

Uniquely Versatile - perfect results on every material

No other range of driers can match the range and condition of materials that can and have been

Just Some of the Products Dried

Bagasse	Paper Sludge
Barley	Peas and Beans
Borage	Pellets
Bread Crumbs	Plastics
Chilli Peppers	Poppy Seeds
Cocoa Beans	Potato Peelings
Coffee Beans	Pyrethrum
Compost	RapeSeed
Cotton Seed	Rice
Evening Primrose	RDF
Glass	Sand
Grass	Saw Dust
Grass Seed	Seaweed
Herbs	Soya Beans
Limestone	Straw
Linseed	Sugar Beet Pulp
Maize	Sunflower
Malted Sorghum	Wheat
Minerals	Woodchip
MSW	Wood Shavings

Environmental Impact

Flexible planning solutions

The standard drier is low profile designed for internal installation. New drier installations can blend unobtrusively with existing building profiles, often overcoming very tight planning constraints.

Low Noise

All fans have special low noise impellers (aerofoil bladed, backward curved centrifugal type). All noise is generated at low level and so on particularly sensitive sites, sound barriers can be erected.

Emissions

These driers all have low emissions with respect to dust, Nox, Sox, and VOC's (level dependant upon the drying air temperature and product)
Visible plumes can also be avoided by incorporating exhaust dehumidification with energy recovery.

Installation

All these driers are quick to install as they come in virtually one piece which reduces cost and the disruption of site works.

Warranty - as defined in our Conditions of Sale (available on request), covers parts and labour performed only by our own staff except where dealers have been specifically authorized to assist. To qualify for second-year warranty a chargeable drier service every 1000 hours of operation by Alvan Blanch or authorized agent.

A Long Track Record For First Class Service



Of almost equal importance to the product itself is our approach to Customer Service, which has been continuously improved over the past 50 years.

Our driers are totally designed and manufactured at our 9,000m² factory. We guarantee ongoing parts availability for all driers.

Our highly experienced area managers, all processing system specialists, are ready to prepare layout design proposals.

Confidential Processing

Many specialist and confidential projects have been undertaken for a variety of clients. Please contact our special products division if you require this service.

Alternative Drying Systems

Alvan Blanch also offer a wide range of bed drying systems which may provide an alternative drying solutions suited for a variety of applications.

Multiple Driers

For applications and installations where multiple driers are required they can be easily linked together to form a common unit, with a single feed system. Suitable for indoor or outdoor operation.



AB ALVAN BLANCH
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In accordance with our policy of continuous development, we reserve the right to change specifications and prices at any time without notice or incurring liability to purchasers. All goods supplied according to our published terms and conditions of sale (copies on application)

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AB BATCH ROTARY DRIER

AB Highly efficient with low energy consumption

AB A single machine can be supplied for a range of different uses

AB Can also act as a mixer -

to add other ingredients to the material after drying



AB CONTINUOUS ROTARY DRIER

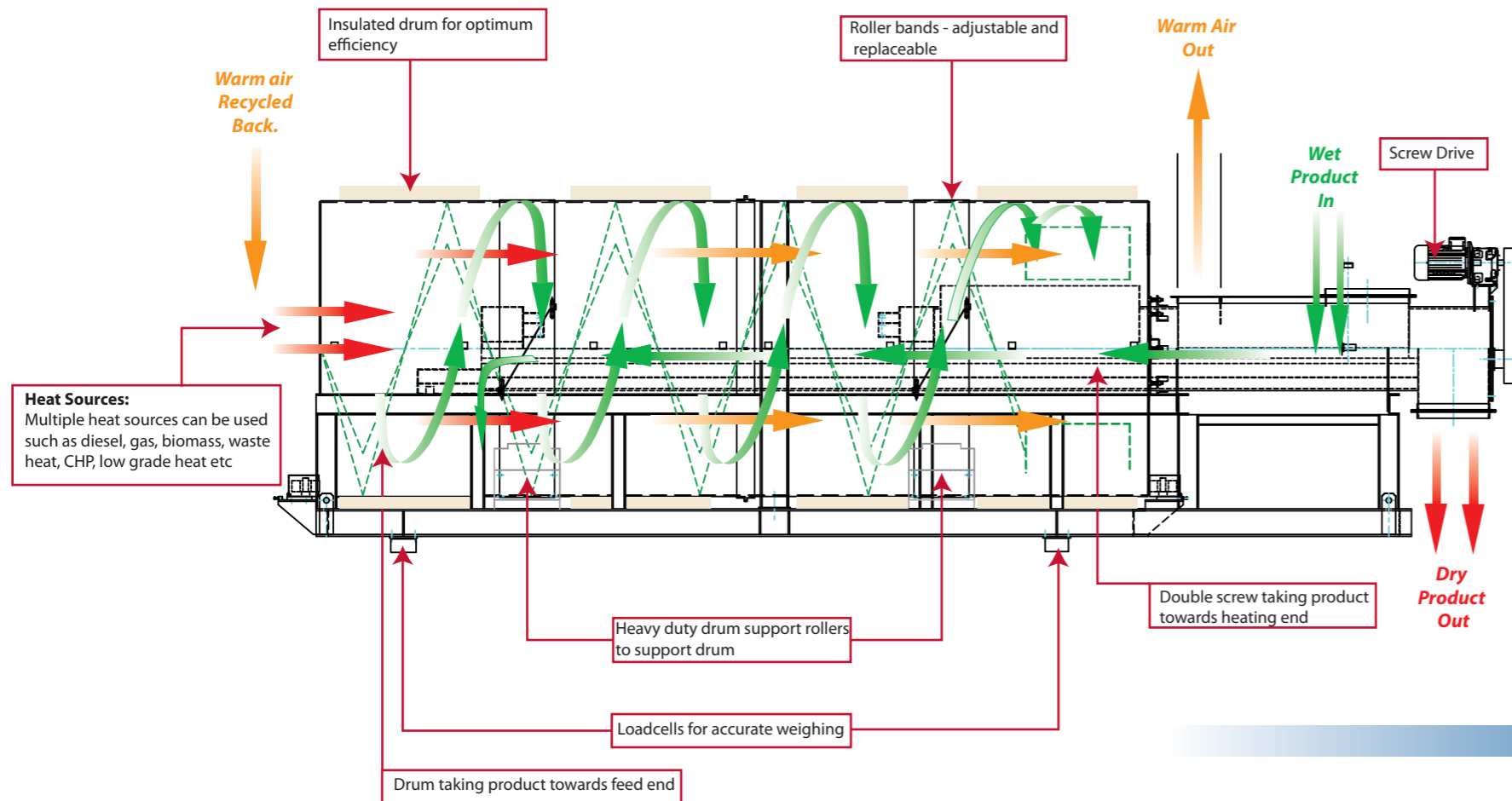
AB Optimum conservation of nutritional properties - again due to low temperatures used.

AB Convenient, automated operation but requiring only simple maintenance.



Multipurpose Rotary Drying Systems

AB BATCH ROTARY DRIER



CONTINUOUS ROTARY DRIERS

These driers are suitable for a variety of applications for both heavy and light products. The internal configuration is different depending upon the products being dried. Each has a highly insulated drum to ensure minimal heat loss. They are designed to maintain a constant flow of product through the drier.



BATCH ROTARY DRIERS

These driers are suitable for a variety of products, but are particularly suitable for very wet and dense products. The product to be dried is loaded in the drum where it is constantly recirculated until it is dry. The drier is mounted upon loadcells to monitor and control the drying process as it continues. In addition these driers can be used to sterilise the product using an internal steam manifold.

CONTINUOUS ROTARY DRIER AB

ENERGY

Electrical
The main motors are fitted with energy saving electrical inverters which provides excellent controllability and also optimizes the power usage against loading.

Heat sources
Multiple heat sources can be used such as diesel or gas burners (natural, LPG, biogas), biomass, CHP (direct or indirect) hot water, steam, waste heat (low or high grade).



Multiple Drying zones and heat recovery
Each drier is equipped with the facility for multiple stage drying to ensure optimum efficiency for the particular product being dried. This means that different temperatures and airflows can be used in different drying zones or stages. Heat recovery can be incorporated to ensure that all added energy is used to its maximum potential.

