Continuous Flow Grain Driers

The Highly Efficient, Uniquely Versatile and Environmentally-Friendly Grain Driers from Alvan Blanch
The UK’s Best Selling Continuous Flow Grain Drier - Now Radically Re-engineered & Gives you these Unique Benefits:

- Unbeatable performance - even at low temperatures (malt, seed etc.) thanks to a balanced air flow.
- Uniquely versatile, will dry any granular crop, in any condition - no need for pre-cleaning.
- Highly fuel efficient - total recovery of waste heat from cooling section. Insulation options.
- Precise and consistent drying - plus the mechanical flow avoids streaming, and complete bed inversion.
- No downtime between crops - instant, electronically controlled, follow-on without emptying refilling.
- Built to last - proven construction with an anti-corrosion finish.
- Mechanical conveying - all grains are moved within the drier, meaning no blockages or hot spots possible.
- Stepless auto speed control - instant response for optimum accuracy.
- Minimal environmental impact - low profile, low noise, extra silencers and cladding available.
- Dust control systems.
- Low installation cost - mostly pre-assembled, pre-wired and low foundation costs.
- Dependability - backed by 2 year warranty and worldwide support.

The amount of moisture taken out of the crop is accurately controlled. Once set to suit the crop, the process on Alvan Blanch driers does not change, resulting in precise drying.

Complete flexibility
1) Variable bed depth up to 400mm
2) Variable stepless conveying chain speed
3) Variable heat input through oil/gas burners
4) Variable air flow speed. Light seed can be processed.

Built in Precision and Process Control

- Instant crop follow-on
- Thermostatic temperature control
- Automatic moisture control and grain temperature indication
- Automatic pressure jet oil/gas burners
- Stepless auto speed control
- Instant response for optimum accuracy
- Heavy duty trace chain
- Heat recycled from cooling system
- Twin high efficiency low horsepower centrifugal hot fans
- Plenum pressure indicator
- Good accessibility to every part of drier via hinged doors
- Optional PLC control panel with data recording
- Weatherproof hopper
- Convenient bed depth adjustment
- Louvred bed
- Cold fan with silencer
- Dust control systems.
## Specification for Double Flow grain driers barley, wheat, maize

<table>
<thead>
<tr>
<th>Model</th>
<th>DF6000</th>
<th>DF9000</th>
<th>DF12000</th>
<th>DF13000</th>
<th>DF17000</th>
<th>DF19000</th>
<th>DF22000</th>
<th>DF25000</th>
<th>DF26500</th>
<th>DF30000</th>
<th>DF33500</th>
<th>DF37000</th>
<th>DF48000</th>
</tr>
</thead>
<tbody>
<tr>
<td>Approx. Input capacity, barley 20% - 15%, t/h</td>
<td>6</td>
<td>9</td>
<td>11</td>
<td>14</td>
<td>16</td>
<td>19</td>
<td>21</td>
<td>24</td>
<td>28</td>
<td>29</td>
<td>33</td>
<td>37</td>
<td>41</td>
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<tr>
<td>Approx. Input capacity, wheat 20% - 15%, t/h</td>
<td>6.5</td>
<td>10</td>
<td>12</td>
<td>15</td>
<td>18</td>
<td>21</td>
<td>23</td>
<td>26</td>
<td>30</td>
<td>32</td>
<td>36</td>
<td>40.5</td>
<td>45</td>
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<tr>
<td>Approx. Input capacity, maize 25% - 15%, t/h</td>
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<td>4.5</td>
<td>5.4</td>
<td>6.5</td>
<td>7.9</td>
<td>9.0</td>
<td>10</td>
<td>11.2</td>
<td>12.7</td>
<td>13.5</td>
<td>15.4</td>
<td>17</td>
<td>19</td>
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<tr>
<td>Length, mm</td>
<td>5930</td>
<td>7800</td>
<td>8535</td>
<td>9767</td>
<td>11000</td>
<td>12232</td>
<td>11000</td>
<td>12232</td>
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<td>15929</td>
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<tr>
<td>Width, mm</td>
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<td>2500</td>
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<td>3220</td>
<td>3220</td>
<td>3220</td>
<td>3830</td>
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<td>3830</td>
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<tr>
<td>Height, mm</td>
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<td>4400</td>
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<td>5051</td>
<td>5192</td>
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<td>5464</td>
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<td>5745</td>
<td>5885</td>
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<tr>
<td>Max. steady state electrical power, kW</td>
<td>17</td>
<td>22</td>
<td>26</td>
<td>35</td>
<td>36</td>
<td>49</td>
<td>56</td>
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<td>68</td>
<td>84</td>
<td>88</td>
<td>107</td>
<td>112</td>
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<tr>
<td>Max. burner size, kW (thermal power)</td>
<td>Typical UK burners</td>
<td>550</td>
<td>710</td>
<td>710</td>
<td>950</td>
<td>980</td>
<td>1260</td>
<td>1420</td>
<td>1420</td>
<td>1660</td>
<td>1660</td>
<td>1900</td>
<td>2370</td>
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<tr>
<td>Typical non-UK burners</td>
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<td>1000</td>
<td>1200</td>
<td>1400</td>
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<td>2000</td>
<td>2200</td>
<td>2800</td>
<td>3400</td>
<td>4000</td>
</tr>
</tbody>
</table>

Throughput, thermal and electrical power values are approximate, and will vary depending on ambient conditions, product variation and drier set up.

Models available for flaked grain drying; malt drying with boosted fans; all hot, where cooling is not required within the drier; mobile driers MDF10500 to MDF22000, and other options.

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