



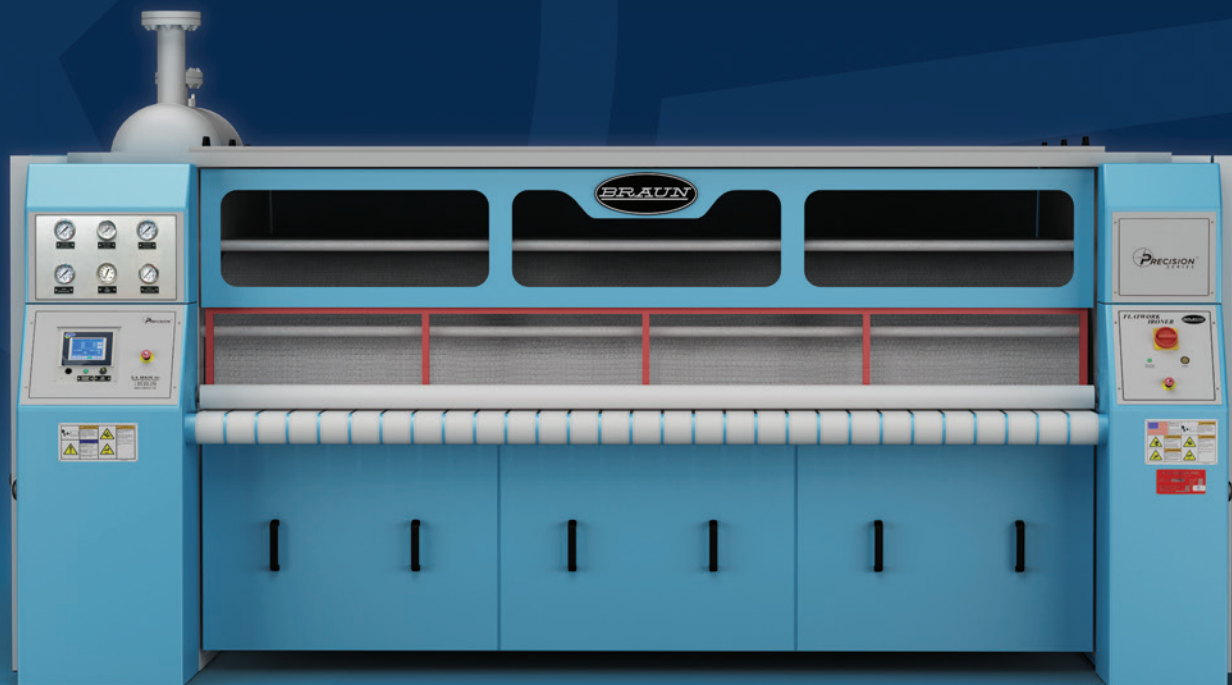
# PRECISION SERIES®

## Self-Contained Thermal Ironer

### DYNAMIC PROCESSING SOLUTIONS

Braun manufactures the self-contained thermal ironer with deep chest heating and large diameter rolls to apply a superb flatwork finish.

These ironers are available in one, two or three 48" roll configurations and eliminate the need for a separate boiler! All Braun ironers can be ordered in 120" and 130" working widths.



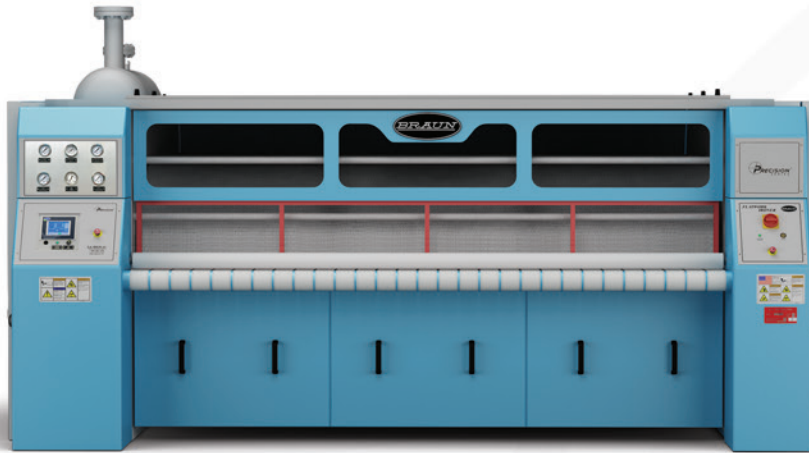
U.S.A.

**ISO 9001 Certified**  
Quality Management System

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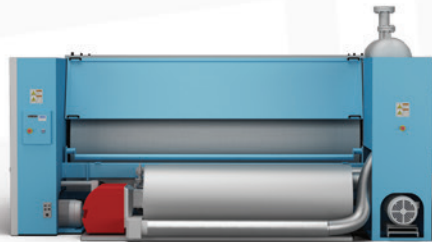
**[gabraun.com](http://gabraun.com)**

# SELF-CONTAINED THERMAL IRONER



## **Braun** **Self-Contained** **Thermal Ironer**

If you operate a laundry needing a new ironer, do not want to change your existing boiler or add a new boiler and are looking for an energy efficient option, then the Braun Self-Contained Thermal Ironer is for you.



## **TANK DESIGN** **EFFICIENT HEATING AND SAFE OPERATIONS**

Braun machines feature a three chamber expansion tank design that incorporates a thermal buffer and deaerator and does not require a nitrogen gas blanket. This unique tank design is ideal for laundries with limited space and protects fluid from oxidation. This provides for extended longevity and life of the oil.

**Note: Braun recommends only Paratherm NF thermal oil due to its low coefficient of expansion and because it is environmentally friendly.**

The heat exchanger has a nested concentric helical wound coil using a 3-pass design. This design is the most efficient in today's market. The modulating burner control system with a 5:1 turndown provides precise heater control.

## **CONSTRUCTION**

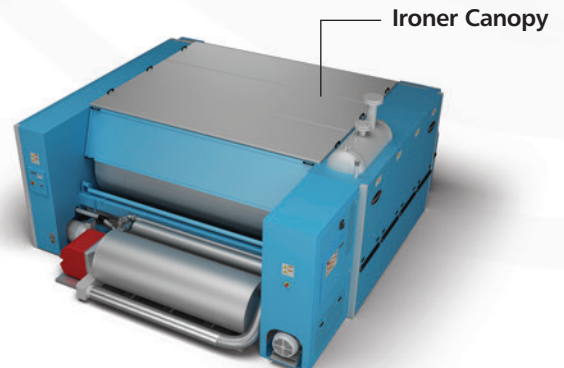
### **Pipes, Flanges, Valves, and Insulation**

- Exceptional fit, finish, and appearance!
- Abrasion resistant
- Will not melt or degrade under ironer operating conditions
- Will bring surface temperature to man safe levels
- Insulation jackets are cost effective and easy to remove for maintenance and rigging.

## **CANOPY**

The canopy of the Braun self-contained thermal ironers help to improve ironer performance by retaining heat within the ironer, minimizing temperature loss and providing for a more temperate workplace.

This canopy is also lightweight, easy to remove and prevents foreign objects from falling between the rollers and damaging the ironer chest and padding.



## SAFETY FEATURES

Finger guard protection prevents accidental contact with heated surface and rolls.

- Fail-safe brake stops roll quickly by manual or automatic control.
- Rolls are automatically raised in the event of a power interruption to avoid scorching of flatwork and ironer padding. Additionally, ironers with 32" rolls can be lifted up to 15 ¾" out of the chest by pneumatic pressure cylinders for easy cleaning and padding.
- The ironer starts with roll pressure relieved, reducing starting torque and ampere inrush.
- Standard canopy prevents foreign objects from falling between rolls.
- Braun's expansion tank shield is a man-safe device, which is easy to remove for tank access and routine maintenance.

## OPTIONS

- Voltage  
380 volt – 3 phase – 60 cycle (Transformer)  
600 volt – 3 phase – 60 cycle (Transformer)  
380 volt – 3 phase – 50 cycle (Transformer)
- Propane gas fired thermal fluid heater
- Vacuum assist feeding option with 120" or 130" working width
- Polycarbonate clear side access panels
- Color other than Braun blue

## IRONER ENERGY EFFICIENCY... DON'T BE MISLED!

Using the simple relationship of oil temperature to chest temperature, all thermal ironers exceed a 90% efficiency rating. This is not an overall systems energy consumption efficiency measure. This is only the ability of the hot oil to release its heat energy to the sheet. This is true of thermal fluid in general and qualifies known industry advantages of thermal oil over steam ironers. Don't be misled – this measurement of heat transfer is not a measure of system efficiencies.

## FACTORY SUPPORT

The benefits of a Braun ironer extend beyond the machine. Our clients enjoy easy access to replacement parts, a team of regionally located, factory-trained Braun field service technicians, and FREE 24/7 telephone technical support for the life of the equipment.

## OVERALL DIMENSIONS

Model	Rolls	Heat	Length*	Height	Operating Width	Roll Diameter
1SCT48	1	800,000 BTU	137"	97"	120"/130"	48"
2SCT48	2	1,200,000 BTU	197"	107"	120"/130"	48"
3SCT48	3	1,600,000 BTU	258"	107"	120"/130"	48"



**ISO 9001 CERTIFIED**

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