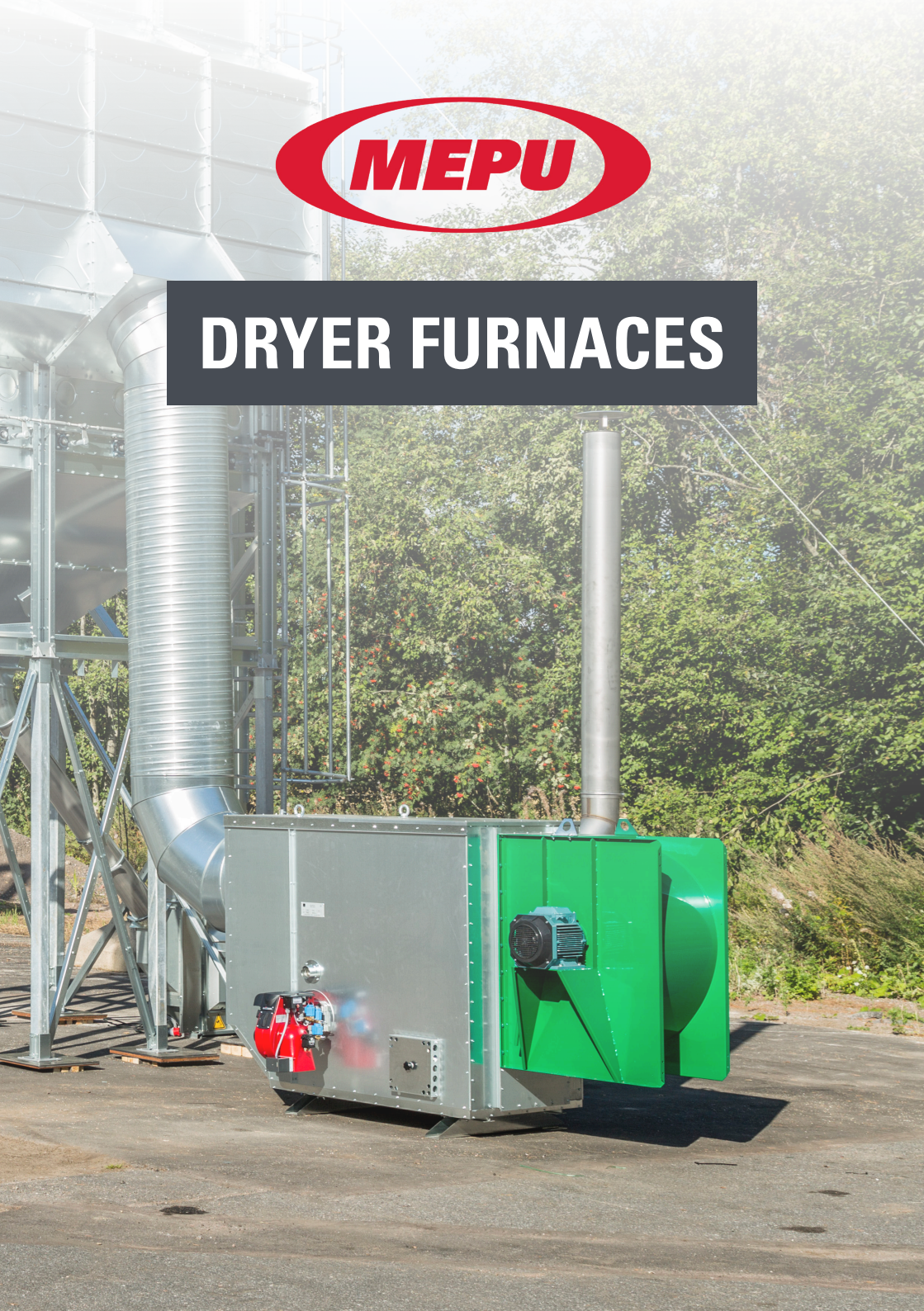




DRYER FURNACES



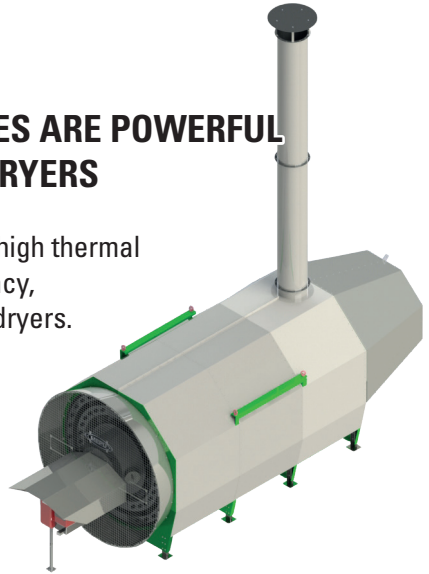
ECONOMIC AND EFFICIENT

DRYER FURNACES

Mepu's overpressure and negative-pressure furnaces famous for their reliability and high efficiency produce affordable heat through combustion of oil, gas, or biofuels such as wood chip or pellets. Fire chambers made of fire proof steel and stainless steel heat exchangers ensure long service life of the furnaces.

THE NEGATIVE-PRESSURE FURNACES ARE POWERFUL ENOUGH FOR EVEN THE LARGEST DRYERS

Mepu's negative pressure furnaces produce a high thermal power economically and with excellent efficiency, thereby meeting the needs of even the largest dryers. Negativepressure furnaces are suitable for the drying of both seed grain and fodder. They can be easily converted to operate on gas just by replacing the burner. All of the furnaces are equipped with Finnish-made Oilon oil burners.



Model	Width [cm]	Length [cm]	Burner [model]	Fan [kW]
500 kW	331,0	169,0	KP50H	according to drying volume
750 kW	443,5	145,0	KP80H	according to drying volume
1000 kW	541,1	181,4	KP90H	according to drying volume
1500 kW	644,6	223,5	KP150H	according to drying volume



DIRECT GAS BURNERS MAKE USE OF ALL THE ENERGY - 100% EFFICIENCY

Natural gas or liquefied petroleum gas characterised by exceptionally low emission rates are used as the fuel for Mepu direct gas burners. This allows leading the flue gases directly into the drying air, which means that no energy is lost.

The power of the burners can be steplessly adjusted down all the way to ten percent of the rated power.

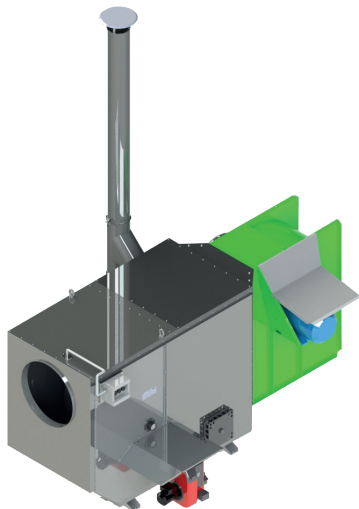
LINE BURNERS
814 - 16 280 kW
(0.6 – 15.9 MBTU)

CHANNEL BURNERS
175 - 4 650 kW
(2.8 – 55.5 MBTU)



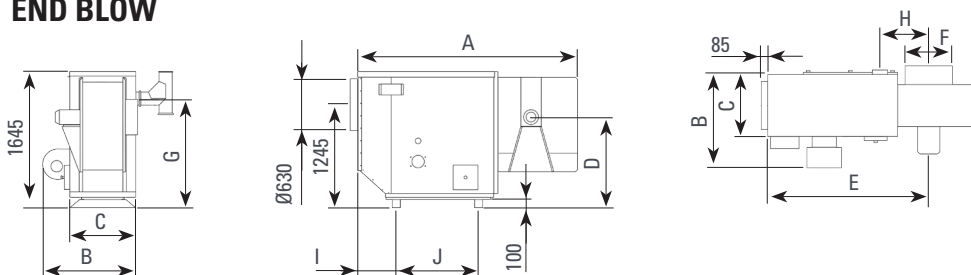
OVERPRESSURE FURNACES ENSURE EXCELLENT EFFICIENCY

The efficiency of Mepu overpressure furnaces is one of the best on the market. All of the furnaces are equipped with Finnish-made Oilon oil burners. Fire chambers made of fire proof steel and stainless steel heat exchangers ensure long service life of the furnaces. Fan configuration can be changed.

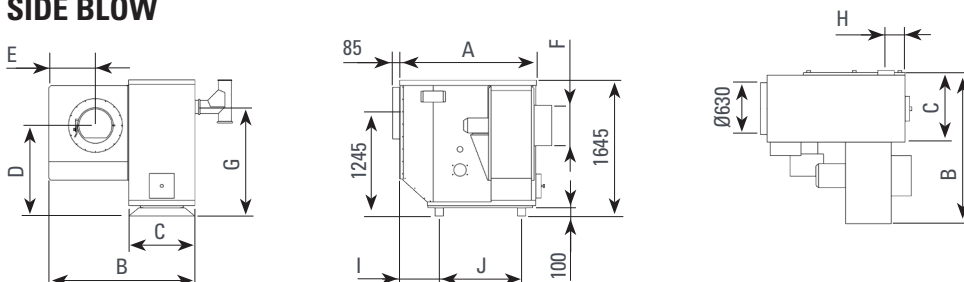


Model	210	250	310	400	500
A [cm]	267	267	281	309,2	328
B [cm]	120	120	130	1 570	157
C [cm]	85	85	95	105	105
D [cm]	109,5	106,5	101,5	100,5	100,5
E [cm]	210,8	214	223	244	264,5
F [Ø cm]	50	63	63	63	63
G [cm]	141	141	139,5	139,5	139,5
H [cm]	70,3	73,5	64	72	89
I [cm]	-	-	55	56	56
J [cm]	-	-	100	118,5	118,5
Heating power [kW]	210	250	310	400	500
Nozzle [gal]	4	4+2	5+2	6+3	8,5+4
Spray angle [°]	80	80	80	80	80

END BLOW



SIDE BLOW





WOOD CHIP FURNACES FOR AFFORDABLE HEAT

The Mepu wood chip furnaces producing heat at exceptionally low operating costs can be equipped with biofuel burner systems from different Finnish manufacturers. You can burn for example wood chips, peat, pellets and pre-cleaner waste with the wood chip furnace.

The wood chip furnace can be easily integrated into grain drying systems, since its own easy-to-use logic control will take care of the furnace's operation and the grain dryer's control system will take care of the dryer's operation. The furnace fan configuration can be changed when ordering.

The 500 – 800kW wood chip furnace by Mepu can be equipped with an 11 – 18.5kW centrifugal fan, as required. Further efficiencies can be reached by using several wood chip furnaces to supply sufficient energy for larger dryers.

The environment-friendly wood chip furnaces enduring continuous use allow significant savings in energy costs. The higher is the moisture level of the grain dried, the larger are the savings. The efficiency of the Mepu wood chip furnace's heat exchanger is excellent.



CONTACT US!

www.mepu.com



Mepu Oy reserves the right to make changes in the range, i.e. to the model, colour, equipment and price changes to the products it supplies, without any prior notification. The standard delivery contents of products may vary between different market areas. The photos in this brochure and in other publications may display equipment that are not included in the standard delivery. The performance values and technical specifications are intended as a guide. Check the delivery contents of the product with your Mepu reseller.



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