

TC Capper



Features:

- Performs virtually any capping requirement
- Positive container handling
- Accurate torque control
- Will not scuff or deform light-weight plastic containers
- Handles a wide variety of screw caps, press-on caps, plugs, and overcaps
- Accommodates glass, metal, plastic, and fiberboard containers
- Patented* jaw bell design reduces inertia effects

The TC Capper, shown with optional mirror-finish stainless steel, is available as a free-standing turret and in stand-alone or monoblocked configurations.

* patent no. 6,044,626

Barry-Wehmiller

TC Capper

Performs Virtually Any Capping Requirement

What results from blending the best features of the Pneumacapper® and Consolidated Capper® products? The Pneumatic Scale TC Capper. The TC Capper provides positive container handling, accurate torque control, and tool-free changeovers.

Precise Container Control

By offering a variety of antirotation mechanisms, the TC Capper is ideal for practically any container. Customized turret pockets control non-round containers. Round containers are held by a gripper belt or the optional clamp table, 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 cap transfer arms. 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. Pneumatic Scale's Magnetic Torque Unit offers accurate torque control without wear parts or constant maintenance. The unique design is the key ... it eliminates the ratcheting effect, which causes premature "wear-and-tear" and inconsistent torque, found in other cappers.

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 PLATE IDENTIFIES LUBRICATION SCHEDULE
- MOTORIZED TURRET HEIGHT ADJUSTMENT

Optional Features

- INERT GAS FLUSHING
- GRIPPER BELT FOR ROUND CONTAINERS
- CONTAINER CLAMP TABLE
- CAP TRANSFER DISK
- PROGRAMMABLE TURRET HEIGHT ADJUSTMENT
- TORKOPEN® CHUCKS
- PROGRAMMABLE SPINDLE SPEED CONTROL
- TWO-SPEED HELIX TO RUN ALTERNATE STATIONS
- KNIFE PLATES FOR FLANGED NECK BOTTLES
- ON-LINE MANUALS

TC Capper Technical Specifications

Model Number	Normal Operating Speed (CPM)	Max. Cap Size	Max. Container Dia. w/ Clamps	Max. Container Dia. w/ Grip Belts	Max. Square Container w/ Turret Pockets	No. of Capping Heads	Container Pitch	Starwheel and Turret Pitch Circles
TC-450-4	38-150	110 mm	6.50"	6.88"	6.00" x 6.00"	4	13.91"	450 mm
TC-450-6	56-225	110 mm	5.00"	6.88"	6.00" x 6.00"	6	9.27"	450 mm
TC-450-8	75-300	100 mm	4.00"	6.25"	4.81" x 4.81"	8	6.95"	450 mm
TC-450-10	93-375	89 mm	3.00"	4.97"	3.93" x 3.93"	10	5.56"	450 mm
TC-450-12	112-450	70 mm	n/a	4.08"	3.34" x 3.34"	12	4.63"	450 mm
TC-600-6	50-200	110 mm	6.50"	9.00"	8.00" x 8.00"	6	12.36"	600 mm
TC-600-8	66-266	110 mm	5.00"	8.00"	6.56" x 6.56"	8	9.27"	600 mm
TC-600-10	83-333	100 mm	4.00"	6.79"	5.38" x 5.38"	10	7.42"	600 mm
TC-600-12	100-400	89 mm	3.38"	5.61"	4.60" x 4.60"	12	6.18"	600 mm
TC-600-14	116-466	89 mm	3.00"	4.75"	3.98" x 3.98"	14	5.30"	600 mm
TC-600-16	133-533	70 mm	n/a	4.10"	3.49" x 3.49"	16	4.63"	600 mm
TC-900-8	62-250	110 mm	6.50"	10.00"	10.00" x 10.00"	8	13.91"	900 mm
TC-900-10	78-312	110 mm	6.50"	10.00"	8.24" x 8.24"	10	11.13"	900 mm
TC-900-12	93-375	110 mm	5.00"	8.00"	7.05" x 7.05"	12	9.27"	900 mm
TC-900-14	116-466	100 mm	4.00"	7.38"	6.14" x 6.14"	14	7.95"	900 mm
TC-900-16	125-500	100 mm	4.00"	6.41"	5.41" x 5.41"	16	6.95"	900 mm
TC-900-18	140-562	89 mm	3.38"	5.65"	4.82" x 4.82"	18	6.18"	900 mm
TC-900-20	156-625	89 mm	3.00"	5.04"	4.38" x 4.38"	20	5.56"	900 mm
TC-900-22	171-687	70 mm	n/a	4.54"	4.00" x 4.00"	22	5.05"	900 mm
TC-900-24	187-750	70 mm	n/a	4.12"	3.66" x 3.66"	24	4.63"	900 mm

Note: Capped container height range for each model is 14" 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.

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