

 IRONING

CHEST IRONERS

# CENTURY

MULTI-ROLL DEEP  
CHEST IRONER



CHICAGO<sup>®</sup>





## HOW IT WORKS

Century is Chicago’s proven and dependable multi-roll deep chest ironer. Available in steam or thermal fluid heated models, it is the heart of any high production flatwork finishing system. It offers the finest of Chicago’s drying, ironing, and electronic control technology in an innovative and expandable deep chest format.



## CENTURY MODELS

MODEL	ROLL DIAMETER	USABLE WIDTH*	AVAILABLE NUMBER OF ROLLS
3200	32" (800 mm)	120" (3050 mm), 136" (3500 mm), 161" (4100 mm)	1-4
4200	42" (1050 mm)	120" (3050 mm), 136" (3500 mm), 161" (4100 mm)	1-4
5200	52" (1300 mm)	120" (3050 mm), 136" (3500 mm), 161" (4100 mm)	1-3

*\*Please consult factory for additional widths*



## KEY CHICAGO® ADVANTAGES

### CHI-DRIVE ALL-ROLL DRIVE SYSTEM

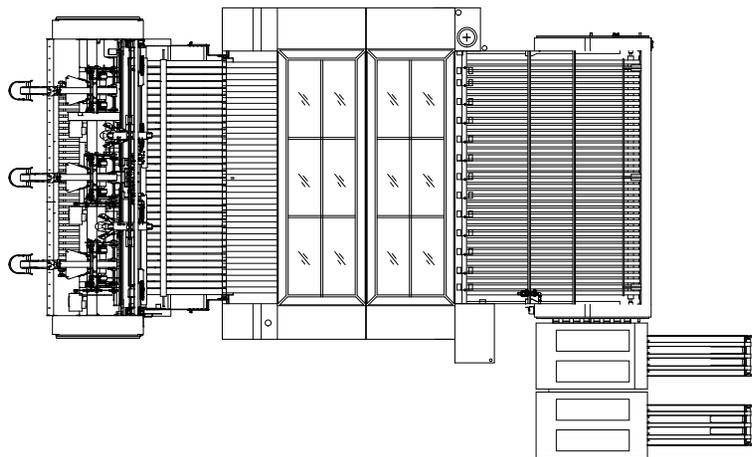
CHI-Drive uses an inverter with a direct drive motor on each roll to electronically maintain the precise speed differential between rolls—improving linen flow and finish, minimizing wrinkles, and reducing guide tape usage. Our drive motors improve reliability and repeatability by eliminating the inconsistencies caused by normal mechanical wear and eliminates the need for multiple mechanical parts that require adjustment, lubrication, and constant maintenance.



### EASY SERVICE ACCESS

All Century models have a full service access feature that pneumatically raises and locks rolls 16" (405 mm) to an extra-wide open position for easier chest inspection maintenance access. This same feature automatically stops, raises, and locks rolls in position when electrical power is interrupted.

## YOUR COMPLETE IRONING SYSTEM



Century can be paired with many of Chicago's wide range of separating, feeding, and automatic folding models to create a high-production, high-quality flatwork ironing system. Whether your requirements are healthcare, hospitality, or other linen applications, Century has proven for over 25 years that it is a workhorse for any high-production line.

### Healthcare

Pair a Tri-Maxx cornerless feeder with a Century ironer, and Skyline folder for a lightning fast high-production line that can process hospital sheets faster end-to-end than ever before.

### Hospitality

Installing a SkyFeed, the industry's most versatile spreader/feeder, with a Century ironer and Skyline automatic folder, is the most productive way to process all types of bed linens including flat and fitted sheets, duvet covers, and high end quality demands of table and banquet linen. The optional bypass allows you to also process small pieces such as pillowcases and napkins, making it versatile for the many different linens of all types and sizes.

# WHY CHICAGO

## RELIABILITY

- Fully insulated, ASME inspected, ground and highly polished heated steel chests and gap pieces certified for operation up to 208 PSI
- Heavy-duty laser cut and welded, insulated steel end frames for precise component alignment
- Premium springs of optimum tensile strength wrapped with two layers of high quality polyester padding for superior linen finish and long padding life
- Key lock job reverse and pendant control for padding and maintenance

## PRODUCTION

- Hyper-Flow steam dispersion system for maximum heat transfer and efficient condensate removal
- Multiple point temperature monitoring verifies correct heat, circulation, exhaust, and trap operation so staff can see any deterioration in system performance
- Individually adjustable inverter controlled high volume exhaust blowers for each roll assure correct vacuum balance and moisture removal
- CHI-Drive with advanced soft-start AC frequency inverter variable speed control (30 to 150 FPM 9.1 to 45.7 m/min) with user friendly diagnostics
- Sectionalized insulated canopy improves heat retention and operator comfort
- Modular design allows for future expansion (contact factory)
- Independently heated gap pieces provide smooth linen transfer, and increased evaporation capacity
- Correct ironing pressure is pneumatically applied and balanced across the entire length of the ironing surface for maximum production and high quality linen finish



CHI-Touch is the most advanced PC-based touchscreen control on the market. It is an intuitive, easy-to-learn interface that's effortlessly customizable to your needs. It gives you enhanced control over your Chicago equipment and is flexible enough to record, store, and export virtually any production parameter you want to monitor.

### New Standard in Ironing Control

Chicago offers an optional updated CHI-Touch system on its ironers, bringing unprecedented control and insight to your finishing department. This system gives you access to create custom programs for different item types allowing you to process each type to its maximum quality while taking the guess work out of your operators' hands. To keep your ironer consistently producing premium quality results, it also provides built-in diagnostics with text and pictorial indicators, and a programmable wax schedule to make service and maintenance hassle-free.



Please visit our website for direct access to other product brochures, detailed floor plans and specifications, as well as videos of Chicago equipment in action. Call our factory sales office for additional assistance and help finding your local distributor.

Designed and manufactured in the U.S. for quality control and prompt availability of replacement parts.



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Brochure #7622

**Building on our industry-leading 135 years of experience, we continuously evolve and innovate to meet the changing needs of our customers—that is the unbeatable Chicago Advantage!**

