



PT DRYERS

State-of-the-art Design
and Efficiency



U.S.A.

ISO 9001 Certified

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

gabraun.com

PT DRYERS



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

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.

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.



← 24 V Control

← Line Voltage

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.



THE BRAUN ADVANTAGE

TOUCH SCREEN CONTROLS

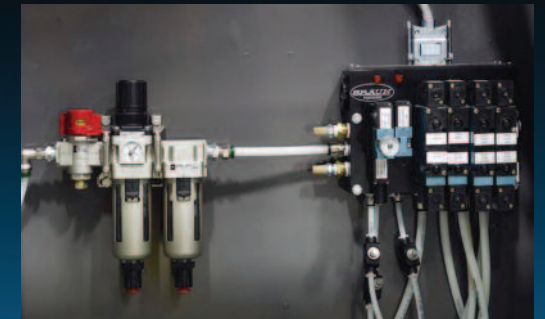
Simple, intuitive, and easy to use touch controls.



- ← 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.



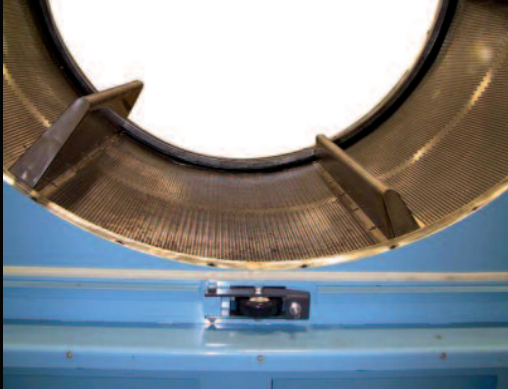


PT DRYERS

Specifications

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

| | 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

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



U.S.A.

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