



DELTA

Flatwork Ironer

DYNAMIC PROCESSING SOLUTIONS!

Braun manufactures the Delta Ironer with deep chest heating and large diameter rolls to apply a superb flatwork finish.

The benefits of a Delta 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!



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DELTA FLATWORK IRONER



Braun Delta Flatwork Ironer

Your standards are high. You want crisp flatwork with a world-class finish, and you demand production rates that won't slow your laundry operation. The Braun Delta Ironer is for you.

G.A. Braun, Inc., manufactures the Delta Ironer with deep chest heating and large diameter rolls to apply a superb flatwork finish. The ruggedly built Delta can include from one to four rolls and is available equipped with either steam or thermal fluid heating. Modular construction allows for the addition of rolls in the field. These Braun design features ensure that ironing production will match the flow of your entire laundry system.

For synchronized operation and maximum productivity, the Delta-Net control system networks the Braun Alpha Spreader/Feeder, Delta Flatwork Ironer and Omega Folder/Cross-Folder. Changeover is quick and easy – enter a pre-set item number (up to 75) and Delta-Net automatically changes speeds, functions and folding sequences to perform at optimum production levels for items as small as pillow cases or as large as sheets and table cloths. And the Delta-Net control integrates the finishing system into the Braun WASHNET® NT system for total laundry integration.

The Delta is Braun-engineered for energy efficiency and ease of operation. Here are just a few of the features that will make the Delta a valuable component in your plant:

STEAM VAPORS

Steam vapors from the drying process are drawn from the perforated ironer roll by powerful, adjustable vacuum fans for optimum drying capacity while minimizing back pressure. The very large 4" outlet bore in the left side roll shafts, which are supported by very large 6.3"-diameter roller bearings, maximizes this drying capacity.



MICROPROCESSOR CONTROL

The Delta microprocessor control precisely measures the ironer speed and displays it for the operator on a digital readout. A key-lock changes roller direction to allow for easy padding.





POLY-CHAIN DRIVE

All Delta Ironers are "Poly-Chain" driven, using a toothed belt with the advantages of Dupont Kevlar fibers and an elastomeric polyurethane compound, which ensure high reliability, low maintenance and no sprockets to wear out or replace. Each roll also features a simplified double reduction speed reducer.

LARGE DIAMETER ROLLS

Delta Ironers rolls are lifted 15 3/4" out of the chest by pneumatic pressure cylinders, allowing easy cleaning and padding. If air pressure or power is suddenly lost, a safety switch automatically locks the roll in its raised position to prevent accidental lowering.

Braun Delta Flatwork Ironer
Large Diameter Rolls lift out to allow easy cleaning and padding.



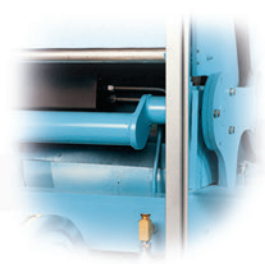
SINGLE INVERTER SYSTEM

Braun's innovative single Inverter System controls the motor and machine speed. As speed is increased or decreased, the inverter automatically adjusts the frequency and voltage of the three phase supplied to the AC motor, eliminating the need for an intermediate drive unit as in competitive designs.



ROLL SUSPENSION

The Delta roll suspension includes a torsion bar to distribute pressure evenly along each roll. This assures uniform drying and travel of flatwork through the ironer with a minimum of padding wear.



The canopy on the Delta Flatwork Ironer prevents foreign objects from falling between the rollers and damaging the ironer chest and padding.

The Delta is available equipped with either steam or thermal fluid heated floating chests, depending on the requirements of your laundry, and have a full angular roll-to-chest contact angle of 170°. The steam chests, gap pieces, and discharge transfer plates are ASME Certified/Stamped, and can operate at up to 229-psig steam pressure. The ironer chest, doors, and rear panels are completely insulated for maximum efficiency. The exterior surface remains man safe, even when the temperature on the ironing surface is 400 F.

Braun feeders and folders plug directly into the Delta, minimizing installation costs and assuring ease of operation. Modular construction allows for the addition of rolls in the field.

SAFETY FEATURES

- Finger guard protection prevents accidental contact with heated surface and rolls.
- Fail-safe brake stops rolls instantly by manual or automatic control.
- Rolls are automatically raised in the event of a power interruption to avoid scorching of flatwork and ironer padding.
- The Delta starts with roll pressure relieved, reducing starting torque and ampere inrush.
- Standard canopy prevents foreign objects from falling between rolls.

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OVERALL DIMENSIONS

Model	Rolls	Heat	Length*	Height	Width	Roll Diameter
1S32	1	Steam	90" 2285mm	73" 1854mm	157" 3990mm	32" 813mm
1T32	1	Thermal Fluid	90" 2285mm	73" 1854mm	157" 3990mm	32" 813mm
2S32	2	Steam	136" 3455mm	73" 1854mm	157" 3990mm	32" 813mm
2T32	2	Thermal Fluid	136" 3455mm	73" 1854mm	157" 3990mm	32" 813mm
3S32	3	Steam	181" 4600mm	73" 1854mm	157" 3990mm	32" 813mm
3T32	3	Thermal Fluid	181" 4600mm	73" 1854mm	157" 3990mm	32" 813mm
4S32	4	Steam	228" 5790mm	73" 1854mm	157" 3990mm	32" 813mm
1S48	1	Steam	108" 2745mm	81" 2057mm	157" 3990mm	48" 1220 mm
1T48	1	Thermal Fluid	108" 2745mm	81" 2057mm	157" 3990mm	48" 1220 mm
2S48	2	Steam	167" 4240mm	81" 2057mm	157" 3990mm	48" 1220 mm
2T48	2	Thermal Fluid	167" 4240mm	81" 2057mm	157" 3990mm	48" 1220 mm
3S48	3	Steam	228" 5790mm	81" 2057mm	157" 3990mm	48" 1220 mm

* Includes drive
Specifications subject to change without notice.



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