

MOVING BED CONVEYOR DRIER.



MODEL TDC 95

AB *Handles various pelleted products.*

AB *Operational Capacity Range from 5 -15 t/hr.*

AB *Moving bed eliminates product attrition.*

AB *Heavy duty construction*

AB *Variable heat application.*

AB *Variable Bed Depth*

AB *Cost-effective and durable*

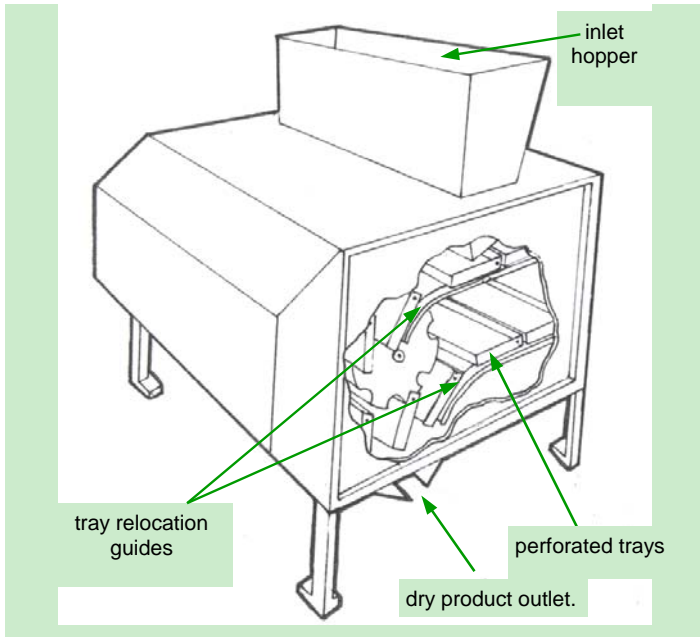
AB *Very low maintenance*



A robust, well designed and flexible drier/cooler suitable for a wide range of products and quantities.

TDC DRIER COOLER

TDC Model 95 - Capa city Appr 5T/hr



APPLICATION: The Alvan Blanch Drier/Cooler is the culmination of well tested design and manufacture of the highest possible standards. A versatile machine that can be adapted to cater for a wide range of drying requirements.

CONSTRUCTION: The TDC consists of three main prefabricated units. These units comprise a drive end section, intermediate sections (the number of which determines the size and capacity of the machine) and a tail end section.

The steel used in the manufacture of these units is protectively coated inside and out improving lifespan and appearance. The drier trays are made from 2mm thick perforated steel and are supported by white Nylon rollers. Each section, including the intermediate sections includes a hinged inspection/access door to enable a sample of the product

TDC-95 Installed in U.A.E to be removed for testing. The Drive and tail sections include additional doors for easy maintenance and assembly.

OPERATION: The main principle behind the operation of the cooler is a travelling band formed from a number perforated steel trays pivoted between two chains.

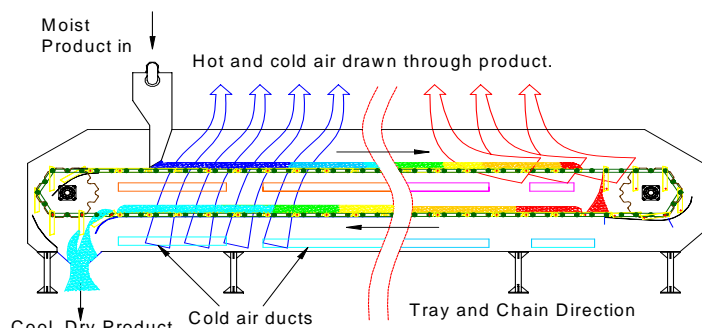
This conveying band eliminates attrition of the product by moving parts and is chain driven from an inverter speed controller. These flat trays carry measured amounts of product, at a uniform depth from the spreader in the drive section to the tail section where guides allow the trays to pivot and transfer the product from the top to bottom deck. On the bottom deck the guides relocate the trays back into the horizontal position prior to collecting the falling product from the top deck.

The drier is heated by high performance, high efficiency pressure jet oil burners. Aspiration of the drier bed is achieved via the use of individually adjustable aspiration hoods which are connected via a duct and cyclone system to a high performance fan unit.

The Alvan Blanch TDC range of cooler/driers can be tailored to meet a wide range demands/requirements and are infinitely variable with speed, capacity, bed depth and heat application easily controlled, altered and monitored.

S P E C I F I C A T I O N S

Model	Capacity Drier/ cooler.	Dimensions		
		L	W	H
TDC— 40	4 ton/hr	6.10	2.02	1.97
TDC— 75	7 ton/hr	10.30	2.02	1.97
TDC— 95	10 ton/hr	14.50m	2.02	1.97
TDC-102	12 ton/hr	16.60m	2.02	1.97



NOTES

- (1) Capacity will vary depending on product.
- (2) Capacity will be increased significantly if just used for cooling.