



PT DRYERS

State-of-the-art Design
and Efficiency



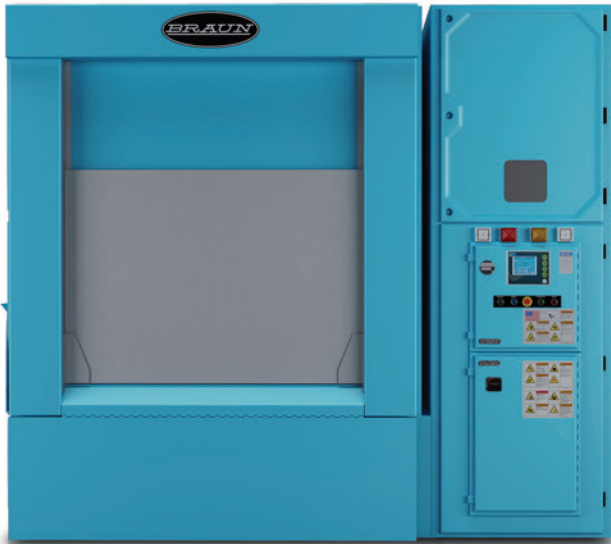
U.S.A.

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PT DRYERS



Available in processing capacities of 300, 500, and 700 lbs. as stand alone units or key components in a fully automated system, the Braun PT pass-thru dryer delivers years of dependable, productive service. Customer demand for lower operating costs and higher productivity have driven industry-leading product innovations at Braun. We produce the most advanced, efficient and compact dryers available today.

Braun PT Dryer
*State-of-the-art
design and efficiency.*

UNIFORM HEAT DISTRIBUTION

Braun PT Dryers feature a 42" direct spark ignition line burner (no pilot) providing uniform heat distribution across the width of the basket. This results in precise basket chamber temperature control, yields fast dry times, consistent quality and outstanding resource efficiency.



Monitoring both inlet and outlet temperatures, Braun PT dryer controls precisely meter the fuel, constantly trimming the amount used, throughout the drying cycle. As the water content in a load decreases, the amount of fuel needed to maintain the programmed temperature decreases.

COAXIAL DUCTING

Braun PT Series Dryers use coaxial ducting to increase efficiency. Unlike a re-circulation duct system, the hot internal coaxial exhaust duct transfers only the heat energy to the cold incoming air, sending the now cooler, moisture laden air outside. Less efficient re-circulation systems dump the moisture that you are trying to remove from the process back in to the goods.

The pre-heated air created by the coaxial ducting decreases the amount of fuel required to heat the basket chamber to the final operating temperature. This way you get a monetary return from the money spent to heat the air in the first place.

Additionally, through the use of sophisticated computer air flow models Braun has been able to optimize the air flow through the dryer which optimized drying efficiency.

Note: Split Ducting is also available on Braun PT Series Dryers

DUAL PANEL CONTROL BOX

The dual panel control box on Braun PT Series dryers is an exceptional safety feature which separates the high voltage from low voltage components. (Meets NFPA 79 arc flash requirements)



← 24 V Control

← Line Voltage

AUTOMATED LINT COLLECTION SYSTEM

Braun PT Series dryers feature a light weight, easy to remove lint collection system. Unlike others, this system does not require manual cleaning between loads! 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 and high power external vacuum system. No manual lint collection is required between loads.



Slide rails assist operators to easily remove the lint collection basket for routine maintenance.

The flex hose, air line, and wire for the linear actuator all feature quick disconnect fittings which also assist operators to easily remove the lint collection basket.

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.

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.

The lint sock catches any particulates that may escape through the vacuum filter. This system utilizes sound suppression technology. Only periodic inspection and maintenance is required.



OPTIONAL ROLL-UP DOOR

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



PATENT PENDING PT CHUTE LOAD DRYER

Braun's chute load dryers feature a patent pending loading system. In this system, sling bags are released and positioned over the chute on the dryer and dropped into the dryer for processing, providing for exceptional turn times and system efficiencies. These dryers provide for great flexibility with respect to washroom configuration and there is no limit on the types of goods that can be processed.



Patent Pending PT Chute Load Dryer

PT DRYER (STEAM HEATED)

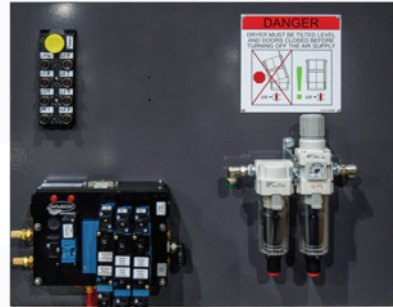
Braun PT Dryers are also available in steam heated configurations. All steam heated dryers feature three steam assemblies to maximize heat transfer, yielding exceptional dry times and dryer efficiency.



PT Dryer
Steam Tower

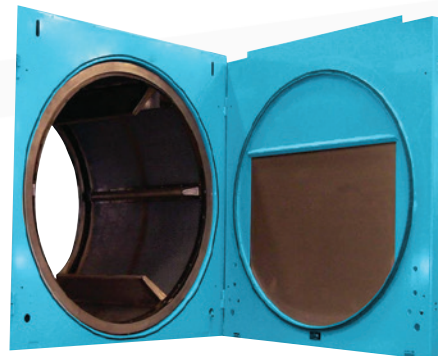
PNEUMATICS

The pneumatics on Braun PT series dryers are simplistic, neat and conveniently located providing easy access for maintenance, and include LED indicators for troubleshooting.



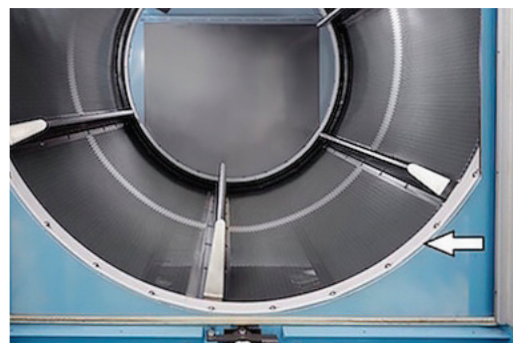
SWING OUT FACEPLATES

Swing out faceplates were designed for easy access to components to simplify maintenance.



GAP RINGS

Gap rings protect goods such as barrier materials from being pulled and torn.



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.



FEATURES

OTHER STANDARD FEATURES

- Dryer Control with 50-formula capacity
- Easy integration to a fully automated Open Pocket or Tunnel System
- Ethernet ready
- Robust forged, machine basket rings to improve basket strength and precision
- Designed using computational fluid dynamics (CFD) to improve airflow and efficiency
- Rugged industrial construction
- Powder coated steel
- Largest door opening in class
- Automatic or manual load and unload
- Gas fired
- Non-clogging main blower
- Filtered combustion air
- Stainless steel basket
- Easy to remove basket perf panels
- Automatic fire suppression system
- Program back-up to USB Drive
- Easy to understand operating controls
- Arc flash protection
- High productivity
- High efficiency
- Pass through
- Stainless steel vertical slide door
- Front and rear operator controls
- Quick access doors and panels
- Swing out faceplates
- Insulated shell for heat and noise
- Plug and play components

OPTIONS

- Available in 3 primary colors
- Custom colors available
- Sling load
- Cake load
- Chute load
- Non-stick basket perf coatings
- Inlet and exhaust duct configuration
- Certifiable low NOx emissions
- Gas usage monitoring
- Steam
- Single door
- Load and unload from same side
- Low ceiling clearance door
- External lint collection
- Coated baskets
- Onboard automatic lint collection and extraction

PT DRYERS

Specifications

	300 PT	500 PT	500 PT Chute	700 PT
Capacity, Dry Weight *	150-400 lbs.	250-600 lbs.	250-600 lbs.	400-800 lbs.
Basket Volume	118 cu. ft.	165 cu. ft.	165 cu. ft.	210 cu. ft.
Door Opening	48" x 44 3/8"	60" x 50"	60" x 50"	60" x 50"
Machine Width	117"	129 1/2"	129 1/2"	135 1/2"
Machine Depth, Level	78 1/2"	78 1/2"	130"	93"
Machine Depth (One-Way Tilt)	100"	110"	138"	120 1/2"
Machine Depth (Two-Way Tilt)	128 1/2"	139"	N/A	140"
Maximum Machine Height	146"	156"	156"	159 1/2"
Unload Height at Door Ring	37 3/4"	37 3/4"	37 3/4"	37 1/2"
Load Height at Door Ring	57 1/2"	57 1/2"	N/A 122 1/2"	59"
Normal Load/Unload Tilt	18 degrees	18 degrees	18 degrees	18 degrees
Minimum Dryer Spacing, Center to Center	141 1/2"	156 1/2"	156 1/2"	180"
Receiving Opening Requirements	108" H x 78" W	127" H x 84" W	127" H x 84" W	126" H x 134 1/2" W
Total Shipping Weight	7,500 lbs.	9,400 lbs.	9,700 lbs.	11,200 lbs.
Main Blower HP	25 HP	25 HP	25 HP	30 HP
Exhaust Volume	8,000 cfm	10,000 cfm	10,000 cfm	12,000 cfm
Exhaust Duct Connection Size	17" x 14"	17" x 14"	17" x 14"	18 5/8" x 30 1/4"
Water Supply Line	3/4" NPT	3/4" NPT	3/4" NPT	3/4" NPT
Air Supply Connection	1" NPT	1" NPT	1" NPT	1" NPT

Gas Fired Models

Propane Gas Supply Pressure	7" wc	7" wc	7" wc	7" wc
Natural Gas Supply Pressure	18" wc	18" wc	18" wc	18" wc
Natural Gas Supply Pressure – Low NOx Burner	27" wc	27" wc	27" wc	27" wc
Burner Firing Range BTU/hr (x1000)	600 - 2500	600 - 2800	600 - 2800	600 - 2800
Nominal Firing Range BTU/hr (x1000)	1500	1500	1500	1500
Gas Supply Connection	2" NPT	2" NPT	2" NPT	2" NPT

Steam Model

Steam Boiler HP	33	40	40	
Steam Supply Connection	3" NPT	3" NPT	3" NPT	
Steam Condensate/hr	1,538 lbs.	1,538 lbs.	1,538 lbs.	
Condensate Return Connection	1 1/2" NPT	1 1/2" NPT	1 1/2" NPT	
BTU/hr	1,334,115	1,334,115	1,334,115	
Air Intake Duct Connection	31" x 37"	32" x 45"	32" x 45"	

*Capacities based on clean, dry terry towels.

Note: External lint collection system is optional.

Specifications subject to change without notice.
For sales, parts and service, call **1-800-432-7286**.



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G.A. Braun, Inc.
79 General Irwin Boulevard
N. Syracuse, NY 13212

Mail to:
P.O. Box 3029
Syracuse, NY 13220-3029

Phone
1-800-432-7286

Fax
(315) 475-4130

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

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



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