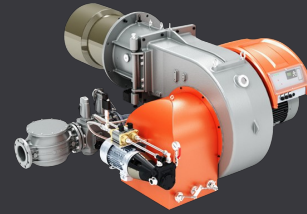


Burners

CODE 67530010

TBML 1600 ME 50HZ



Burner with alternate methane gas/diesel fuel supply, EC approved according to European Directives EN676 and EN267. Electronic modulating operation

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

Regulating combustion air

Combustion air intake with throttle damper. Electric cam air flow adjustment

Fully closing air damper on shutdown to avoid loss of heat through the chimney

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

Fixed boiler coupling flange

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

Flame detection by means of infrared IRD photocell

Control panel equipped either with display showing the working process and with the keyboard for the burner adjustment

Electrical system with protection rating IP54

Gas side burner with low NOx and CO emissions in accordance with European standard EN676: class 2

Easy maintenance thanks to the two-sides hinge which allows the removal of the combustion head without having to remove the burner from the boiler

Modulation ratio: gas 1:8, diesel 1:4

CE version main gas train is complete with operation and safety valve with electromagnetic drive, valve tightness control, minimum and maximum pressure switch, pressure regulator and gas filter

Fail proof connectors for burner/gas train connection

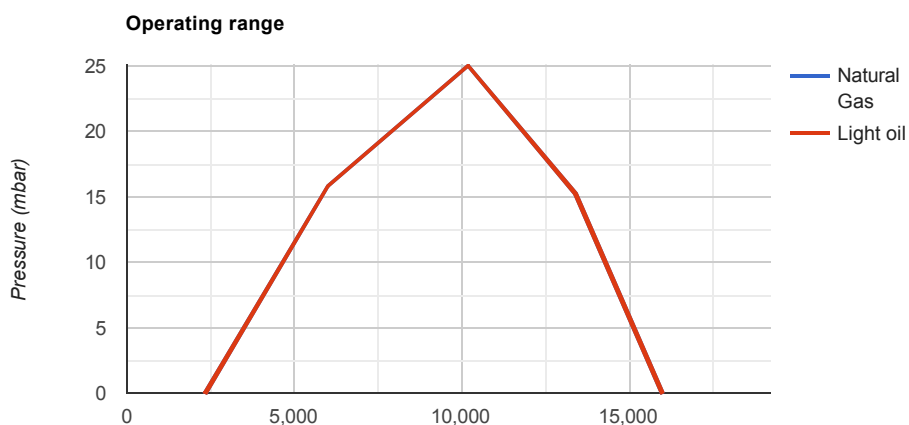
Gas train exit: low

Electric motor for pump drive

Atomisation unit with magnet to control the outlet/nozzle return pins

Manual fuel switching

Operating range



Technical data

Tipo articolo	Burner with alternate methane gas/diesel fuel supply, EC approved according to European Directives EN676 and EN267. Electronic modulating operation
Rapporto Modulazione	Modulation ratio: gas 1:8, diesel 1:4
Emissioni Lato Gas	Gas side burner with low NOx and CO emissions in accordance with European standard EN676: class 2
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
Regolazione aria	Combustion air intake with throttle damper. Electric cam air flow adjustment
Chiusura aria	Fully closing air damper on shutdown to avoid loss of heat through the chimney
Fuel	Metano
Operation	Modulante Elettronico
Minimum Thermal Power (kW) to ErP	2340
Maximum Thermal Power (kW) to ErP	16000
Min flow rate (Sm ³ /H)	248
Max flow rate (Sm ³ /H)	1693
Second Fuel	Gasolio
Second Fuel Operation	Modulante Elettronico
Second Fuel Min Thermal Power (kW)	4000
Second Fuel Max Thermal Power (kW)	16000
Manutenzione facilitata	Maintenance facilitated by the possibility of removing the combustion head without having to remove the burner from the boiler
Min flow rate (kg/h)	337
Max flow rate (kg/h)	1349
Max Viscosity (°E)	1.5
Flangia	Fixed boiler coupling flange
Cerniera	Easy maintenance thanks to the two-sides hinge which allows the removal of the combustion head without having to remove the burner from the boiler
Gas Train	CE version main gas train is complete with operation and safety valve with electromagnetic drive, valve tightness control, minimum and maximum pressure switch, pressure regulator and gas filter
Connettore rampa gas	Fail proof connectors for burner/gas train connection
Uscita della rampa gas	Gas train exit: low
Motore	Electric motor for pump drive
Circuito combustibile	Fuel supply circuit made of gear pump with pressure adjustment, shut-off valve, shut-off valves and safety valve, safety pressure switch
Gruppo polverizzatore	Atomisation unit with magnet to control the outlet/nozzle return pins
Commutazione combustibile	Manual fuel switching
Controllo fiamma	Flame detection by means of infrared IRD photocell
Quadro comandi	Control panel equipped either with display showing the working process and with the keyboard for the burner adjustment
Protezione elettrica	Electrical system with protection rating IP54
Electric power supply type	AC
No. of Phases	3N
Power Supply Voltage (V)	400
Power Supply Frequency (Hz)	50

Fan Motor Power (kW)	30
Weight with packaging (kg)	850
Width (mm)	2470
Depth (mm)	2050
Height (mm)	1420