BROCK® COMMERCIAL TOWER DRYERS ARE DIFFERENT BY DESIGN™

1. NARROWER COLUMNS AT TOP
   Narrower width grain columns used at the top of the dryer increase airflow on the wettest grain, starting the drying process sooner.

2. SELF-CLEANING PLENUM FLOOR
   Brock’s unique self-cleaning plenum floor design allows fines, dirt and bees’ wings to recycle back into the grain safely while also reducing routine cleaning maintenance.

3. COMMERCIAL BURNER
   A high-capacity, low-emission Maxon® burner is standard on BROCK® Commercial Tower Dryers. The commercial-grade burner features a cast aluminum manifold to help reduce orifice corrosion and maintenance. Brock’s unique application of centrifugal fans allows a square burner to be mounted in the square duct and provides uniform airflow across the complete burner surface for efficient combustion and even heat mixing. The generous length of duct above the burner further enhances the temperature balance from the top to the bottom of the heat plenum.

4. DWDI CENTRIFUGAL FANS
   Double-wide/double-inlet (DWDI) centrifugal fans were the first choice for the BROCK® Commercial Tower Dryers because they deliver more air while using less horsepower.

5. EASY ACCESS & SERVICE
   Ample clearance under the dryer offers easy walk-through access and generous space for auxiliary equipment. Fan and motor design provides for easy access and serviceability.

6. STAINLESS STEEL SCREENS
   Stainless steel perforated screens are used in two standard sizes (.078 and .062 inches) to help confine particulates for cleaner dryer operation.

7. UNOBSTRUCTED GRAIN COLUMNS
   Fresh air along with electrical conduits and gas piping enter at the bottom of the dryer and not through the grain columns. This promotes even grain flow and efficient drying. Air inlet louvers are adjustable to control the volume of cool air entering the dryer.

8. GENTLE UNLOADING SYSTEM
   Brock’s innovative and gentle Circular Drag Unloading System (patented) evenly meters and delivers the grain to a discharge point at the perimeter of the dryer.

9. COMMERCIAL PLUMBING
   Commercial block and bleed gas train is standard with high & low gas safety pressure switches.

10. QUANTUM® CONTROLLER
    Brock’s advanced QUANTUM® Dryer Controller comes standard and automatically regulates the drying process. Web-based monitoring of the QUANTUM Controller is also available.

Maxon is not owned or licensed by CTB and is the sole property of its respective owner.
# Brock® Commercial Tower Dryer Specifications

<table>
<thead>
<tr>
<th>Models</th>
<th>BCT2500</th>
<th>BCT3000</th>
<th>BCT3500</th>
<th>BCT4000</th>
<th>BCT4700</th>
<th>BCT5000</th>
<th>BCT6000</th>
<th>BCT7000</th>
<th>BCT10,000</th>
</tr>
</thead>
<tbody>
<tr>
<td>Height</td>
<td>69’ 2”</td>
<td>80’ 9”</td>
<td>88’ 7”</td>
<td>100’ 3”</td>
<td>111’ 10”</td>
<td>105’ 10”</td>
<td>113’ 7”</td>
<td>121’ 4”</td>
<td>130’ 6”</td>
</tr>
<tr>
<td>Diameter</td>
<td>18’ 0”</td>
<td>18’ 0”</td>
<td>18’ 0”</td>
<td>18’ 0”</td>
<td>18’ 0”</td>
<td>24’ 0”</td>
<td>24’ 0”</td>
<td>24’ 0”</td>
<td>30’ 0”</td>
</tr>
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</table>

Grain Column Widths: 12.75” & 10.75”

<table>
<thead>
<tr>
<th>DWDI Blower (Qty - Horsepower)</th>
<th>2 - 50 hp</th>
<th>2 - 60 hp</th>
<th>2 - 75 hp</th>
<th>2 - 100 hp</th>
<th>2 - 125 hp</th>
<th>2 - 125 hp</th>
<th>2 - 150 hp</th>
<th>4 - 100 hp</th>
</tr>
</thead>
<tbody>
<tr>
<td>Heat Holding Capacity (Bu)</td>
<td>1,227</td>
<td>1,876</td>
<td>2,200</td>
<td>2,525</td>
<td>2,875</td>
<td>3,690</td>
<td>4,129</td>
<td>4,367</td>
</tr>
<tr>
<td>Cool Holding Capacity (Bu)</td>
<td>526</td>
<td>701</td>
<td>701</td>
<td>876</td>
<td>1,052</td>
<td>1,187</td>
<td>1,187</td>
<td>1,424</td>
</tr>
<tr>
<td>Total Grain Holding Capacity (Bu)</td>
<td>2,716</td>
<td>3,540</td>
<td>3,864</td>
<td>4,364</td>
<td>4,890</td>
<td>6,728</td>
<td>7,167</td>
<td>7,642</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Drying Airflow (CFM)</th>
<th>122,740</th>
<th>152,576</th>
<th>174,274</th>
<th>201,772</th>
<th>221,504</th>
<th>269,750</th>
<th>306,482</th>
<th>344,376</th>
<th>457,952</th>
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</thead>
</table>

<table>
<thead>
<tr>
<th>Max Burner Capacity (1,000 BTU/HR)</th>
<th>27,002</th>
<th>32,956</th>
<th>37,643</th>
<th>43,583</th>
<th>47,845</th>
<th>58,266</th>
<th>66,200</th>
<th>74,385</th>
<th>100,749</th>
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</thead>
</table>

<table>
<thead>
<tr>
<th>Typical Burner Capacity (1,000 BTU/HR)</th>
<th>13,320</th>
<th>17,700</th>
<th>20,900</th>
<th>24,000</th>
<th>26,000</th>
<th>30,300</th>
<th>36,300</th>
<th>40,100</th>
<th>57,427</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Unload Motor (Qty - Horsepower)</th>
<th>1 - 7.5 hp</th>
<th>1 - 7.5 hp</th>
<th>1 - 7.5 hp</th>
<th>1 - 7.5 hp</th>
<th>1 - 7.5 hp</th>
<th>2 - 7.5 hp</th>
<th>2 - 7.5 hp</th>
<th>2 - 7.5 hp</th>
<th>2 - 7.5 hp</th>
</tr>
</thead>
</table>

**Drying Capacity* - Wet Bushels Per Hour**

<table>
<thead>
<tr>
<th>Corn 20% to 15%</th>
<th>2,500</th>
<th>3,000</th>
<th>3,500</th>
<th>4,000</th>
<th>4,700</th>
<th>5,000</th>
<th>6,000</th>
<th>7,000</th>
<th>10,000</th>
</tr>
</thead>
<tbody>
<tr>
<td>Corn 25% to 15%</td>
<td>1,500</td>
<td>1,800</td>
<td>2,100</td>
<td>2,400</td>
<td>2,800</td>
<td>3,000</td>
<td>3,600</td>
<td>4,200</td>
<td>6,000</td>
</tr>
</tbody>
</table>

*Drying capacity will vary depending on outside temperature, humidity, crop variety, foreign matter, test weight, etc.

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**A Full Line of Brock Solid® Solutions**

**Storage**
- Stiffened & Non-stiffened Grain Bins
- Stiffened & Non-stiffened Hopper Bins
- Temporary Storage
- Bin Access Doors
- Grain Aeration Floors

**Handling**
- Grain Sweeps
- Grain Conveyors
- Bin Unloading Systems
- Bucket Elevators
- Distributors & Accessories

**Conditioning**
- Low-Profile Grain Dryers
- Tower Grain Dryers
- Centrifugal & Axial Fans
- Heaters
- Controls

**Structures**
- Catwalks
- Bucket Elevator Towers & Stairways
- EVERLOC® Roof Mount System
- Support Towers
- Slot & Tab Construction

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**Brock Grain Systems**
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