

CONTINUOUS GRAIN DRIER - SINGLE FLOW



Model: SF9000 - Jeddah, Saudi Arabia

'Single Flow' is the simpler version of the unique Alvan Blanch 'Double Flow System' - lower capacities - but offering the same key benefits:

- AB** Unbeatable performance - thanks to boosted airflow
- AB** Precise and consistent drying - mechanical flow avoids streaming
- AB** Uniquely versatile - handles any granular crop in any condition
- AB** No downtime between crops - instant follow-on without emptying/refilling
- AB** Choice of three models - from 5 to 10 t/hr
- AB** Step-less speed control - instant response for optimum accuracy
- AB** Low fire risk - no trapping of trash and full accessible to all compartments
- AB** Low installation cost - Pre assembled & low profile, no special foundations
- AB** Built to last - proven longevity and dependability
- AB** Specially designed to suit - packing inside shipping containers

APPLICATION: Single flow driers have been used for a wide range of products - including steam flaked maize as well as whole grains and pulses of every type, cocoa and coffee beans etc.

CONSTRUCTION: The driers are pre-assembled and have dimensions specifically designed to fit just inside a 20ft or 40ft shipping container so after it arrives on site the drier can be immediately placed into position, with minimal assembly, and once the locally supplied exhaust air ducts, fuel supply pipe line and power cables have been connected, the drier is ready for operation.



Burner Installation

The heavy duty welded construction and the use of top quality components throughout means that, like all Alvan Blanch driers, these machines will give reliable service over many decades.

With such a low profile design, the drier can fit within almost every warehouse and can be positioned on a standard concrete floor without special foundations.

SPECIFICATIONS			
Model	Capacity (t/hr)	Drive Motors (kW)	Shipping Container
SF5000	5.5	7.5, 4, 0.37, 0.55	20ft
SF7000	7.5	9, 5.5, 0.37, 0.55	40ft
SF9000	10	11, 7.5, 0.37, 0.55	40ft

OPERATION: The product is drawn out of the feed hopper by means of the top return chain - before falling onto the start of the drying bed. The infinitely variable speed bed conveyor chain gives precise control of drying duration. The required depth of bed is easily adjusted - to



Bed Depth Control

suit the type and condition of the product. The high volume of hot air from the quiet and efficient backward curved centrifugal fan with diesel oil fired pressure jet burner is blown through the unique Alvan Blanch galvanized louvred drying bed.

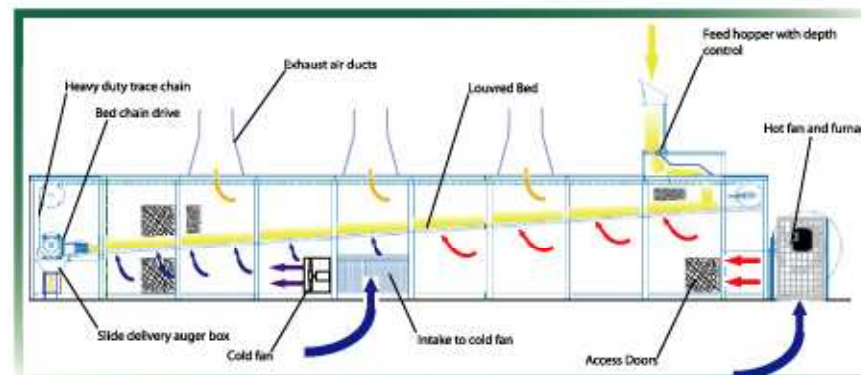
In the final bed section a high volume of cold air is blown through the product before it leaves the drier. Exhaust air from the drier is conveyed outside the building by simple ducts (excluded).

OPTIONS:

Automatic Moisture Controller - the bed speed of the drier can be varied automatically according to changes in moisture content of the product.

Alternative Furnace Arrangements - we offer a wide range of furnace options including:

- Kerosene burner
- Gas burner
- Steam heat exchanger
- Heat exchanger for oil burner (so that no products of combustion are passed through the grain).



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