

MAGNA

1200QF & 2000QF - OPICO'S RANGE OF DIESEL FIRED DRYERS

HIGH CAPACITY, FASTER LOADING, GREATER THROUGHPUT, FASTER DRYING...

The OPICO range of Magna dryers are specifically designed with UK farmers' crops and needs in mind. The 1200QF provides efficient, clean, diesel fired drying and ease of transport and the 2000QF gives higher throughput than previously achievable with a mobile batch dryer.

Both models use a large cross-flow centrifugal fan which is quiet and powerful. The Magna range has all the benefits of true re-circulation, better sample, improved hectolitre weight and ease of management

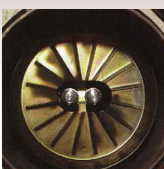
The Eco-Flo diesel burner gives a semi-indirect burn to ensure it is the most environmentally friendly batch dryer yet. At the same time the Magna's multi-tiled "heat-exchanger" retains and builds up heat to give super efficient drying



- Stainless steel perforated screens, 1.5mm on the outside and 2.5mm on the inner plenum providing maximum airflow without compromise (particularly important when drying rape).
- Wind up screens and a winch-over discharge head for fast and simple set up from transport to working position.
- The pressure at which the centrifugal fans work ensures that the air produced is driven through even the densest and wettest crops.
- A grain sampler comes as standard.
- Heavy duty bevel gearbox drives the 368mm (14½") main auger. The auger and gearbox assembly is mounted on a 15mm base plate which gives strength and durability to the bottom bin



A highly efficient modulating diesel burner is easily accessible for servicing, simply remove the securing nut and swing the burner out for ease of maintenance



In the servicing position the high and low flame jets are easily accessible. The air mixture can be altered when in working position.



Controls are protected with a weather and dust proof case with a Perspex viewing screen



All Magna dryers are fitted with a DUAX Heat Core Burner. This uses heat retaining bricks similar to those in a storage heater, to heat the air as well as the burner. Inside the burner chamber is a steel barrel which is lined with the heat bricks. As the heat bricks build up temperature, the whole burner core heats air as it is drawn past into the fan

SPECIFICATIONS

Model	1200QF	2000QF
Drying capacity (21-16%)	6t/hr	10t/hr
Holding capacity	12t - 16m³	20t - 27m³
Height - transport position	4.2m (13'9")	4.35m (14'3")
Height - working position	5.1m (16'9")	6.29m (20'8")
Width	2.55m (8'4")	3.2M (10'6")
Overall length	6.1m (20')	7.2m (23'7")
Weight - empty	3400 kgs	4400 kgs
Grain wall thickness	500mm (19¾")	500mm (19¾")
Vertical auger size	368mm (14½")	368mm (14½")
Loading auger size	200mm (8")	250mm (10")
Size of burner (max BTU/hr)	3,000,000 BTU/hr	4,000,000 BTU/hr
Fan type and size	Centrifugal ø 710mm (28")	Centrifugal ø 800mm (31½")
PTO speed	470 rpm	470rpm
Recirculating time	90 t/hr (8 min)	120t/hr (10 min)
Loading rate	50 t/hr (12 min)	100 t/hr (12 min)
Unloading rate	80 t/hr (9 min)	100 t/hr (12 min)
Fan drive	Belt	Belt
Fan rating CFM and Outlet static pressure	35,000 m³/hr @ 95mm 20,600 CFM @ 3.75"	55,000 m³/hr @ 100mm 32,375 CFM @ 4"
Power required	45 mw (60 hp)	59.5 kw (80 hp)
Diesel Tank	460 litres	670 litres

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. Supply cable must not exceed 30 mtrs in length, minimum 10mm core. ** Throughput per hour assumed 5% moisture reduction from 21% to 16%. Includes loading, heating, cooling and unloading time.



PROFIT FROM OUR KNOWLEDGE

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