



LAUNDRY EQUIPMENT

and "Smart" Systems Solutions



Braun is your single-source
supplier for innovative laundry
equipment and fully automated
"smart" systems solutions.



U.S.A.

ISO 9001 Certified

All Braun Products are Proudly
Manufactured in the U.S.A.

gabraun.com

YOUR BUSINESS PARTNER IN GROWTH

VISION

Industry leader in providing value added solutions to our customers through the design, build and manufacture of “smart” laundry and textile equipment and support services.

QUALITY POLICY

By partnering with our suppliers and developing a continual improvement culture within our organization, G.A. Braun, Inc. is committed to providing our customers with industry-leading quality products and services that meet their requirements and enhance their level of satisfaction.

COMMITMENT TO EXCELLENCE

- Commitment to Total Quality and Customer Service
 - Delivery – Speed to Market
 - Client Support Strategy
- Innovative Engineering/Technology
- Focused Manufacturing Strategy



Since its founding in 1946, G.A. Braun, Inc., has led the industry in innovation and reliability. Braun built the first high volume washer/extractor, introduced anti-vibration suspension systems, created the first pass-through/clean room system for hospital laundries, and pioneered the use of microprocessors and Windows®-based computer controls in laundry machines.

Testifying to their reliability, early Braun machines are still working, setting new endurance records every day. Braun construction and materials are unmatched in the industry. With innovation and stamina built-in, Braun machines perform at peak levels for extraordinary lengths of time.

Braun excellence begins even before the sale, as we consider how and where machines will be used, and give our best advice on how to place, maintain and maximize their benefits. Braun service follows...fast and knowledgeable. Our field staff is always on call.

Braun serves commercial, on-premise laundry and textile industries worldwide, and leads the industry in computer-controlled and networked "smart" laundry systems.

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SMOOTHFLOW® BATCH TUNNEL WASHER SYSTEMS

Braun SmoothFlow Batch Tunnel Washer systems are available in processing capacities of 100 – 150 lbs. and 200 – 220 lbs. Throughout its continuous processing, the Braun Tunnel Washer delivers consistently clean goods with error-free batch transfer. The one-piece, single-drum design is proven in hundreds of installations worldwide.

Braun tunnels operate with the mechanics of an open helicoid process unlike tunnels using a true achimedial screw. This, coupled with our positive transfer process, prevents roping and jamming providing the most superior transport capability on the market. With unparalleled mechanical action, each chamber washes with a similar level of mechanical action as an open pocket washer for exceptional wash quality.

The Braun design incorporates unrestricted counterflow in the main wash zone and separately in the rinse zone – with the cleanest water in contact with the cleanest laundry – using water turbulence to provide wash solution exchange without damage to the goods. Savings are maximized through internal water and energy recovery, maintaining controlled water temperatures and chemical concentrations within each specific wash zone.

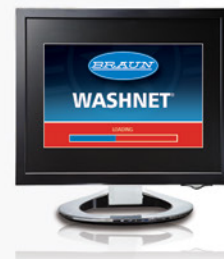


Receiving the clean laundry from the tunnel, the **Braun SmoothFlow Batch Press Extractor** uses advanced hydraulics to maximize extraction efficiency and minimize dryer cycle times.

A nesting shuttle then either carries extracted materials to the appropriate dryer, where the proper dry formulas are automatically programmed in, or takes designated linen to a dryer bypass station for transport to the finishing area.

Fast dry times and energy efficiency are the hallmarks of **Braun Pass-Thru Batch Dryer Systems**. These dryers maintain basket temperatures accurately throughout the entire drying cycle. In addition to outstanding performance, the Braun SmoothFlow Dryer is designed for durability, ease of maintenance and a compact footprint. Following the drying cycle, the dry goods are automatically discharged onto an unloading conveyor or into a cart which terminates at the appropriate processing area.

Operation of the Braun tunnel, shuttles and dryers is managed from one master control station using **Braun's Washnet® Laundry Management software solution**. This software links the microprocessor controls of each machine so the Data Management PC can program, control and monitor the real-time operations. The system manager accesses information via an easy-to-use interface.



Braun's software keeps management up-to-date on the current status of each Braun component. The software provides easy programming and downloading of formulas, plus process/data accumulation, troubleshooting, and all machine status reports, real time, remote and historical. The Braun help desk can provide troubleshooting and support from Braun headquarters via modem or web access.

This software runs on a Microsoft® Windows® platform. You can integrate multiple client PC's into the control system to monitor processes from alternate locations.



OPEN POCKET SYSTEMS



The Braun Open Pocket System realizes the benefits of automation using **Braun Open Pocket Washer/Extractors**.

Available in capacities of 200, 450 and 650 pounds, Braun Open Pockets are designed to meet the productivity and capacity requirements of your operation. Braun's 450 and 650 lb. machines offer the largest processing capability in the industry per allocation of floor space. This is significant as operators look to maximize their productivity in their existing facilities. All are engineered for ease of maintenance, offer two-way tilting and isolate vibration

Touch Screen Controls Standard on all Braun Open Pocket machines, touch screen controls are simple, intuitive and easy to use.



- ← Increment
- ← Stop
- ← Auto
- ← Silence
- ← Conveniently located USB flash drive to simplify program loading and backup.

In a fully automated Open Pocket System, each washer is equipped with an auto load chute designed to allow automatic loading of the washer/extractors from an overhead rail system.

The **Braun Loose Goods Shuttle** automates washer/extractor-to-dryer transfer. The shuttle automatically travels to the Braun OP, aligns and accepts the discharge from the tilting machine. The shuttle then finds and loads the next available dryer, or takes designated linen to a dryer bypass station for transport to the finishing area. See our complete line of shuttles in the "shuttles and safety systems" section.

The next stage of the system is a series of **Braun Pass-Thru Dryers** and an automated dryer-unload conveyor which transports goods to the appropriate processing area.

Of course, the entire Braun Open Pocket Washer/Extractor System is controlled from one master control station managed by **Braun's Data Management software**.



PLAN YOUR SYSTEM WITH BRAUN

To start planning a Braun Automated System tailored to your needs, consult the Braun representative in your area. The Braun team will use their years of integration expertise to assist you in developing the most efficient laundry system available today.

WASHER/EXTRACTORS

These machines offer the largest processing capability in the industry per allocation of floor space. This is significant as operators look to maximize their productivity in their existing facilities.



450 N2

The washing capacity of a 450 lb. with a width of just 89 inches.

450 N2 Open Pocket Washer/Extractor

More washing capacity in less floor space! This unique 450 lb. Open Pocket Washer/Extractor is constructed with a small footprint of only 89 inches, and can be easily integrated into a variety of plant layouts. The Braun 450 N2 is ideal for laundries with limited space or laundries that want to make the most of the room they have. Like all Braun products, it includes state-of-the-art system controls and laundry management software. Whether used as a stand-alone open pocket washer/extractor, or integrated into a fully automated complete open pocket laundry system, the 450 N2 is known for its versatility, efficiency and reliability.

The Braun Open Pocket (OP) Washer/Extractor is known for its versatility, performance, efficiency and reliability. Available in capacities of 200, 450 and 650 lbs., and incorporating a high G-force extract, Braun Open Pockets are designed to meet a wide range of production requirements.

Braun Washer/Extractors can be networked to Braun's Data Management software, maximizing your laundry efficiency with full system programmability from one control station.



250 N2



Touch Screen Controls

All Braun Open Pocket Washer/Extractors feature touch screen controls. These controls are simple, intuitive, and easy to use.

- ← Increment
- ← Stop
- ← Auto
- ← Silence
- ← Conveniently located USB flash drive to Simplify program loading and backup.

Operators can pre-program and time every cycle and water temperature and level to an exacting degree.

All Braun Open Pockets stand on Braun Neutron® Suspension and are equipped with Variable Speed Drive (VSD) for smooth acceleration, optimum balancing of wash loads and precise selection of the most efficient laundering speeds. Our variable speed drives utilize a single motor which minimizes wear of components and simplifies maintenance.



650 N2

Open Pocket Washer/Extractor with the washing capacity of 650 lbs with a width of just 106 inches.



WASHER/EXTRACTORS



The Braun Top/Side Loader (TSL)

Washer/Extractor works with gravity to speed loading and unloading. For easy loading, the Braun TSL exposes the cylinder door opening directly to the line of gravity. At the end of the cycle, Braun provides obstruction-free, fast, gravity-assisted unloading.

Versatility is yours with two- and three-pocket configurations in capacities of 200, 400 and 600 lbs., and four- and six-pocket configurations in 800 lb. models. Each model rests on Braun Neutron® Suspension and is available with options such as water re-use and wrinkle arrest.

The Braun TSL Medicare Washer/Extractor is designed for the health care industry or clean room applications—soiled laundry loads on one side, clean laundry unloads the other. A full barrier wall and our patented Mediflow negative air-flow system prevents cross-contamination.



The Medicare is available in 200, 400, 600 and 800 lb. models.

Split Panel Control Box

The dual panel control box on Braun Washer/Extractors is an exceptional safety feature which separates the high voltage from low voltage components.



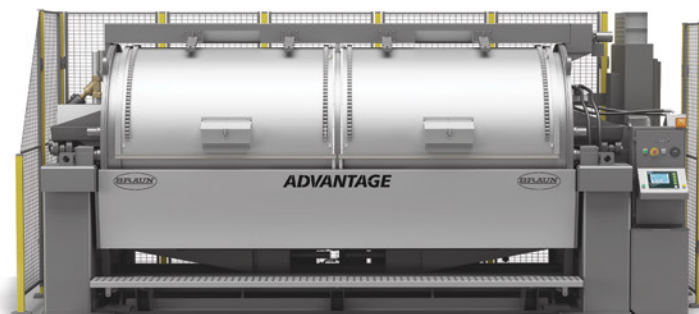
Chemical Integration

- Chemical Integration boxes are standard on all Braun Top Side Loaders Washer/Extractors
- This feature provides an input and output module for chemical companies to tie into Braun machines without having to access the control box. This helps to avoid interference with the machine controls and any related machine downtime as a result of any potential interference.



Advantage Tilting Side Loader® The Braun Advantage 900 lb. Side Loader is available in a four pocket configuration. These machines are engineered with the same structural integrity and reliability of all Braun washers and feature superior mechanical action as our Open Pocket washer/extractors.

Braun side loading machines also feature the same simple to use, color touch screen controls as all other Braun machines. They are not third party outsourced as competitive machines.



This provides consistency in manufacture and direct support from Braun's factory.

The Advantage can be either sling loaded or chute loaded from overhead and is ideal for plants processing goods within all laundry market segments.



The Braun End Loader (EL) Washer/

Extractor is a heavy-duty, dependable workhorse available in 100, 200, 300 and 400lb. models. Simple drive design and operating economy keep your costs low.

All Braun End Loaders feature Braun Neutron® Suspension.

Touch Screen Controls

Standard on all Braun machines, touch screen controls are simple, intuitive, and easy to use.

Operators can pre-program and time every cycle and water temperature and level to an exacting degree.



DRYERS



300 PT

This configuration is utilized in a stand-alone situation or in a fully automated Open Pocket System and delivers years of dependable, productive service.



500 PT

This configuration is utilized in a stand-alone situation or in a fully automated Open Pocket System.



500 PT

This configuration is utilized in a Tunnel System.

As stand-alone units or key components in a fully automated system, **Braun PT Pass-Thru Dryers** are available in capacities of 300, 500 and 700 lbs., and deliver years of dependable, productive service.

The computerized controls are fully programmable, accurate to 1.0 degree and completely self-diagnostic, and monitor both inlet and outlet temperatures, continually making precise flame adjustments to keep the dryer environment at the programmed temperature.

Braun PT series dryers use a linear heat source to evenly distribute heat along the full depth of the dryer basket, eliminating low temperature areas. Full burner modulation results in precise basket environment temperatures, delivering consistent drying, evenly distributed heat and outstanding resource utilization, while full body insulation increases thermal efficiency and provides a more temperate, quieter workplace.

Our swing-out door design allows for easy access to the dryer basket and seals for maintenance and inspection. →

Braun 700 PT Dryer

This dryer completes the PT series that includes dryers with the capacities of 300, 500 and 700 pounds. As a group of fully modulated, computer-controlled dryers, these products include a simple drive train for easy maintenance adjustments and a large polychain belt drive that ensures years of reliable power transmission. More importantly, they have the ability to operate as stand-alone units or as key components in a fully automated system. During the development and manufacturing of the Braun 700 PT, engineers utilized extensive alpha and beta

testing and state-of-the-art 3D modeling and finite element analysis (FEA) to ensure the structural integrity of all machine assemblies. In addition, computational fluid dynamics (CFD) were used to help streamline airflow and eliminate eddy currents, creating a more uniform temperature distribution throughout the basket and improving dryer efficiency. Based on the technology used during product development, as well as size, efficiency and design, the Braun 700 PT could transform the entire dryer market.



DRYERS



Touch Screen Controls

Simple, intuitive and easy to use touch controls



- ← Load
- ← Unload
- ← Start
- ← Cool
- ← Conveniently located USB flash drive to simplify program loading and backup

PT Chute Load Dryer

Braun PT dryers are available with a **patent pending** chute loading system. In this system, sling bags are released and positioned over the chute on the dryer and dropped into the dryer for processing. This system provides for great flexibility with respect to washroom configuration, and there is no limit on the goods types that can be processed.



Optional Roll-Up Door

An optional low-ceiling, roll-up door for low clearance installations is also available on all PT Series Dryers.

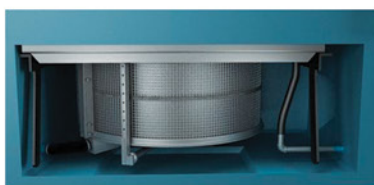
Lint Collection System

Braun PT Series dryers feature a lightweight, easy to remove lint collection system. Unlike others, this system does not require manual cleaning! The system automatically blows down the lint from the collection basket and removes it to the collection unit outside the dryer at the beginning of each cycle. This is accomplished by utilizing a high-efficiency air knife.

Braun's lint vacuum and canister are on casters for easy mobility and can be used on all Braun dryers with internal lint collection systems.

The 55-gallon lint canister is made of tough and durable resilient material (unlike others made of fiberglass that can easily shatter and break if dropped).

The lint vacuum port and blower exhaust were engineered to be easily rotated. This offers more flexibility to where the lint vacuum can be positioned within the laundry facility.



Key Features

- New faceplate door design for improved sealing and efficiency
- Coaxial or split ducting available
- 4-foot line burner controlled by precision burner controls for uniform heat distribution
- Plug and play wire harness for quick and easy connections
- Common parts between 500 PT to reduce costs, inventory and confusion across the dryer line
- Superior, patented lint collection design
- Robust, forged machine basket rings to improve basket strength and precision
- 304 stainless steel basket with removable panels and doors
- Optional coated panels are available
- 24V PLC controls with flash card memory



DRYERS



300 PBS
Non-Chute
Load Dryer



The **Model 123H** offers capacity up to 425 lbs. and is favored among linen suppliers, larger hospitals, hotels, diaper services and industrial plants where 400 lb. loads are the standard. Special features include longer heat travel for the most uniform heat input in the industry and an easily changeable track-type basket seal.

Key Features

- Norco ring design burner assures uniform heat distribution with lint-free design and no moving parts.
- Heavy 11-gauge burner duct system mixes incoming air to prevent hot spots.
- Self-cleaning positive air flow blowers draw controlled air volume through load, regardless of size. Non-clog design prevents lint accumulation.
- Large door openings, hydraulic tilt system (back tilt of 20" or more, forward tilt up to 18") and basket jog switch facilitate fast and efficient loading and unloading.
- Basket reversing switch offers bi-directional cylinder operation, useful when drying large items that may rope together.
- Complete fireeye flame safety protection system.
- Door and tilt safety switches prevent startup unless machine is in proper running position with door closed.
- Individual motor starters provide protection for each motor. Interlocks assure instantaneous burner lockout.
- Pressure type safety switch prevents burner ignition without exhaust and combustion blowers operating.
- Adjustable high limit temperature Control cuts burner fuel supply (basket and blower remain operating to cool load).

Braun SmoothFlow® Automated Dryer Model 300 PBS

Braun dryers utilize a linear heat source. This provides evenly distributed heat along the full length of the dryer basket ensuring even, efficient drying throughout. The computerized controls are fully programmable, and completely self-diagnostic continually making precise adjustments to keep the dryer environment at the programmed temperature.

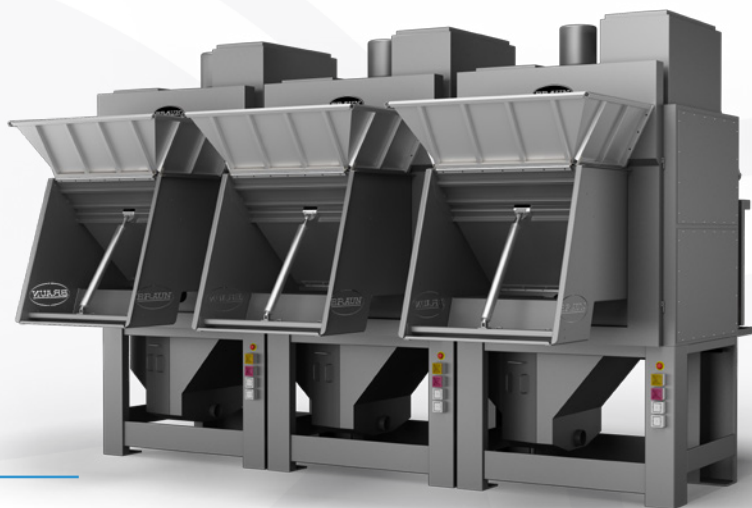
Key Design Features

All doors, basket ribs and basket perforated panels are made of 304 stainless steel. The on-board lint collection screens are automatically blown down with air knives and the lint is removed via a central vacuum system at the beginning of each dry cycle.

Ease of Maintenance

The SmoothFlow Series Dryer faceplates are hinged so that they can swing out from the dryer shell in either direction to allow access to the basket seal or basket for maintenance without rigging.

DRYERS



300 PBS Chute Load Dryer

Shown here in a side-by-side configuration.

300 PBS Chute Load Dryer

- A true side-by-side, design there is no spacing required with each set of dryers. All dryers are identical no left and right-hand dryers.
- Braun 300 PBS Chute Load Dryers feature a patent pending chute load design and lint collection design.
- The split panel control box is an exceptional safety feature which separates the high-voltage components to meet the NFPA79 arc flash protection requirements.
- Non-tilt design provides for fewer moving parts and improves load and unload times
- Ideal for laundries with limited space

Key Features

- Extensive use of data-management tools through WASHNET®.
- No-tilt pass-thru design — fewer moving parts.
- Microprocessor-controlled modulating gas valve maintains basket temperatures accurately throughout the entire drying cycle.
- Line-style gas burner with a combustion air blower does not require a combustion filter.
- Computerized controls are fully programmable and completely self-diagnostic.
- Continually makes precise adjustments to keep the dryer environment at the programmed temperature.
- Central lint vacuum system.
- Designed for easy access to all components to simplify maintenance (hinged face plates, access panels on basket, drive, doors and seals).

300 PBS Non-Chute Load Dryer



300 PBS

Steam Dryers

are available in both chute load and non-chute load configurations.



SHUTTLES AND SAFETY SYSTEMS



SafeLoad Shuttle System® significantly enhances wash room safety! The chute load provides operators a safe means for loading and unloading open pocket washers and dryers, virtually eliminating hazards associated with semi-automated and automated wash alleys.

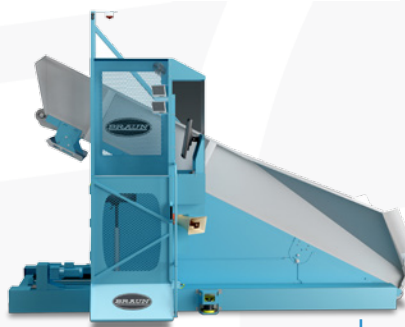
SafeLoad Shuttles feature a hydraulically controlled loading device. Mounted onto the shuttle, it allows the operator to engage it into the washer door opening. Once engaged, the operator can then control the goods bag to open and automatically drop through the loading device into the washer.

Loading washers has been determined to present the greatest safety risk in the semi-automated wash floor. This system eliminates the need to manually push bags into a washer/extractor.

This system is available with a “cockpit” for ride-on operation, or with a remote control panel. Both facilitate continuous processing.

Scanner

- The scanner safety device ensures that the shuttle’s motion will come to a complete stop in accordance with OSHA and ANSI safety requirements.
- This system is capable of establishing multiple operational scanning zones to optimize productivity while eliminating hazardous motion safety concerns.



SafeLoad Shuttle System®
Also available in a non-ride-on configuration

Loose Goods Shuttles are available in the following models:

OPSH44 for 200-500 lb. wash floors
OPSH66 for 500-700 lb. wash floors

They are engineered for the Braun 200 lb., 450 lb., and 650 lb. Automated Open Pocket Washer/Extractor Systems with auto or manual functionality.



Loose Goods Shuttles

The shuttle automatically travels to the washer/extractor, aligns and accepts goods from the tilting machine. The shuttle then travels to the next available dryer where it automatically advances the goods and loads the dryer.

Braun Nestings Shuttles are available for Braun’s 100–150 lb., and 200–220 lb. batch tunnel washing systems.

Braun Nesting Shuttles store and transport extracted cakes from the extraction press to the dryer and convey dried textiles to finishing and sorting areas, meeting the demands of any plant layout.

These automated delivery systems can include single or multiple elevating shuttles, depending upon individual needs.

Smooth, Error-Free Transfer of Goods

- The ergonomics of loading and unloading Braun tunnels and dryers is greatly enhanced.
- Braun’s inverter driven Smart Shuttle System basically eliminates much of the heavy work, providing a safe, smooth, error-free and complete transfer of goods.

Safety Devices

- Bumper and tape switch safety devices are standard on Braun Loose Goods and Nesting Shuttles. Scanners are available as an option. They ensure that shuttle hazardous motion will come to a complete stop in accordance with OSHA and ANSI safety requirements.



Nesting Shuttles

MANUAL SAFELOAD SYSTEM®



Junction Box/Spin Spray

The spin/spray can be chosen from a junction box mounted on the washer.



Washer Level Indicator

The level indicator is used to help gauge the proper elevation for the washer being used.

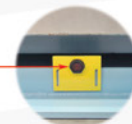


Transmitter and Receiver Functionality

A transmitter is mounted on the Manual SafeLoad system and a receiver mounted on to the washer. This allows the operator to wirelessly activate the basket spin/spray on the washer.



Transmitter Mounted on Manual SafeLoad System



Receiver Mounted on Washer

Manual SafeLoad System® Designed to support the loading of washers in a manual wash aisle operating environment. This shuttle removes the potential for serious injury to the operator from pushing bags into a moving washer cylinder.

Design Features

- Patent-pending solution ideal for manual wash rooms with rail height restrictions and narrow wash alleys.
- Addresses safety issues of loading washers/extractors by hand.
- Uses Braun's proven conveyance and loading technology.
- Prime mover is powered by a dry cell battery which also powers the conveyor and bed lift actuator.
- Adjustable for varying washer heights for Braun and non-Braun machines.
- Addresses ergonomic issues.
- Potential for increased productivity over existing loading techniques.
- Prime mover is equipped with a travel horn and a built-in backup crush provision.

- Plugs into a standard electrical wall outlet.
- Full Visibility—operator has full visibility around the device when it is in a horizontal position.



Controls

The left side push button switches elevate the conveyor bed up and down

The right side control features a spin/spray activation for loading

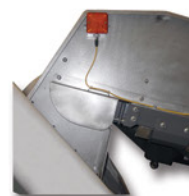
items such as mats, terry cloth and sheets. This is always activated during the loading process.

The toggle switch changes the direction of the conveyor bed forward or back.



Pinch Points

Potential pinch points are guarded to increase operator safety.



Safety Lights

Safety lights are activated when the device is powered on.

This shuttle removes the potential for serious injury to the operator from pushing bags into a moving washer cylinder.

FLATWORK FINISHING SYSTEM

The **Braun Flatwork Finishing System** features outstanding productivity and versatility with the ultimate in ease-of-operation. The three main components – the Spreader/Feeder, the Ironer and the Folder/Cross-Folder – are integrated into a single system which can be programmed with one-button classification selections. This integration allows the components to perform as one unit.

Within the modern laundry industry, the Braun Flatwork Finishing System may consist of any number of Braun's wide variety of automatic folders, stackers and conveyor lines.

The **Spreader/Feeder** brings your line up to speed smoothly and swiftly with error-free automatic centering of large pieces to optimize the performance of your ironer. For smaller items, it can run in up to a five-lane small item configuration. All models have touch screen controls, variable speed conveyors and multiple feeding stations. For maximum productivity, each station monitors operators individually.

The **Ironer** delivers crisp flatwork with a world-class finish. Speed is precisely measured and displayed on a digital readout. The inverter-type, variable speed, poly/chain drive is quiet, clean and slip-free. For ease of routine maintenance, high roll lifting provides easy access.

The **Folder/Cross-Folder** folds items to 1/4" accuracy, delivering hand-folded quality with speed and consistency. The inverter, poly/chain drive system ensures clean, quiet operation and low maintenance. Automatic rejecting of torn or stained pieces maintains quality control without sacrificing output. Equipped with the Flatwork Stacker and/or Small Piece Accumulator, the Folder/Cross-Folder maximizes time and manpower savings.

All three machines can be programmed to perform in unison; with all speeds, functions and fold sequences perfectly matched. Changeover is quick and easy – enter a preset item number (up to 75) and automatically change 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.

The **Braun Flatwork Finishing System** brings maximum output to the finishing process with all machines synchronized and working together.

If an error should occur in the ironer or folder, all preceding machines shut down and quickly reset to continue high-speed production.



Fingertip touch screen controls and 75 possible programs mean that an operator at one location can set all pieces of equipment quickly and easily to meet the needs of incoming linen.

Additionally, our controls offer a bilingual (English/ Spanish) interface with the push of a button at any point in the program.

As with all our products, the Flatwork Finishing System is backed by the workmanship and service that have made Braun the worldwide leader in the laundry industry.

SPREADER/FEEDERS



The Precision Series® Spreader/Feeder serves a wide variety of flatwork laundry processing needs including hospitality, healthcare, commercial linen, and general industrial laundries.

Unique to this multi-purpose spreader/feeder is the single motor servo spread drive technology coupled with our new spread detection and speed synchronized spread belts. Single point transfer and positive center point spreading assures minimal drops and accurate centering of each item fed to maximize line productivity.

Ruggedly designed and simple to use, this spreader/feeder's standard configuration with three operator stations and production line speeds of 125 FPM is ideal for today's high-volume laundry environments while providing exceptional quality.

The Braun Dual Deck, High Volume, High Production Spreader/Feeder is the industry's fastest. Equipped with four feed stations and dual spreading decks it can overlap flatwork at speeds of up to 180 FPM. For maximum productivity and high-speed operation, this is the model of choice.



VACUUM FEEDER



The Braun SpeedVac® Feed Table

has been configured with dual vacuum boxes to ensure that the pieces being fed are taut and aligned. The second vacuum box, positioned under the carriage, draws apart the flatwork and spreads it flat, maintaining a non-skewed trailing edge. No pressure wheels are required to keep the piece in contact with the conveyor.

The vacuum boxes are adjustable, allowing the operator to make changes for optimal performance with different classifications of flatwork.

The inside working width of the Braun Vacuum Feed Table is 130 inches, with a feed height of 39 inches.

Caster mounted for ease of mobility, the vacuum feed table is designed to work in front of a flatwork ironer. It can also be set up for speed synchronization with the ironer.

FLATWORK IRONERS



Braun Flatwork Ironers

meet high standards with both high production rates and a world-class finish.

Deep chest heating and large diameter rolls – your choice of 32" or 48" – produce crisp flatwork. This machine is available with one to four rolls and can be equipped with either steam or thermal fluid heating. Torsion bar suspension keeps roll pressure even for uniform drying and minimal padding wear. Adjustable vacuum fans provide optimum drying conditions. To increase production, additional rolls can be added in the field.

The **Ironer Control** precisely measures ironer speed and displays it for the operator on digital readout. Work flow can be synchronized throughout the entire finishing system with our advanced inverter-type variable frequency drive.

The Braun Ironer is engineered for

energy efficiency and ease of operation with numerous safety features. Braun craftsmanship ensures efficient ironing of goods from the day of installation through years of operation.

Braun Self-Contained Thermal Ironers

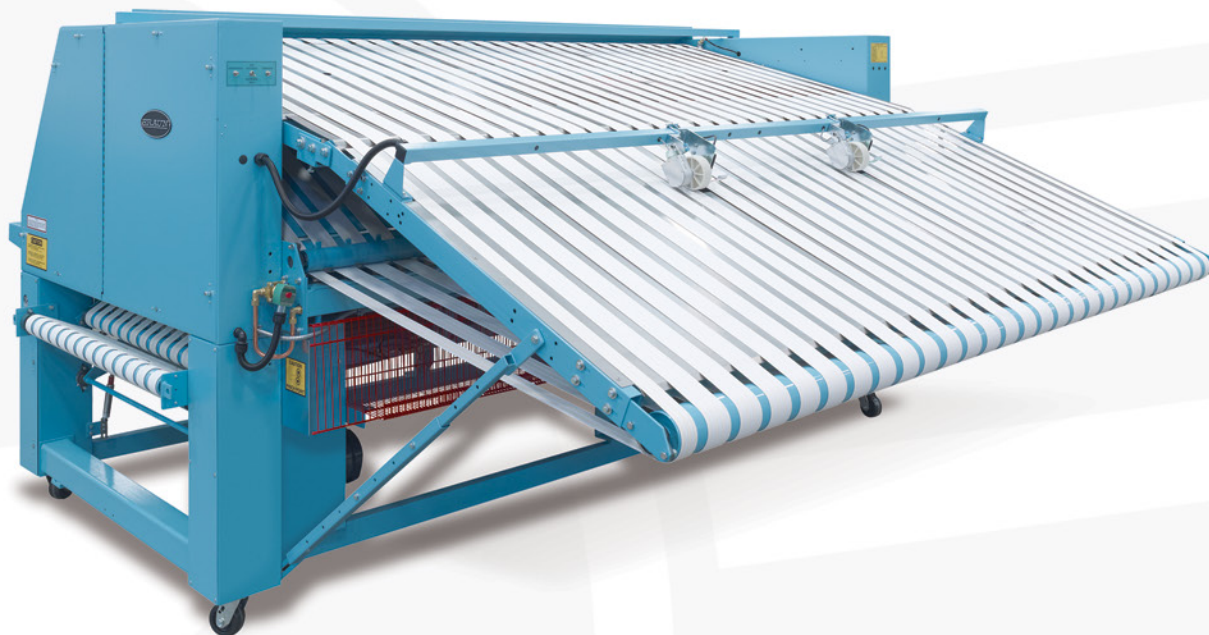
are ideal if you operate a laundry needing a new ironer and do not want to change your existing boiler or add a new one and if you are looking for an energy efficient option!

Available in one or two 48" roll models, Braun Self-Contained Thermal Ironers are built with the same rugged but simple design as our conventional ironers, offering deep chest heating and large diameter rolls to apply a superb flatwork finish.

Braun Self-Contained Thermal Ironers feature canopies mounted on a slide track for easy removal and roll access. Additionally, all pipes, chests and side frames are insulated to minimize heat loss and maximize system efficiency.



FLATWORK FOLDERS



The **Folder/Cross-Folder** delivers hand-folded quality with Braun reliability.

The automatic folding sequence makes two or three primary folds in flatwork as large as 130" x 120" or as small as 12" square. Then this folder makes up to three cross-folds, keeping selvage edges neatly folded inside.

Control

The control on the Folder/Cross-Folder is field programmable with up to 99 programs to make the exact series of folds for each flatwork classification.

Dynamic Fold Feature

The folder is programmed to determine whether an item should get 2 or 3 cross folds on the fly. This feature allows for different sized goods to be processed without changing programs. This includes queen-size, king, and full-size sheets, one after the other.

The Folder/Cross-Folder can be specified for left-or right-side discharge to suit the

needs of your facility and is available with one- to four-lane primary fold capability and one- or two-lane cross-fold capability.



The optional **Small Piece Accumulator** drapes small items on a bar until a pre-determined stack count is reached. This allows the operator to quickly collect accurately counted bundles of finished goods.

The accumulator is microprocessor controlled with complete on-board

diagnostics for trouble-free operation. Easily retrofitted to any Braun Folder Cross Folder, the unit is also available freestanding for use directly behind the ironer.

Optional **Flatwork Sorting Stackers** save labor and maintain fold quality as they automatically sort, separate and stack flatwork from a continuous flow of differently sized items.

On the line, the stackers sit side-by-side, accepting flatwork items or passing them on until each piece reaches the stacker programmed for its particular size. Up to four stackers can be arranged in this manner and are easily field retrofitted to an existing Braun Folder Cross Folder.

Optional **90 Degree Swivel Conveyor**. This Folder/Cross Folder can also be ordered with a 90 degree swivel conveyor.

SMALL PIECE FOLDERS



Small Piece Folders are ideal for small items such as towels, pillow cases, underpads, scrubs and patient gowns. Each folder provides a variety of folds and stacks items to specific quantities. All models feature microprocessor controls, precise item measurement, capability for French primary folds with cross-folds in halves, thirds or quarters, automatic stacking, plus automatic stain-torn reject and electronic jam shut-off.

The **Braun Small Piece Folder, Return-to-Feeder Configuration**, brings Braun performance to the smallest spaces. Smart, fast and compact, it makes efficient use of floor space and allows one operator to easily feed and unload the folder.

The **Braun Sorting Small Piece Folder**, in double & triple sort configurations, handles single-wash loads with items in two or three sizes, automatically adjusting for width of fold or size-specific fold, then stacking items according to size.

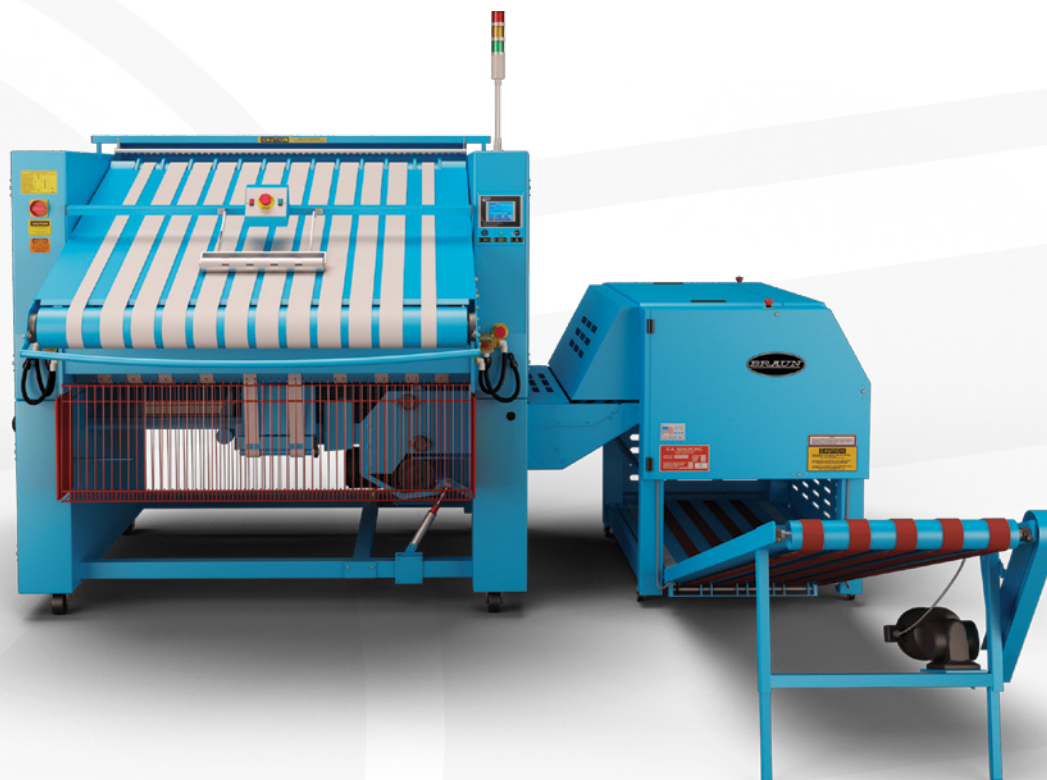


The **Braun Small Piece Folder, Rear Discharge Model**, provides the same quality of fold as the Return-to-Feeder model, but discharges goods to the rear of the unit. Rear Discharge Small Piece Folders can process as fast as your operators can feed, for the highest production rates in the industry. Depending upon the model you choose, Braun Small Piece Folders can process in excess of 1200 items per hour.

All Braun Small Piece Folders come standard with 24V DC solid state circuitry with troubleshooting capability and touch screen controls.



BLANKET AND KNITTED FITTED SHEET FOLDERS



The **Braun Knitted Fitted Sheet Folder** offers many of the features of our popular Folder/Cross-Folder, in a compact size. Designed for knit flatwork, fitted sheets, bath blankets, thermal blankets and airline blankets that require no ironing, the Knit Sheet Folder offers outstanding performance.

Controls monitor the entire process, and caster-mounting allows the compact Knit Sheet Folder to fit almost anywhere, and move in and out of service as required.

A compact folder/cross-folder and stacker in one unit, the Blanket & Fitted Knit Sheet Folder can handle items as large as 55" x 90", fitted sheets, bath (flannel) blankets, and thermal blankets, all with Braun precision, speed and reliability.

This folder makes two primary folds and two cross-folds; all folds are knife through pinch roll and are adjustable to within 1/4". The infrared LED, photo-electric sensors have no reflectors and won't be fouled by lint.

The bilingual capable (English/Spanish) control is field programmable with up to 75 available settings, so you can make the exact series of folds for each item you are processing.

When operating with a Braun Stacker (optional), the settings such as stack count and conveyor advance can be adjusted simultaneously from the Blanket Folder. This saves time and reduces user interface with the equipment.

Another option is the five high feature. This allows for stacking of up to five thermal blankets.

SMALL-PIECE ACCUMULATORS



■ *Napkin Accumulator*

The **Braun Napkin Accumulator** is a caster-mounted accumulator for use behind almost any flatwork ironer. Designed for synthetic fabrics such as spun-poly, it accumulates small flatwork goods, such as table napkins, at the rear on dual storage rods in each lane. The accumulator has been configured to take the napkins off the ironer and drape them in half over the storage rods in stacks of up to 25.

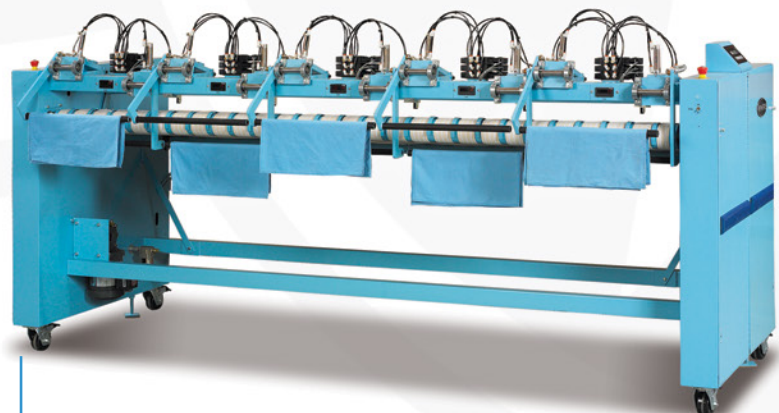
The Napkin Accumulator, operating with a primary folder or folder/cross-folder, is 120 inches wide and is capable of accumulating pieces as large as 24" x 24".

It is available in a 4 or 5 lane configuration and in an optional 130" working width.



The **Braun Small-Piece Rotary Accumulator** operates as an integral part of a primary folder or folder/cross-folder. Mounted above the bypass table across the back of either the primary folder or folder/cross-folder, the rotary accumulator utilizes the folders infeed conveyor to move goods from the flatwork ironer discharge.

This Accumulator is ideal for draping and stacking small-piece ironed cotton, polyester/cotton, or spun polyester flatwork. Each item is automatically measured to provide accurate accumulating/draping of various sized items from 12" x 12" to 28" W x 36" L. It is available in 4 or 5 lane configurations.



■ *Small-Piece Rotary Accumulator*

LAUNDRY OPERATIONS SOFTWARE

Washnet® Decision Support Laundry Management Software System



Washnet® is Braun's laundry business support data management software solution which aids end users in the strategic planning of their process environment. This extremely powerful tool allows operators access to real-time performance information and metrics so that they can take a proactive role in the management of their facility. This system also provides Braun's service support center and client business managers the ability to access this same performance information remotely.

Washnet supports two laundry systems: conventional washrooms and batch tunnel systems.

Features and capabilities overview

- Real-time performance data at the fingertips of operational personnel.
- Displays the status of every washer/extractor, including unloading, stop or off, present formula step in operation, plus formula name and number.
- For quick evaluation of washroom performance, collects data on total loads per machine, total poundage processed, unloading and loading time.
- Important production data always available.
- Signals and identifies alarm

conditions per machine so any potential problems can be resolved quickly.

- Helps to identify potential valve, water supply and boiler problems by monitoring and accumulating data on water fill and heating rates.
- The system and individual machines can be configured from the master control station.
- Protects sensitive data by user-programmable passwords.
- Remote troubleshooting with the use of an optional modem or Virtual Network Computing (VNC) access.
- Color coded production rate status can be displayed for quick recognition of problems.

SPECIFICATIONS

General

- Windows® Compatible (2000, XP)
- Quick access to important information
- Four levels of password protection
- Remote access for troubleshooting and training via modem or VNC access
- Ethernet network capable for the highest reliability and speed

Equipment Status

- (Overall System Status Screen)
- Multilingual capabilities
- Real-time machine status
- Daily production totals available per machine
- Alarms displayed in simple, meaningful text

Machine Dependent

- Real time temperature graphs

Centralized Programming

- Formula programming from one location
- Download formulas and machine configurations
- Transfer configurations between machines
- Copy formulas to create new formulas quickly
- Auto backup utility and auto logging of formula changes

Automatic and Manual Functions

- Handles interfacing and control between system devices
- Optimizes wash flow through wash alley
- Passes codes between devices as linen travels
- "Hands Off" operation
- Removes equipment from automatic operation without affecting the entire system
- Operator can manually control loading/unloading priorities
- Manual navigation of shuttle to position based on machine number

Decision Support Features

- Fully integrated system data accumulation
- Automatic import of data from all networked equipment
- Complete system tracking
- Production Reports
 - Sorted by time, date and shift
 - Sorted by formula and machine number
 - Sorted by alarm type
- SQL Database

PARTS AND SERVICE



Parts Support

When You Need Them, Where You Need Them

As a U.S. based manufacturer, Braun customers enjoy **easy access** to replacement parts. All Braun parts are domestically sourced and supplied with an impressive on-time delivery average of 98.6%! Our parts support specialists are readily available and eager to assist you.

Site Wellness Programs

Protecting Your Investment

The goal of the Braun Wellness Program is to create a relationship that enables our customers' maintenance teams and Braun's service team to work together to keep Braun equipment productive for years to come. This service is designed to augment your captive maintenance program.

Proactive Maintenance Programs

Improving the Life of Your Equipment

Today's business climate has forced a change from reactive maintenance to proactive maintenance; demanding

reliable, strong, and durable equipment and processes. Braun will work with you to develop a proactive maintenance program to improve the life of your equipment and to minimize unplanned maintenance activity.

Field Service

Going the Extra Mile

Braun's field service organization is unique to the laundry industry. Our technicians are strategically located throughout the country, so the best possible support for your equipment is never far away. Braun technicians are extensively educated on the latest mechanical and electrical applications to provide the best possible support available in the industry today.

From rigging to equipment installation, on through to customer training, Braun field service technicians are readily available to go the extra mile to help you attain optimal equipment performance and efficiency in plant operations.



Service Support Help Desk

Help is Available Anytime

Unlike other laundry equipment manufacturers, Braun offers their customers access to our **Free 24/7 telephone technical support help desk for the life of the equipment!**

This extraordinary service gives Braun's customers direct contact with our highly experienced team of factory trained service technicians and a level of comfort unmatched in the industry today.

**Braun has the
largest team of
direct field sales and
service technicians
supporting clients in
the U.S.
and Canada!**

BUY WITH CONFIDENCE.

**Certified Pre-Owned
Braun Equipment!**

**Available Where-Is / As-Is
or Remanufactured by Braun**

**If remanufactured, Braun will return
the machine to OEM specifications
with Braun certified parts and
a new equipment warranty!**

Visit gabraun.com/remanufactured-equipment



Before



After



Before



In Remanufacturing Process



ISO 9001 CERTIFIED

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Syracuse, NY 13220-3029

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Fax
(315) 475-4130

Parts Help Desk
1-800-432-7286 X 1

Service Help Desk
1-800-432-7286 X 2



U.S.A.

**All Braun Products are Proudly
Manufactured in the U.S.A.**