



Mobile systems

Fully automatic
heating plants 400-3000 kW

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www.linka.dk



Linka mobile heating systems



The fully automatic system is PLC controlled and monitors its own performance, ensuring optimal operation.

The system can also be controlled and monitored remotely via the Internet.



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Calorific value

Calorific value:

The average consumption of wood pellets with a calorific value of 17.5 MJ/kg (4185 kcal/kg) and a 6% water content is 0.22 kg for the production of 1 kWh of heat energy. 1 litre of fuel oil = 2.2 kg of wood pellets. Ash: 0.5%

Hearth



Pellet transport

Fuel utilisation

In the water-cooled hearth, which is manufactured from hardened acid-resistant steel, wood pellets are converted into heat at temperatures of between 1000 and 1200 °C. The hearth and boiler transfer the heat directly to the circulating boiler water.

The effective fuel and combustion air mixture in the hearth ensures complete burning of the fuel, resulting in efficiency levels of up to 93%.

Pellet transport

Pellets are transported from the fuel tank to the stoker via a screw feeder.

Ash removal

Automatic ash removal keeps daily work on the system to a minimum.

Mobile systems – a flexible solution

Linka mobile heating systems are an ideal solution if no boiler room is available or if you wish to be able to move the plant as and when required.

The complete system including boiler, heat exchanger, multicyclone, plumbing and electricity installations, etc. comes mounted in the insulated steel container/boiler room.

The system is delivered and erected by a crane on a prepared concrete foundation.





Linka boilers



Linka 70-93 series



Linka H-series

Optimal operation and efficiency

Linka boilers are constructed as traditional 3-pass boilers with a large firebox and horizontal flue gas pipes.

The large water capacity of Linka boilers ensures good heat accumulation, which combined with the large heating surface optimises operation and reduces the number of boiler starts.

The large convection section with its smooth boiler flues ensures effective cooling of the flue gases, resulting in efficiency levels of up to 93%.

Unique and flexible

The hearth is specially developed for use with biofuels, but if energy policies should change, Linka boilers can be fitted with an oil or gas burner and still achieve the same high levels of efficiency.

Quality standards

The boilers meet the following standards: AT (Denmark), SWEDAC (Sweden) and TÜV (Germany).

The boilers are manufactured from high-quality steel from Europe's leading steel works.



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LIN-KA Maskinfabrik A/S is located in West-Jutland, Denmark. LIN-KA is the leading supplier to the Danish market of high-tech heat production solutions using biofuels. The company employs approximately 30 trained specialists. In the 30 years in which LIN-KA has existed, we have delivered several thousand fully automatic units to customers in Denmark and across Europe.