL CONVENIENTLY LOCATED ABOVE THE FIRST OPERATION DOOR
- SIMPLIFIED ONE LEVEL COVER GUIDES
- EQUIPPED WITH SOLID STATE COVERTRIP AND LOW COVERSTACK CONTROLS
- AC FREQUENCY/DC DRIVE, TOP MOUNTED MOTOR FOR EASY ACCESS
- AIR CALIPER DISC BRAKE THAT IS INFINITELY ADJUSTABLE AND EASILY SYNCHRONIZED WITH FILLER BRAKE TO REDUCE FILLER SURGING DURING EMERGENCY STOPS
- PLC CONTROL SYSTEM
- AVAILABLE HIGH STROKE CAN HOLDING CHUCK CAM PROVIDES ADDED CAN FLANGE TO COVER GUIDE CLEARANCE WHEN PACKING PROTRUDING PRODUCTS OR COMPOSITE CANS
- ROTARY SWING OUT END MARKER WITH QUICK CHANGE TYPE HOLDERS
- ALL PARTS EFFECTING 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 FITS
- 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
- UNIT ELEVATION IS EASILY CHANGED BY LOOSENING FIVE CLAMP SCREWS AND TURNING A CRANK. POWER ELEVATION IS ALSO AVAILABLE

High-Speed Closing Machine Technical Specifications

2000 HCM	2003, 3- SPINDLE	2006, 6- SPINDLE	2008, 8- SPINDLE
Maximum Speed (dependent on can size, type, and type of drive)	450 CPM	900 CPM	1200 CPM
Diameter range of cans handled	211 - 610*	202 - 404*	200 - 300*
Height range of cans handled with standard tin line	208 - 910	110 - 800**	110 - 800**
Single Horizontal Chain Pitch	10.336/262.53mm	5.168/131.27mm	3.876/98.45mm or 3.562/90.47mm
Dual (vertical/horizontal) Chain Pitch	9.750/247.65mm	4.875/123.83mm 5.250/133.35mm	N/A
Net weight, approximate lbs/kg	5850/2647 kg	5900/2670 kg	5950/2698 kg
Height max.	90.72"/230.43 cm	89.12"/226.36 cm	89.12"/226.36 cm
Width	54.0"/137.0 cm	54.0"/137.0 cm	54.0"/137.0 cm
Length, basic	74.2"/188.5 cm	74.2"/188.5 cm	74.2"/188.5 cm

* With appropriate change parts, outside this range, consult sales office

** Height to .012 may be handled with raised tin line

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