

ECONOMICS & VERSALITY

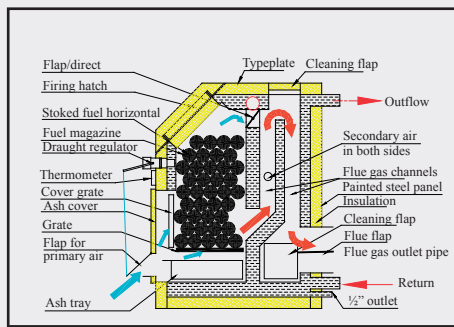
Blacksmith's Stoker furnace is a complete unit with stoker and solid fuel burner together. All parts are screened. The unit can be supplied for installation on either the left or right side of the boiler. The unit is equipped with a variable speed fan to minimise intermittent firing, thus achieving better economy. The system's output ranges from 5 to 18 kW when firing with wood pellets. The system can be equipped with a stirrer – an advantage when burning fuels such as woodchips and fine biofuels as these fuels can form a "bridge", making it difficult for the feeder screw to grasp the fuel. The stirrer is equipped with its own geared motor and control program, where the time between stirring can be set to avoid solid packing of the fuel.

The Stoker can be fired with wood pellets, olive seeds, grain, fine biofuels and rape/canola pellets. The solid fuel boiler can accommodate pieces of wood up to 50 cm.



Grain Wood pellets Olive seeds Wood chips Wooden logs

THE BOILER ...



TECHNICAL DATA

For a complete Stoker burner:

Output: 5-18 kW with wood pellets.
 Fuel magazine volume:
 300 – 550 – 750 litres.

Wood pieces which can be accommodated by the boiler: 500 mm.

System power supply: 400 volts, three-phase, neutral and earth, 16 amp CEE plug.

Water connection: 1/2".

Feeder screw: 85 mm.

Feeder screw motor: 400 volts.

Outward and return flow to boiler: 1".

Flue pipe diameter from boiler, external dimension: 155 mm.

Minimum draught in chimney:
 22 Pa, 2.2 mm. VS.

Installation of Stoker on boiler:
 left or right side.

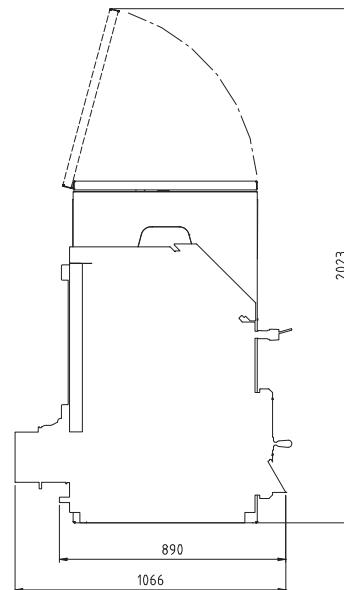
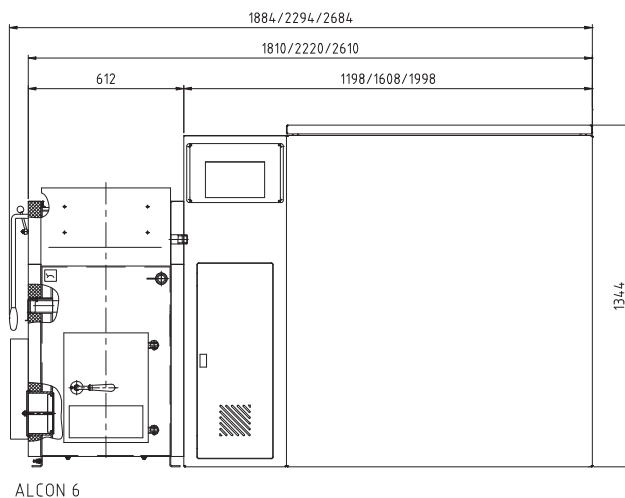
Extra equipment: stirrer with separate geared motor and program. Oxygen control. Electric ignition. Ash scraper. Draught regulator.

Approved by the Institute of Technology under EN303-5.

Efficiency 89.4% with wood pellets.

Guarantee: 2 years.

INSTALLATION PLAN



Dealer: