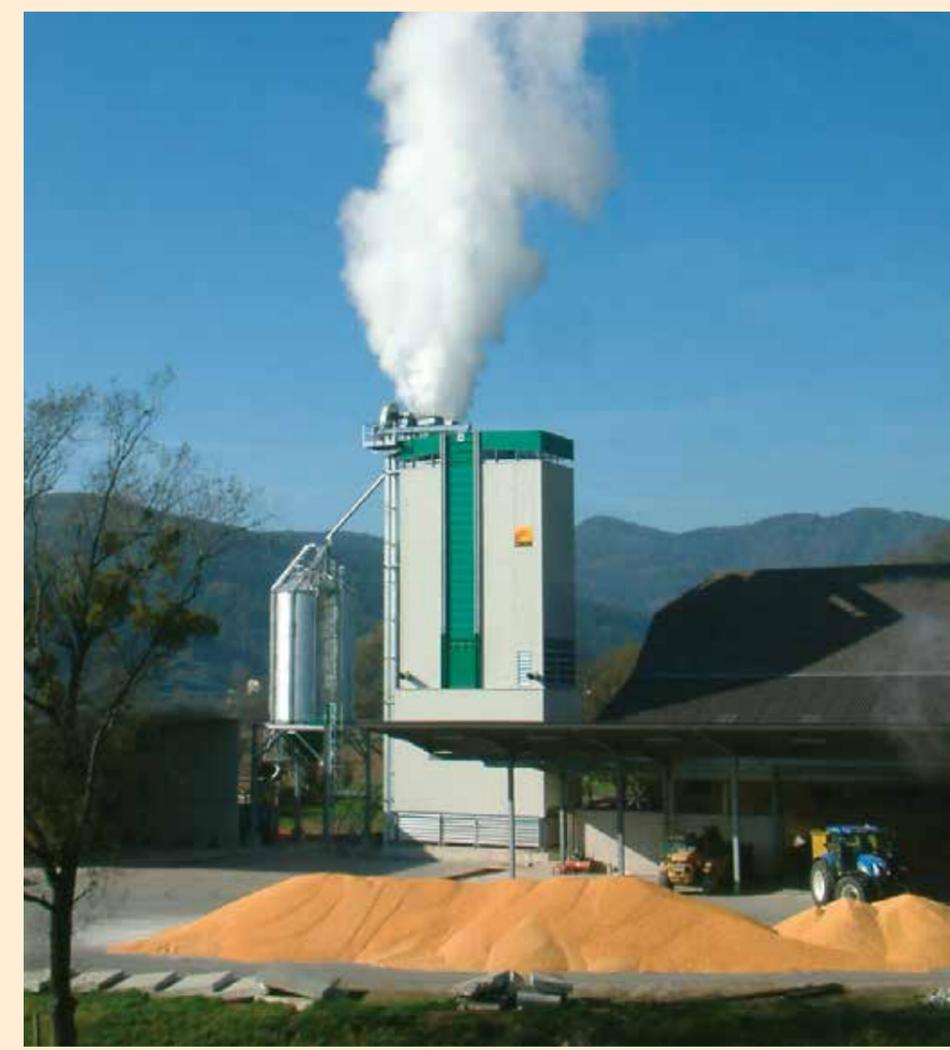


ZANIN-30-05-16



Photos by Glauco Granatelli, Walter Coledan, Dicaprio Veronica, Didier Descouens, Maik-T. Sebenik



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POWER SAVING DRYER ERCL SERIES

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WARNING: INFORMATION IS NOT BINDING, PLEASE REFER TO THE TECHNICAL DOCUMENTATION RELEASED DIRECTLY BY ZANIN F.LLI

RESELLER



POWER SAVING DRYER ERCL SERIES

LESS

COMBUSTIBLE CONSUMPTION
ELECTRICAL POWER CONSUMPTION
FISSURATIONS

MORE

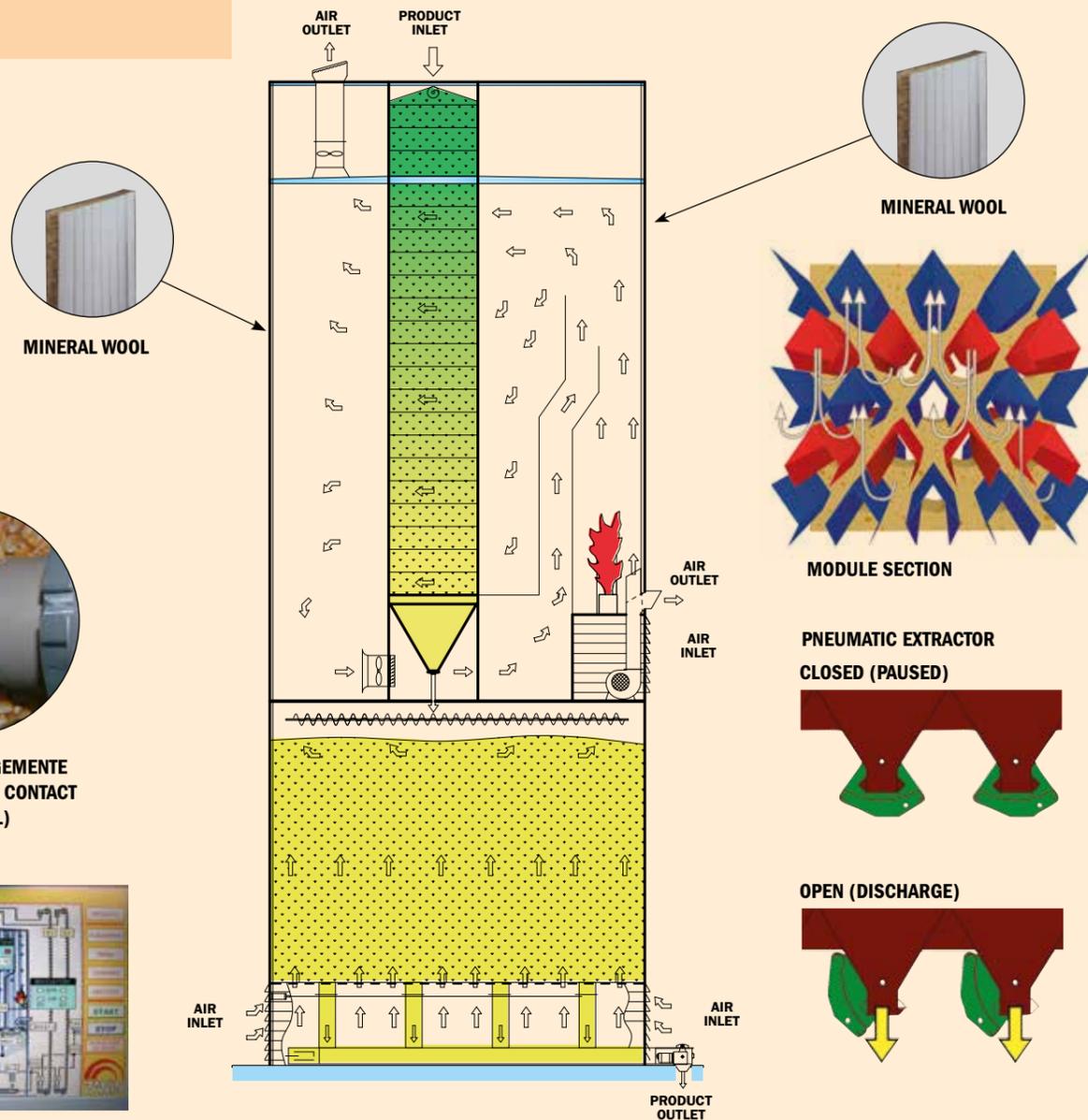
PROTEIN VALUE
SPECIFIC GRAVITY
HEALTHIER PRODUCT

**EXCELLENT WAREHOUSE
STORAGE**

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, which exits, part of it in the environment and 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. From the unloading hopper the cereal, still hot, is sent at intervals to the recovery area below and then to the cooling area for slow cooling. The extraction area is one, regulated by several pneumatic extractors so as to make the exiting mass of dried product as homogeneous as possible.



MOISTURE MANAGEMENT
OF PRODUCT WITH CONTACT
METER (OPTIONAL)



TOUCH-SCREEN

COMPONENTS

AIR DUCT

The panels that form the air chambers are built of sandwich panels in: mineral wool for both the hot air part and for the saturated air. This avoids condensation and mulch 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, fixed or 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

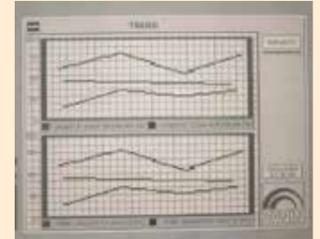
The dryer has electronic equipment with PLC management. Electronic system for moisture management of product with contact meter.



DRYING PLANT ERCL SERIES



NETWORKED PC FOR REMOTE
CONTROL



PROCESSING TREND

MOD.	CONTENTS s.w. 0,75		MAIZE from 35% to 14%	MAIZE from 28% to 14%	WIDTH m	LENGT m	HEIGHT m
	m ³	t	(CAPACITY t/24h)	(CAPACITY t/24h)			
E4 18 ERCL	298	223	396	518	4,4	8,0	21
E4 24 ERCL	392	294	528	700	4,4	8,0	24
E6 18 ERCL	407	305	595	792	6,4	8,0	21
E6 24 ERCL	540	405	792	1056	6,4	10	24,5
E6 30 ERCL	670	503	991	1320	6,4	10	27,5

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.