



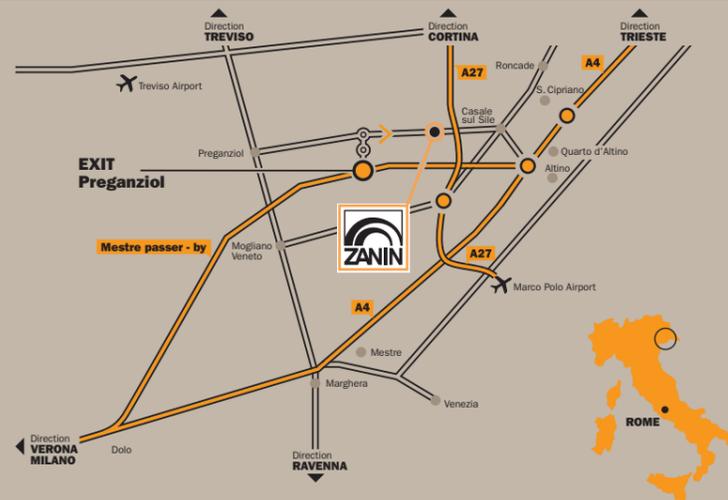
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DRYER CR SERIES WITH HEAT RECOVERY

RESELLER

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DRYER CR SERIES WITH HEAT RECOVERY

OPERATION

THE DRYING COLUMN is formed by a loading hopper and a number of modules with internal conical ducts immersed in the cereal, which descends by gravitational force, with mixed and crossing current movement. The cereal is hit by a counter current of hot air. It will be divided in exit, the superior part of air flow moved along in the environment, and the inferior part recycled.

The quantity of cereal exiting is pre-determined and regulated by a pneumatic extractor. Then the product is collected in an unloading hopper.

LESS

COMBUSTIBLE CONSUMPTION
ELECTRICAL POWER CONSUMPTION



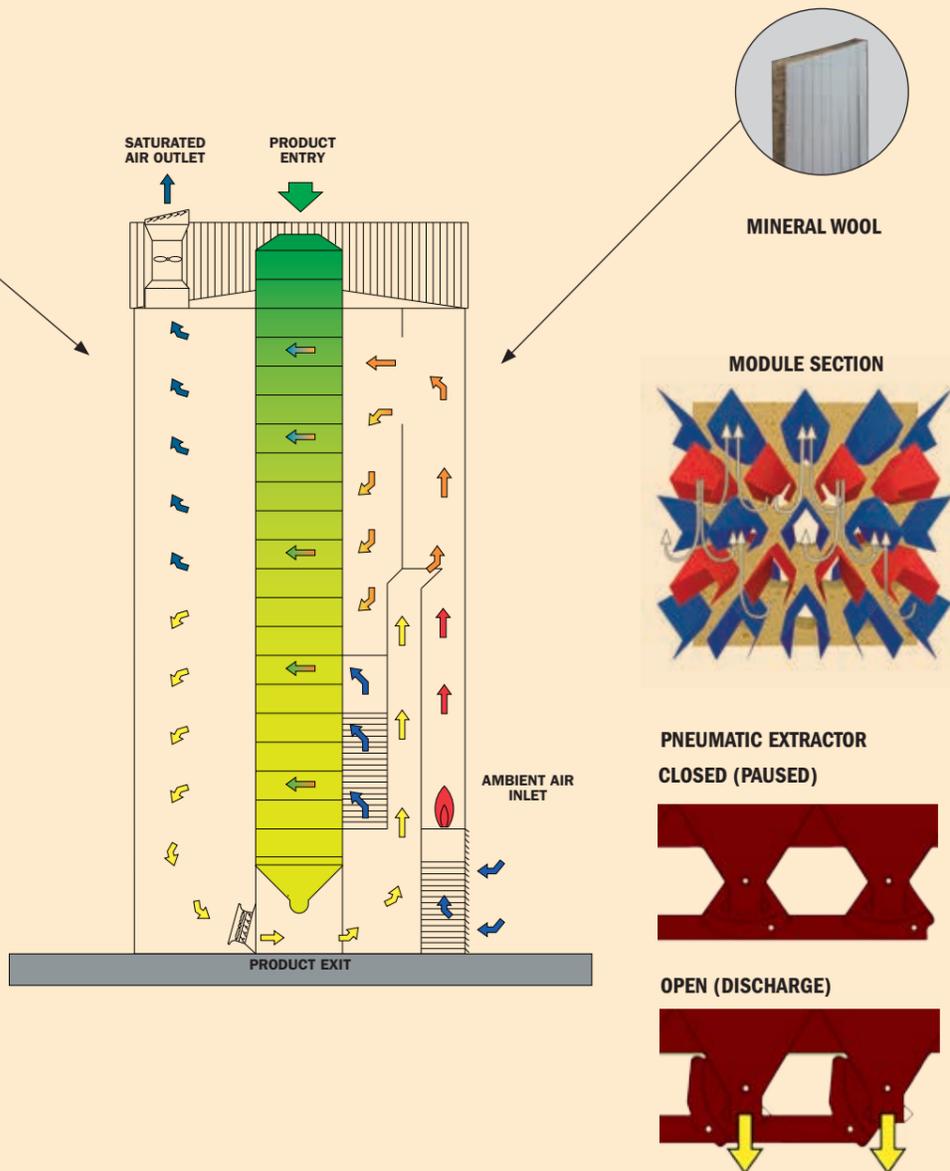
MINERAL WOOL



PRODUCT MOISTURE METER BY CONTACT (OPTIONAL)



TOUCHSCREEN PANEL



COMPONENTS

AIR DUCT

The panels that form the air chambers are built of sandwich panels in: mineral wool for the hot air part and for the saturated air. This avoids condensation and much inside the chamber. The walls are smooth both inside and outside. The versions are: Aluzinc - Galvanized - Painted in different colors - Aluminum - stainless steel 304. The inside of the dryer is built to accept rear standards and galleries with a rung ladder for check maintenance.

FANS

For drying, with maximum attention to details, the depression system is the most suitable because of dust containment. Every dryer is equipped with a fan or fans, variable blade axial type, having various diameters to fully exploit the machine yield with less consumption. ZANIN F.lli makes use of technologically advanced marks in the European fan sector to optimise the characteristics of their products.

HOT AIR GENERATORS

There are heating groups for drying:

- direct fire
- indirect fire
- diathermic oil or steam batteries

Fuels used are:

- methane gas
- GPL
- Gas oil
- Dense oil or by-products
- Bio mass

Types of burners are:

- pressurised
- air vein
- special burners for various types of fuels

ELECTRICAL PANEL

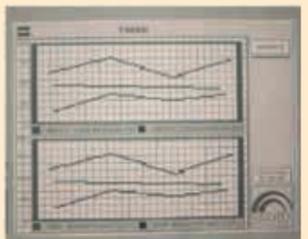
The dryer has electronic equipment with PLC management touch screen. Electronic system for moisture management of product with contact meter (product or air).



DRYING PLANT CR SERIES



NETWORKED PC FOR REMOTE CONTROL



WORK TREND

MODEL	CONTENTS SW 0,75		MAIZE from 35% to 14%	MAIZE from 28% to 14%	WIDTH mt.	LENGHT mt.	HEIGHT mt.
	m ³	Ton	CAPACITY t/24h	CAPACITY t/24h			
E2 18 CR	40	30	190	260	2,65	7,20	13,00
E2 24 CR	55	40	252	345	2,65	7,20	16,00
E4 18 CR	67	50	316	415	4,25	7,80	13,00
E4 24 CR	86	64	405	560	4,25	7,80	16,00
E4 30 CR	105	79	506	696	4,25	8,30	19,00
E6 24 CR	129	97	607	835	6,10	9,25	16,00
E6 30 CR	157	118	760	1044	6,10	9,25	19,00
E6 36 CR	186	140	912	1250	6,10	9,25	22,00

Supplied data have a tolerance of +/- and have been calculated under the following conditions:
 - ready and cleaned seeds, dried by 24h
 - Dryer supplied with natural gas
 Please consult in every case technical scheme.

N.B.

The company declines all responsibility for any inaccuracies in this brochure, reserving the right to make any modifications to their product as they feel appropriate.