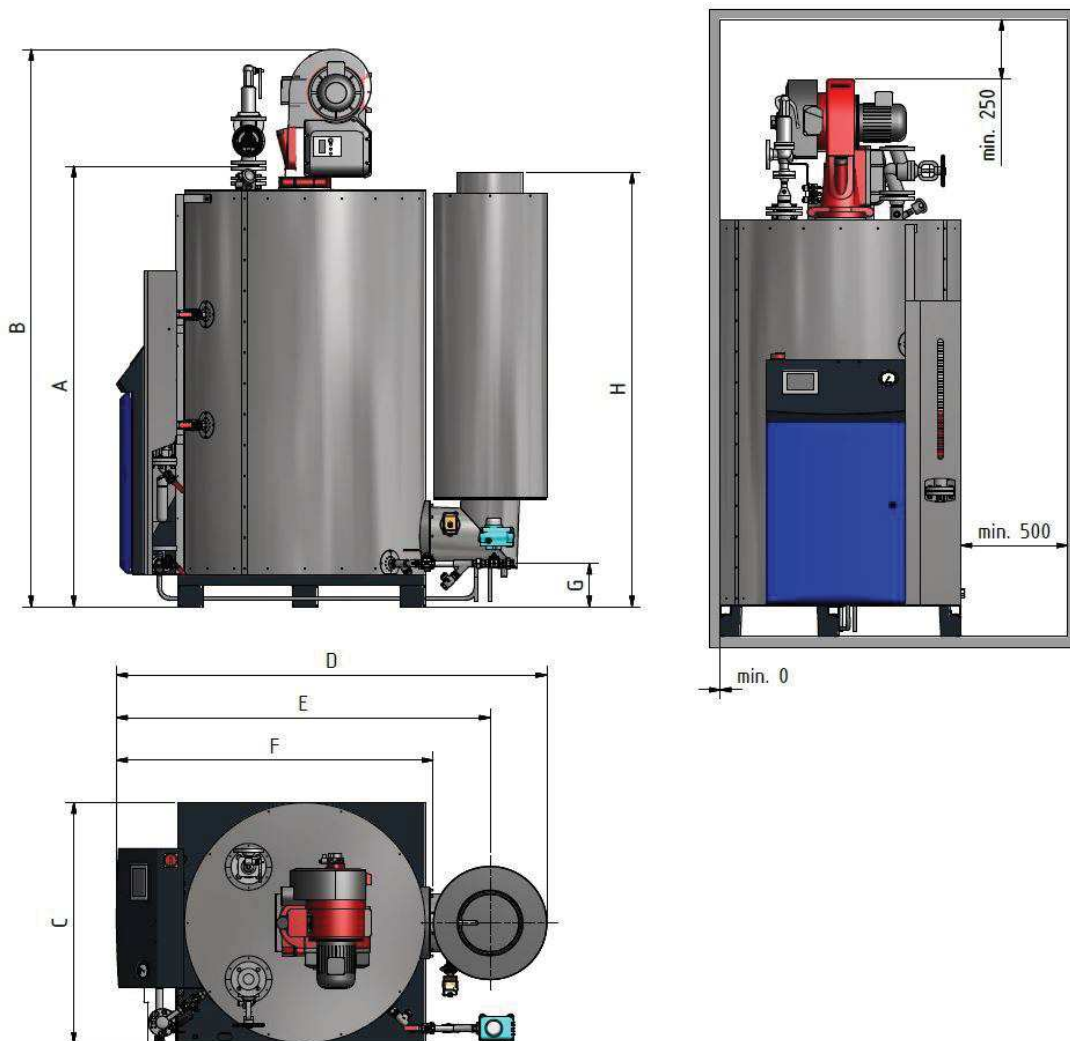


13 Annex

13.1 Dimensions of steam boiler FLO



Boiler type	FLO1060
Charging width	1130 mm
Charging depth	1196 mm
Charging height A*	2,071 mm
Total height B*	2,620 mm
Total width C	1,130 mm
Total depth D	2,019 mm
Depth E (with economiser twisted by 90°)	1,753 mm
Depth F	1,485 mm
Height G, exit blow-down line	205 mm
Height H*, exit flue gas	2,041 mm

*) Heights can be reduced up to 100mm on request. However, only limited stacker transport is possible in this case.

13.2 Further technical data steam boiler FLO

Type steam boiler:	FLO1060
Steam output up to	1060 kg/h 17.7 kg/min
Max. operating pressure	13 bar
Max. working pressure	11 bar
Heat load	760 kW
Heat output	720 kW
Total volume (incl. Eco)	228 litres
Low water level	40 litres
Heat up time in min	10
Max. oil throughput (11.8 kWh/kg)	64.4 kg/h
Max. gas flow rate (10.35kWh/m ³)	73.4 m ³ /h
min. gas flow pressure (10.35 kWh/m ³) (at the burner at 2" pipe)	22 mbar
Connection flue gas system connecting piece (inner diameter))	301 mm
Flue gas mass flow	0.34 kg/s
min. flue draught (at 150°C)	5 Pa
Power supply	400V/50Hz
Power supply value	6 kW
Ambient temperature	5°C – 35°C
Net weight (incl. burner)	2250 kg
Noise level Oil	79 dbA
Gas	79 dbA
Connection gas	2"
Connection steam valve (PLANAL)	DN50
Connection feed water (female thread)	1"
Connection relief valve (PN16)	DN32
Connection blow down (female thread)	¾"
Connection sampling cooler (male thread)	¾"
Connection exhaust condensate at the economiser (female thread)	½"

These data are applicable for the following operating conditions:

- Use of a flue gas heat exchanger (economiser)
- Feed water temperature of 90 °C
- Operating pressure of 6 barg
- Operation at max. 100m above sea level