



GI 500 ME 50Hz

Code: 66410020

Series: GI ME

Technical and functional features

- Two-stage progressive burners, dual fuel natural gas/heavy oil firing..
- Power modulation operation with electronic controller built into burner command apparatus (order specific modulation kit).
- Compatible with any type of combustion chamber.
- Air-gas mixing at blast-pipe.
- Ability to obtain optimal combustion values by regulating combustion air and blast-pipe.
- Maintenance facilitated by the fact that the mixing unit can be removed without having to remove the burner from the boiler.
- Minimum and maximum air flow regulation for first and second stage by means of electric servomotor with pause closure of gate to prevent any heat dispersion to flue.
- Tightness gas valve control included in the sequence controller..
- Comes with 1 flange and 1 insulating seal to connect the burner to the application.

Design features

- Light aluminium alloy fan part.
- High performance centrifugal fan.
- Air intake with butterfly gate for the regulation of the air combusting flow rate.
- Sliding boiler coupling flange to adapt the head protrusion to the various types of boilers.
- Adjustable blast-pipe with stainless steel nozzle and deflector disk in steel.
- Flame viewer.
- Three-phase electric motor to run fan.
- Air pressure switch to ensure the presence of combustion air.
- Electric servomotors for simultaneous regulation of combustion air and fuel.
- Gas train complete with control valve, operating and safety valves, valve seal control, minimum and maximum pressure switch, pressure control and gas filter.
- Microchip sequence controller (electronic cam), built-in valve tightness control and eBus connection - EN 298/TRD 604..
- Display visualizzatore della sequenza di funzionamento, percentuale del carico, numero avviamenti, ore di funzionamento.
- Memorizzazione degli ultimi 10 blocchi con riconoscimento causa attraverso codice guasto.
- Protocolli di comunicazione disponibili (opzione): MODUBUS, PROFIBUS, CAN-BUS, INTERBUS-S.
- Infra Red cel flame scanner.
- Synoptic control panel including on/off and burner off switches, operation and shutdown indicator lights.
- Terminal block for the electrical and thermostatic supply for the burner.
- Electrical plant protection rating IP40.

Technical Data - GI 500 ME 50Hz:

Minimum Rated output	700	kW
Maximum Rated output	5000	kW
Maximum gas flow rate	503	m3/h
Motor rated power	15	kW
Electric Power Supply Phase	3	N
Electric Power Supply Frequency 1	50	Hz
Electric Power Supply Current	AC	

