



Heat Exchange Box (Gas)

HEB G 60/90/180

Gas-fired drying equipment



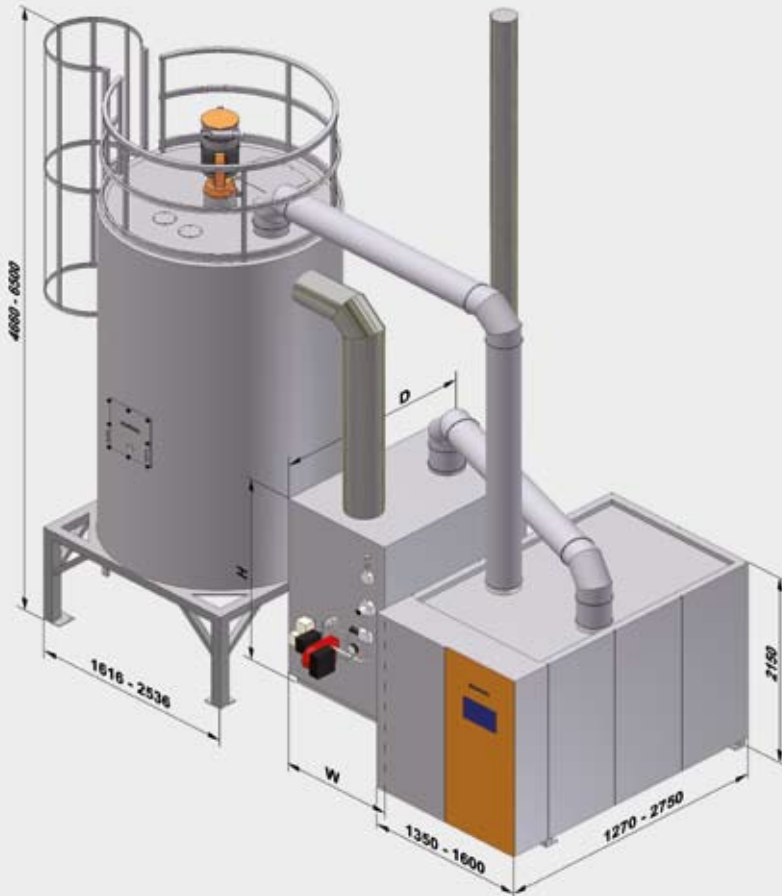
To reduce your production costs, Motan offers – in addition to the electrically heated dryers – the gas-fired drying technology.

Your benefits:

- High energy savings through
 - continuous high thermal efficiency
 - broad range of power adjustment
 - low exhaust gas losses
 - low dissipation losses
 - low noxious emission levels
- Easy to maintain
- Operation identical to all-electric drying system



LUXOR GAS with HEB G 60/90/180



Technical data

Heat Exchange Box	HEB G 60	HEB G 90	HEB G 180
Air volume range (m ³ /h)	700 - 1400	1200 - 2400	1800 - 3600
Heating (kW)	6 - 60	6 - 90	11 - 180
Gas connection	R 3/4"	R 3/4"	R 3/4"
Heating media	Natural gas H	Natural gas H	Natural gas H
Gas flow pressure (mbar)	20-50	20-50	20-50
Dimensions (mm)			
D	1660	1660	1940
W	1120	1120	1120
H	1640	2080	2080
Weight approx. (kg)	900	1000	1100
Colour RAL orange/grey	2011/7040		

Subject to technical changes.

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LUXOR GAS with HEB G 60/90/180

Cost benefits

By using natural gas, energy costs are reduced giving a fast return on investment.

Gas heat exchanger

Instead of an electrical process heater, the Motan LUXOR GAS drying system uses the gas-fired heat exchanger box HEB G.

Contrary to the common technology, the special combustion technology is more efficient and produces less noxious emission levels.

Thanks to the high-quality industrial burner, the heat output can be adjusted to the actual requirement.

The highly efficient heat exchanger provides for optimum heat transmission. Encapsulated thick insulation reduces dissipation losses greatly.

LUXOR GAS dryer

Just like the all-electric drying systems, the identically designed LUXOR GAS offers the same energy-based/process engineering advantages of the Motan ETA technology, such as heat recovery during regeneration, after-cooling with dry air and moisture content-dependent regenerating time.



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