Wood pellets

Fully automatic heating plants 200-5000 kW

www.linka.dk
Linka wood pellet heating plants

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.
Fuel utilization
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.

Mobilanlæg
A mobile version of the system is also available and comes mounted in a container. Systems are available with an output of between 400 and 3000 kW.

Wood pellets
Wood pellets are available across Europe and can normally be delivered from one day to the next. The solid fuel tank capacity is determined on a case by case basis, in accordance with customer requirements, system size, operational philosophy, etc.
Optimal operation and efficiency
Linka boilers are constructed as traditional 3-pass boilers with a large fire box and horizontal flue gas pipes.

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), SA (Sweden) and TÜV (Germany). The boilers are manufactured from high-quality steel from Europe’s leading steel works.