

SC Capper



The SC Capper is available in stand-alone or monoblocked configurations.

Features:

- Performs virtually any capping requirement
- Positive container handling
- Servo motor control for precise application torque set by recipe
- Cap application diagnostics
- Easy access to all Servo motors in the upper turret.
- Minimal lubrication is required in upper turret
- Will not scuff or deform lightweight plastic containers
- Handles a wide variety of screw caps, press-on caps, plugs, and overcaps
- Accommodates glass, metal, plastic, and fiberboard containers
- Patented* chuck design
- Reduces inertia effects

* patent no. 6,044,626

Barry-Wehmiller

SC Capper

Performs Virtually Any Capping Requirement

The PneumaticScaleAngelus SC Capper provides positive container handling, accurate torque control, and tool-free changeovers.

Precise Container Control

By offering a variety of antirotation mechanisms, the SC Capper is ideal for practically any container. Customized turret pockets control non-round containers. Round containers are held by a gripper belt, which assures solid handling of a broad range of containers. Because containers are held securely until capped, there is no crushing, scuffing, slipping or spilling. Caps are transferred to the capping chuck by a cap disk. Since timing is integrated with the turret, cap pickup is extremely reliable. And, by allowing ample time for a cap to seat itself, misaligned caps are eliminated - even at high speeds.

Exceptional Torque Control

No container slippage means accurate torque - guaranteed. Servo motors offers accurate torque control without wear parts or constant maintenance. In-process control using the servo's precise

torque control, feedback and diagnostic capabilities. Capping torque accuracy will be ± 1 inch-lb, or better, across a range of 5 to 30 or 15 to 100 in-lbs. Real time in-process monitoring allows for 100% verification of the application torque and provides statistical data for production management. Slipping and cross-threading situations can be detected while corrective action can be taken. Custom torque profile curves are now possible.

Quick Tool-Free Changeovers

Changeovers are quick, easy, and tool-free, thanks to the availability of Zepf Mark II[®] change parts. Container and cap changeovers can be performed in less than fifteen minutes! Also, motorized turret height adjustment and mechanical position indicators increase changeover ease.

Touch-Screen Technology

Machine adjustments have never been simpler. A user-friendly touch-screen interface allows control of all capper functions and displays diagnostics. Optional programmable turret height adjustment offers push-button container height changeover.

Additional Features

- SANITARY, STAINLESS STEEL DESIGN
- TOUCH-SCREEN OPERATOR INTERFACE
- NO-CONTAINER/NO-CAP FEATURE
- COLOR-CODED CLUSTER LUBE PLATE IDENTIFIES LUBRICATION SCHEDULE
- MOTORIZED TURRET HEIGHT ADJUSTMENT
- OMAC/PACK-ML COMPLIANT.

Optional Features

- PROGRAMMABLE TURRET HEIGHT ADJUSTMENT
- TWO-SPEED HELIX TO RUN ALTERNATE STATIONS
- KNIFE PLATES FOR FLANGED NECK BOTTLES
- GUARD DOOR DIAGNOSTICS
- INFEEED BOTTLE STOP
- ON-LINE MANUALS
- SS UPGRADE WITH SS SERVO MOTORS
- FAULT AND REJECT TRACKING

SC Capper Technical Specifications

Model Number	Normal Operating Speed (CPM)	Max. Cap Size	Max. Container Dia. w/ Grip Belts	Max. Square Container w/ Turret Pockets	No. of Capping Heads	Container Pitch	Starwheel and Turret Pitch Circles
SC-450-4	20-80	89 mm	6.88"	6.00" x 6.00"	4	13.91"	450 mm
SC-450-6	30-120	89 mm	6.88"	6.00" x 6.00"	6	9.27"	450 mm
SC-450-8	40-160	89 mm	6.25"	4.81" x 4.81"	8	6.95"	450 mm
SC-450-10	50-200	89 mm	4.97"	3.93" x 3.93"	10	5.56"	450 mm
SC-600-6	30-120	89 mm	9.00"	8.00" x 8.00"	6	12.36"	600 mm
SC-600-8	40-160	89 mm	8.00"	6.56" x 6.56"	8	9.27"	600 mm
SC-600-10	50-200	89 mm	6.79"	5.38" x 5.38"	10	7.42"	600 mm
SC-600-12	60-240	89 mm	5.61"	4.60" x 4.60"	12	6.18"	600 mm
SC-600-14	70-280	89 mm	4.75"	3.98" x 3.98"	14	5.30"	600 mm
SC-900-8	40-160	89 mm	10.00"	10.00" x 10.00"	8	13.91"	900 mm
SC-900-10	50-200	89 mm	10.00"	8.24" x 8.24"	10	11.13"	900 mm
SC-900-12	60-240	89 mm	8.00"	7.05" x 7.05"	12	9.27"	900 mm
SC-900-14	70-280	89 mm	7.38"	6.14" x 6.14"	14	7.95"	900 mm
SC-900-16	80-320	89 mm	6.41"	5.41" x 5.41"	16	6.95"	900 mm
SC-900-18	90-360	89 mm	5.65"	4.82" x 4.82"	18	6.18"	900 mm
SC-900-20	100-400	89 mm	5.04"	4.38" x 4.38"	20	5.56"	900 mm

Note: Capped container height range for each model is 12" maximum, 2" minimum. Nominal speeds and dimensions are shown as a guideline only. Samples of containers and caps will be needed for final machine sizing.

PneumaticScaleAngelus Corporation

10 Ascot Parkway • Cuyahoga Falls, OH 44223 USA • 330/923-0491
 5320 140th Avenue North • Clearwater, FL 33760 USA • 727/535-4100
 4900 Pacific Boulevard • Los Angeles, CA 90058 USA • 323/583-2171
 Belcrownlaan 44 • B-2100 Deurne, Belgium • +32 3 327-3140

De 'Salis Drive, Hampton Lovett • Ind. Est. • Droitwich, Worcester WR9 0QE, U.K. • +44 1905 779602

www.PSAngelus.com