

**QUIET FAN DRYER**  
**21 ton approximate holding capacity**  
**7.5 ton per hour throughput\***

The 8000 series dryer is the latest in a long line of GT recirculating Batch Dryers from OPICO. Incorporates the traditional advantages of the recirculating batch dryers producing a clean uniformly dry sample whilst taking the GT range one step further in offering today's large scale farmer high capacity automated drying.

The RAB-8000 Automatic has been developed by OPICO in conjunction with GT Manufacturing in the US as a natural extension to the Automatic dryers which have been working in the UK since 1995.

The RAB-8000 is able to load, dry, cool and unload completely automatically allowing unattended drying hour after hour.



Supplied as standard with 38" custom built, in line centrifugal fan (74 dba). Unique self diagnostic electronic Grain Guard control. Centralised greaser location. 60 ton an hour 12" diameter central auger 8" diameter loading auger with full length, 9ft 10" (3m) loading hopper (50 ton an hour loading capacity). LP Gas fired burner. Epoxy powder coated outside sheets. Adjustable jacks, 4 tyres, grain sampler. Horizontal discharge auger. 3-phase electric drive.

**SPECIFICATION FOR MODEL RAB - 8000 - QUIET FAN DRYER**

|  |  |
|--|--|
| Drying capacity (21-16%)*                            | 7.5 t/hr                                     |
| Holding capacity                                     | 21t (28.9m³)                                 |
| Height - working position, standard head / Sky-Vac   | N/A  |
| Height - working position, horizontal head / Sky-Vac | 20'1" (6.14m) / + 23" (580mm)                |
| Height - transport with head removed                 | 13'6" (4.1m)                                 |
| Width  | 11' (3.4m)                                   |
| Length - working position                            | 29' (8.9m)                                   |
| Length - transport position                          | 20'5" (6.2m)                                 |
| Weight - empty                                       | 6500 lbs (2950 kg)                           |
| Grain wall thickness                                 | 18" (457mm)                                  |
| Vertical auger size                                  | 12" (305mm)                                  |
| Loading auger size / unloading auger size            | 8" (203mm)                                   |
| Burner size - LP Gas                                 | 3,000,000 BTU/hr (879kW)                     |
| Fan type and size                                    | In-line Centrifugal ø 38" (965mm)            |
| Fan rating & outlet-static pressure                  | 17,200 ft³/min @ 1.5"<br>(487m³/hr @ 374 PA) |
| PTO speed / power required                           | 525 RPM, 40hp (30kW)                         |
| Recirculating time                                   | 60 t/hr, 16-20min                            |
| Loading rate   | 50 t/hr, 20min                               |
| Unloading rate                                       | 50 t/hr, 20 min                              |
| Electric power used (optional)                       | 4 motors, (15,15,4,4kw), 55amp               |

\* Throughput per hour assumed 5% moisture reduction from 21% to 16%. Includes loading, heating, cooling and unloading time.

Electric drive requires 3-phase, 63 amp supply. Supply line to include 3-phases, earth and neutral on a dedicated circuit via residual current device and should be fitted by a qualified electrician.

**Electric motors:**

|      |                 |
|------|-----------------|
| 15kw | vertical auger  |
| 15kw | centrifugal fan |
| 4kw  | loading auger   |
| 4kw  | discharge auger |