



Equipment Information

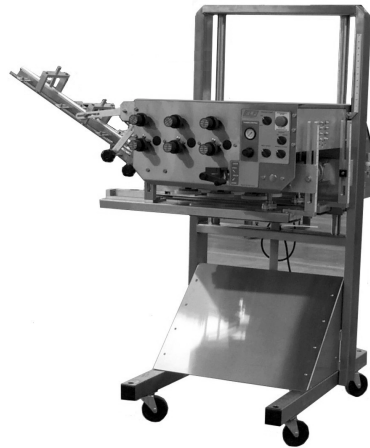
Spindle Style Screw Cappers

CW-2X00 Series Economy Semi-Automatic Capper
CW-3X00 Series Standard Semi-Automatic Capper

These screw cappers are very durable and versatile machines that are able to sort, align, place, and torque a wide range of threaded cap types up to 120 caps per minute. Gripping belts guide the container securely through the capper where three sets of polyurethane discs spin the caps into place. (Quick-change polyurethane spindle disks allow for fast replacement when the discs become worn over time!) An air clutch is used for consistent and accurate control of cap torque.

The capper has a power height adjustment to accommodate containers between 2 to 14 inches high. The sorter and capper can support caps with diameters between 10 mm and 115 mm. The cap feed chute, spindle wheels and gripper belts have a wide range of adjustment to meet your specific cap and container combination.

The integral NEMA 4 stainless steel electrical enclosure provides all operating controls in a location perfectly convenient to the operator. The control enclosure may optionally be populated to support additional controls for conveyors, separators or other devices. The addition of an optional vibratory or centrifugal sorting bowl provides a complete automated capper solution.



CW-2X00 Series
Economy Semi-Automatic
3-Station Spindle Capper



CW-3X00 Series
Standard Semi-Automatic
3-Station Spindle Capper

APPLICATIONS

- ❑ Screw caps
- ❑ 2" (51 mm) to 14" (356 mm) container heights
- ❑ 0.4" (10 mm) to 4.5" (115 mm) cap diameters
- ❑ 0.2" (5 mm) to 2.8" (70 mm) cap thickness
- ❑ Corrosive environment option
- ❑ Hazardous environment option
- ❑ No change parts required for most applications

FEATURES & BENEFITS

- ❑ **Modular with Upgrade Options**
Capper module, sorting bowl and delivery chute can be purchased separately or together, so you buy the components that you need now and add other items as your needs change.
- ❑ **Robust Construction**
Stainless steel construction maximizes the working life of your machine and minimizes maintenance costs and downtime. Aluminum parts can be hard coated for even greater environmental durability.
- ❑ **Fully Independent Adjustments**
Machine adjustments have a high degree of flexibility to allow for machine customization for the most demanding container needs.
- ❑ **Flexible**
Versatility and simplicity are intrinsic to the design. Wear parts are easily and quickly serviced. This minimizes machine down-time!
- ❑ **Simple Operator Controls**
All machine controls are simple to use and are perfectly accessible to the operator. Electrical controls are housed in an integrated NEMA 4 stainless steel enclosure (standard model).

Equipment Information

Feature	Economy Model	Model Number	Standard Model	Model Number
BASE MODEL (115 VAC, 1Φ, 50/60 Hz) BASE MODEL (230 VAC, 1Φ, 50/60 Hz)	3-station semi-automatic capper with six spindles, third set includes air clutch for adjustable torque. Hand fed cap delivery chute, 304 stainless steel heavy-duty construction.	CW-2500 CW-2600	3-station semi-automatic capper with six spindles, third set includes air clutch for adjustable torque. Hand fed cap delivery chute, 304 stainless steel heavy-duty construction.	CW-3500 CW-3600
Control Features				
Controls Location and Protection Level	Front Panel, NEMA 12		Front Panel, Enclosed NEMA 4 Box	
Emergency Stop & Power Disconnect	Standard		Standard	
Master On/Off Power Switch	Standard		Standard	
Spindle & Gripper Belt Power Switch	Standard		Standard	
Spindle Speed Control	Standard		Standard	
Gripper Belt Speed Control	Standard		Standard	
Power Height Adjustment	Standard		Standard	
Alternate Power - 460 VAC, 3 Φ, 50/60 Hz	Not Available		Option	CW-3700
Remote Conveyor Power & Speed Control	Not Available		Option	CWX-3000
Remote Separator Power & Speed Control	Not Available		Option	CWX-3002
Remote Accessory Power & Speed Control	Not Available		Option	CWX-3004
CE Mark Controls Standard	Not Available		Option	CWX-3006
Electrical Spare Parts Kit	Option	CWX-2008	Option	CWX-3008
Mechanical Features				
Dual Gripper Belts	Option	CWX-2012	Option	CWX-3012
Hard Coated Aluminum Parts	Option	CWX-2014	Option	CWX-3014
Guarding with Interlocks	Not Available		Option	CWX-3016
Mechanical Wear Parts Kit	Option	CWX-2018	Option	CWX-3018
Options				
Vibratory sorting bowl (120 VAC / 230 VAC) See Cap Sorter Product Data Sheet	Option	CS-3000	Option	CS-3000
Centrifugal sorting bowl (120 VAC / 230 VAC) See Cap Sorter Product Data Sheet	Option	CS-4000	Option	CS-4000
Hazardous Location	Not Available		Option	CWX-3020

Specifications

Parameter	Value / Description	Comment
Torque Wheel Material	Polyurethane	55 Durometer, Medium Standard. Other Durometers (20 Durometer, Soft to 70 Durometer, hard) available.
Capping Speed	Up to 120 containers/minute	Dependent upon container and cap configuration.
Nominal Torque	Up to 60 in-lbs.	Front panel adjustment of air clutch. Depends on cap style.
Power Consumption	15 Amps for 115 VAC 15 Amps for 230 VAC	Nominal for 2500, 3500 Series. Nominal for 2600, 3600 Series Varies with options and accessories.
Operating Temperature	40 °F to 122 °F (5 °C to 50 °C)	10% to 95% RH (non condensing)
Compressed Air Requirements	6 cfm at 80 psi (85 l/min at 5.6 bar)	6 cfm nominally required (may vary with application).
Weight	700 pounds (261 kg)	Nominal for 3500 Series. Contact factory for details.
Exterior Dimensions	60" H x 34" W x 44" D (1.5 M x 0.9 M x 1.1 M)	Nominal for Base Model. Size varies with options. Consult factory for details.