

Burners

CODE 35950010

**TBL 160 P 50HZ**



Diesel burner. Two-stage operation

Gas burner with low NOx and CO emissions in accordance with European standard EN267: class 2.

Regulating combustion air and blast-pipe.

Combustion air intake with throttle damper. Air flow adjustment with hydraulic jack.

Combustion air intake designed to achieve optimum linearity of the air gate opening.

Maintenance facilitated by the possibility of removing the combustion head without having to remove the burner from the boiler.

Sliding boiler coupling flange to adapt the blast-pipe to the various types of boilers.

Fuel supply circuit made of gear pump with pressure adjustment, shut-off valves and safety valve

Flame detection by photoresistance.

Control panel with display diagram for working mode with indication lights .

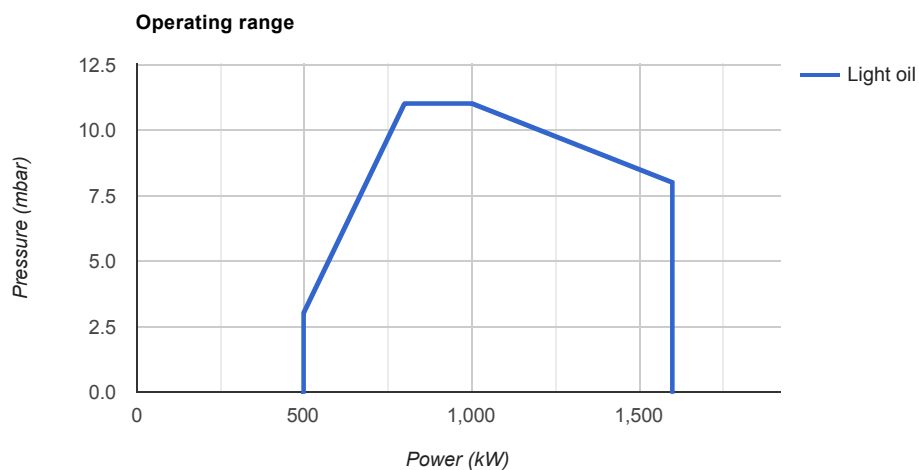
Electric control board in light aluminum alloy with IP55 protection rating

7-pole socket for burner electric and thermostatic supply.

4-pole socket for second stage control.

Electric protection rating:

## Operating range



## Technical data

Tipo articolo

Diesel burner. Two-stage operation

Emissioni Lato Gasolio

Gas burner with low NOx and CO emissions in accordance with European standard EN267: class 2.

Regolazione aria e testa

Regulating combustion air and blast-pipe.



Regolazione aria	Combustion air intake with throttle damper. Air flow adjustment with hydraulic jack.
Ingresso aria	Combustion air intake designed to achieve optimum linearity of the air gate opening.
Fuel	Gasolio
Operation	Bistadio
Minimum Thermal Power (kW) to ErP	500
Maximum Thermal Power (kW) to ErP	1600
Min flow rate (Sm <sup>3</sup> /H)	42
Max flow rate (Sm <sup>3</sup> /H)	135
Manutenzione facilitata	Maintenance facilitated by the possibility of removing the combustion head without having to remove the burner from the boiler.
Max Viscosity (°E)	1.5
Flangia	Sliding boiler coupling flange to adapt the blast-pipe to the various types of boilers.
Circuito combustibile	Fuel supply circuit made of gear pump with pressure adjustment, shut-off valves and safety valve
Controllo fiamma	Flame detection by photoresistance.
Quadro comandi	Control panel with display diagram for working mode with indication lights .
Quadro comandi	Electric control board in light alluminum alloy with IP55 protection rating 7-pole socket for burner electric and thermostatic supply.
Presse 4 poli	4-pole socket for second stage control.
Protezione elettrica	Electric protection rating:
Electric power supply type	AC
No. of Phases	3N
Power Supply Voltage (V)	400
Power Supply Frequency (Hz)	50
Fan Motor Power (kW)	2.2
Weight without packaging (kg)	69
Weight with packaging (kg)	90
Width (mm)	1070
Depth (mm)	800
Height (mm)	700