

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, successfully handled by these driers.

An example of the products dried

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

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.

Model	Throughput Capacity,kg/h		Electrical Power, kWe (approx.)	Thermal Power, kWth (approx.)	Dimensions (approx.)		
	Drying at 70°C	Drying at 130°C			Length, m	Width, m	Height, m
CD5700	4,160	8,700	16	560	12.5	5.7	4
CD7900	5,780	12,100	23	780	15	5.7	4
CD10600	7,780	16,300	35	1,100	17.5	5.7	4
CD13300	9,730	20,300	43	1,300	17.5	6.5	4
CD16000	11,800	24,600	54	1,600	21	7.0	4.8
CD19400	14,300	29,800	60	1,900	23.5	7.0	4.8
CD22200	16,300	34,000	71	2,200	26	6.5	4.8
CD25600	18,800	39,300	89	2,500	28.5	6.5	4.8
CD28400	20,800	43,500	93	2,800	32	6.5	5.4
CD31100	22,800	47,700	108	3,100	34.5	7.0	5.4
CD34600	25,300	53,000	116	3,400	37	7.0	5.4
CD38000	27,900	58,200	119	3,800	39.5	7.0	5.4
CD44200	32,400	67,700	158	4,400	46	7.0	6.3
CD50300	36,900	77,200	177	5,000	50.6	7.0	6.3
CD60400	44,300	92,600	215	6,000	50.6	7.5	6.3

Capacities are based on the Dual Purpose version of each model. All figures quoted are based on removing 5% moisture from Barley. Figures may vary depending on product to be dried. Dimensions account for larger footprint for externally mounted fans.

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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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 60 years.

Our driers are totally designed and manufactured at our 9,000 m² 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.

Alternative Driers

For applications and installations where different types of driers are required, then Alvan Blanch manufacture a range of alternative driers such as our leading DF and SPD ranges which utilise the unique louvered bed principle, as well as a full range of rotary driers, both batch and continuous.

Evaporative Capacities - are approximate, based on extensive user experience and assume ambient conditions of 15 C° and 70% R.H. As with all driers, performance is affected by material conditions, variety and maturity.

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 authorised agent.

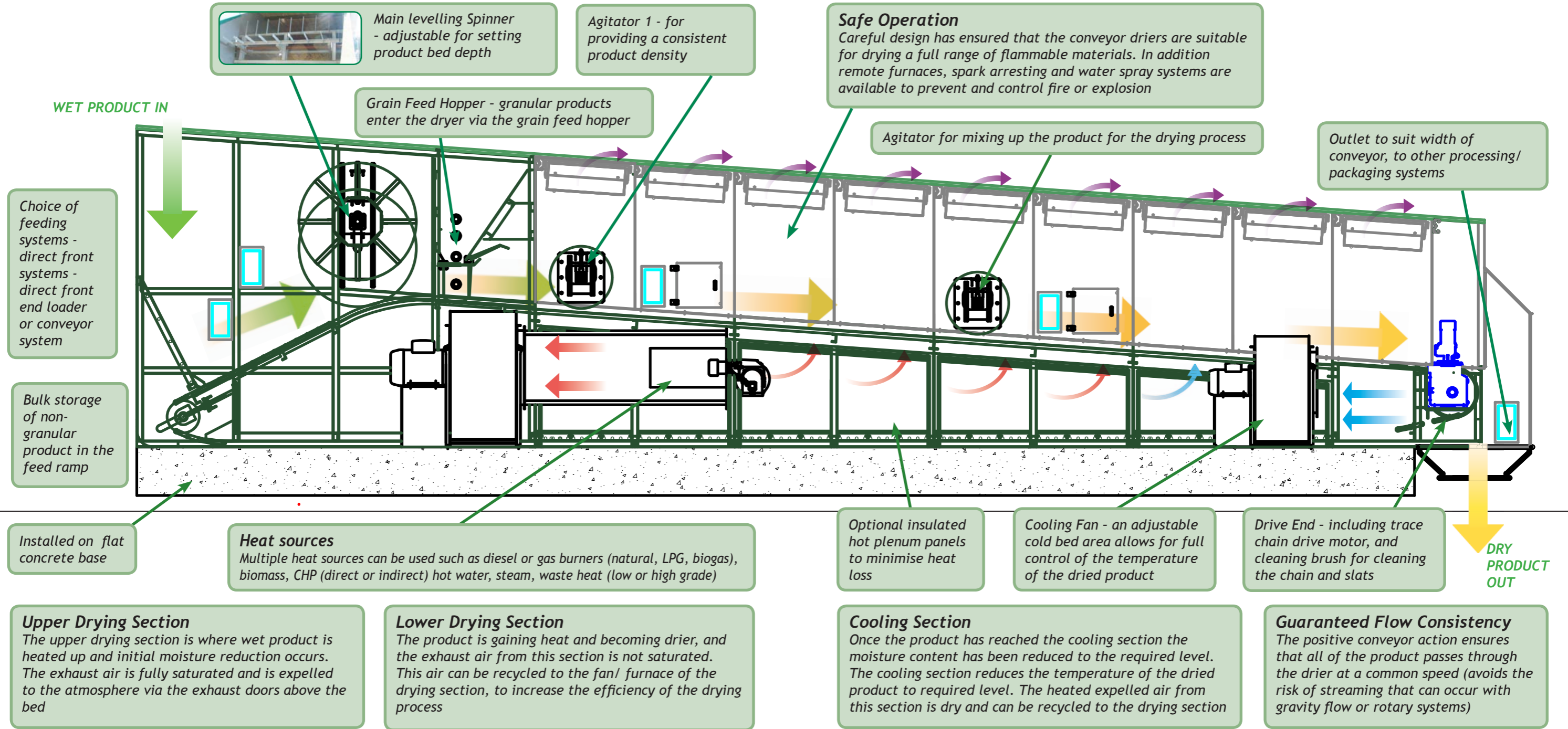


CONVEYOR DRIER



- **Uniquely versatile** - handles most materials in any condition
- **Low temperature system** - preserves colour/quality & reduces risk
- **Heat sources** - multiple heat sources can be used
- **Fuel efficient** - with recovery of unsaturated exhaust air from final section
- **Precise flow consistency** - mechanical flow via inverter speed controller
- **Inbuilt reliability** - backed by 2 year warranty and worldwide support

CONVEYOR DRIER - HOW IT WORKS



Environmental Impact

Flexible Planning Solutions

The standard drier is low profile designed for part external installation or for complete internal or external 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 inherently low emissions with respect to dust, Nox, Sox, and VOC's. Visible plumes can also be avoided by incorporating exhaust dehumidification with energy recovery.

Energy

Electrical

The main fan motors are fitted with energy saving electrical inverters which provides excellent controllability and also optimises the power usage.

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). These driers are particularly suited to drying at low temperatures.

Multiple Drying Zones and Heat Recovery

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

