PT DRYERS

State-of-the-art Design and Efficiency
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.

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.
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.

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.

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.
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.

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.

Conveniently located USB flash drive to simplify program loading and backup.
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
• True 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

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

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<th>7&quot; wc</th>
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<tr>
<td>Propane Gas Supply Pressure</td>
<td>7&quot; wc</td>
<td>7&quot; wc</td>
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<td>Natural Gas Supply Pressure</td>
<td>18&quot; wc</td>
<td>18&quot; wc</td>
<td>18&quot; wc</td>
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<tr>
<td>Burner Firing Range BTU/hr (x1000)</td>
<td>600 - 2500</td>
<td>600 - 2800</td>
<td>600 - 2800</td>
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<tr>
<td>Nominal Firing Range BTU/hr (x1000)</td>
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#### Steam Model

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<tr>
<td>Steam Boiler HP</td>
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<td>40</td>
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<td>Steam Supply Connection</td>
<td>3&quot; NPT</td>
<td>3&quot; NPT</td>
<td>3&quot; NPT</td>
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<td>Steam Condensate/hr</td>
<td>1,538 lbs.</td>
<td>1,538 lbs.</td>
<td>1,538 lbs.</td>
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<td>Condensate Return Connection</td>
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<td>1 1/2&quot; NPT</td>
<td>1 1/2&quot; NPT</td>
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<tr>
<td>BTU/hr</td>
<td>1,334,115</td>
<td>1,334,115</td>
<td>1,334,115</td>
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<tr>
<td>Air Intake Duct Connection</td>
<td>31&quot; x 37&quot;</td>
<td>32&quot; x 45&quot;</td>
<td>32&quot; x 45&quot;</td>
</tr>
</tbody>
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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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1-800-432-7286 X 2

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**ISO 9001 CERTIFIED**

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**U.S.A.**
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**PT Dryer**
7/19