

### 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 (28.9m <sup>3</sup> )
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 ft <sup>3</sup> /min @ 1.5" (487m <sup>3</sup> /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