



# PT DRYERS

State-of-the-art Design  
and Efficiency



U.S.A.

**ISO 9001 Certified**

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# PT DRYERS



## 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 to meet the (NFPA79) arc flash protection requirements.



← 24 V Control

← Line Voltage

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.

## 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.

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# THE BRAUN ADVANTAGE

## TOUCH SCREEN CONTROLS

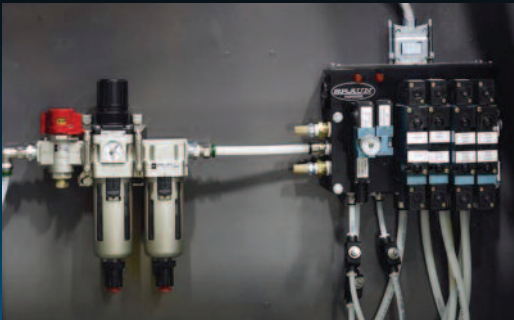
Simple, intuitive, and easy to use touch controls.



- ← Load
- ← Unload
- ← Start
- ← Cool
- ← Conveniently located usb flash drive to Simplify program loading and backup.

## 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.



### 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! 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.

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.



### OPTIONAL ROLL-UP DOOR

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





### GAP RINGS

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



### OTHER FEATURES

- Dryer Control with 50-formula capacity
- Easy integration to a fully automated Open Pocket or Tunnel System
- Optional coated baskets available
- Easy to remove basket panels
- Ethernet ready
- Robust forged, machine basket rings to improve basket strength and precision
- Designed using computational fluid dynamics (CFD) to improve airflow and efficiency



# PT DRYERS

## Specifications

	300 PT	500 PT	700 PT
Capacity, Dry Weight	300 lbs.	500 lbs.	700 lbs.
Basket Volume	118 cu. ft.	165 cu. ft.	210 cu. ft.
Door Opening	48" x 44 3/8"	60" x 50"	60" x 50"
Machine Width	117"	129 1/2"	135 1/2"
Machine Depth, Level	78 1/2"	78 1/2"	93"
Machine Depth (One-Way Tilt)	100"	110"	120 1/2"
Machine Depth (Two-Way Tilt)	128 1/2"	139"	140"
Maximum Machine Height	144 1/2"	154 1/2"	159 1/2"
Unload Height at Door Ring	37 3/4"	37 3/4"	37 1/2"
Load Height at Door Ring	57 1/2"	57 1/2"	59"
Normal Load/Unload Tilt	18 degrees	18 degrees	18 degrees
Minimum Dryer Spacing, Center to Center	141 1/2"	156 1/2"	180"
Receiving Opening Requirements	108" H x 78" W	127" H x 84" W	126" H x 134 1/2" W
Total Shipping Weight	7,500 lbs.	9,400 lbs.	11,200 lbs.
Main Blower HP	25 HP	25 HP	30 HP
Exhaust Volume	8,000 cfm	10,000 cfm	12,000 cfm
Exhaust Duct Connection Size	17" x 14"	17" x 14"	18 5/8" x 20"
Water Supply Line	3/4" NPT	3/4" NPT	3/4" NPT
Air Supply Connection	1" NPT	1" NPT	1" NPT

### Gas Fired Models

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

### Steam Model

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

Note: External lint collection system is optional.

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



**ISO 9001 CERTIFIED**

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