

CONTINUOUS FLOW DRYERS





CONTINUOUS FLOW DRYERS FOR EFFICIENT AND UNIFORM GRAIN DRYING

The high-tech, continuous flow, warm air dryers by Mepu dry the grain in a gentle, uniform, and energy-efficient manner. The efficiency of the dryers is on a high level.

The size, capacity, and power of the C series continuous flow dryers are flexibly adaptable. By adjusting the number of drying cells and grain bins, the drying solution can be tailored to the customer's needs.

SIMPLE AND QUICK UPKEEP AND MAINTENANCE

The tight ridge structure of carefully planned drying cells ensures gentle and even drying of the grain without the risk of overdrying or underdrying. The smooth inner surfaces of the drying unit are easy to keep clean, which means that upkeep and maintenance are simple and quick.

The galvanised material of C series dryers designed and manufactured in Finland ensures long service life. The versatile choice of dryer heating sources includes oil burners and direct gas burners.

In the smaller models, roller feed ensures accurate and even feeding under any circumstances. The larger models are equipped with tray feed providing for high feed efficiency in short time. Additionally, in larger dryers, the airflow can be turned off for the duration of the feed, which considerably reduces dust emissions.

A WIDE RANGE OF ACCESSORIES

In all models of the C series, the number of grain cooling cells is adjustable. In case of larger models, the standard equipment includes grids at the top of the burner keeping the grain away from the burner. Optimised airflow through the air channels ensures efficient and even drying.

Additional equipment include control system tailored to the customer's needs, dust separation system, dryer equipment heat insulation, silencers for main blowers, and maintenance platforms/ladders installed inside air channel for cleaning convenience.



C-Series	C3-38	C3-52	C3-71	C5-123	C8-246	C10-339
Corn 120 °C 20-15% [ton/h]	11,2	20,2	27	44,9	95,9	134,8
Wheat 100 °C 18-13% [ton/h]	12,3	22,2	29,6	49,3	105,2	147,9
Rapeseed 65 °C 12-8% [ton/h]	5,6	10,1	13,5	22,5	48	67,5
Grain volume [m3]*	38	52	71	123	246	339
Dryer height [m]	12,5	16	20	18	22	24

Ambient temperature 10°C and Ambient relative moisture 70%

*Grain volume calculated with weath, 18% moisture content. When drying from high moisture levels grain expands the -> maximum filling volume is lower.

Values are theoretically calculated and may vary depending on local conditions and cereal properties.



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