

TBL 45 LX 50Hz

Code: 35730010

Series: TBL LX



Technical and functional features

- Low NOx and CO light oil burners , EN267 (Class III).
- Two-stage operation (high/low flame).
- Not suitable for reverse flame boilers..
- High blowing efficiency, low electrical input, low noise.
- High pressure mechanical atomisation of fuel using nozzle.
- Ability to obtain optimal combustion values by regulating combustion air and blast-pipe.
- Exhaust gas recycling blast-pipe able to achieve very low pollutant emissions, particularly with regard to nitrous oxides (NOx).
- Maintenance facilitated by the fact that the atomisation unit can be removed without having to remove the burner from the boiler.
- 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.
- Electric panel set up with a 4 and 7 pole plug/socket connection .
- Electrical protection rating IP40.
- Comes with 4 and 7-poles connectors, 2 flexible oil pipes, 2 nozzles, 1 oil filter, 1 flange and 1 insulating seal to connect the burner to the application.

Design features

- Light die-cast aluminium ventilation unit.
- High performance centrifugal fan.
- Combustion air intake with air flow adjustment device.
- Adjustable blast-pipe with stainless steel nozzle and deflector disk in steel.
- Sliding boiler coupling flange to adapt the head protrusion to the various types of boilers.
- Three-phase electric motor to run fan and pump.
- Gear pump with pressure regulator and fuel stop-cock valves.
- Air pressure switch to ensure the presence of combustion air.
- Flame viewer.
- Sequence controller - EN 230..
- Flame scanning by ionisation electrode with microammeter plug.
- On-board terminal box and separate control panel comprising stop/ go switch, 1st/2nd stage selector, operation and block indicator.
- Terminal block for the electrical and thermostatic connections to the burner and to control the second stage of working.

Available version on request

- Biodiesel operation.

Technical Data - TBL 45 LX 50Hz:

Minimum Rated output	130	kW
Maximum Rated output	450	kW
Minimum light oil flow rate	11	kg/h
Maximum light oil flow rate	38	kg/h
Fuel max viscosity	1.5	°E
Motor rated power	0.5	kW

Electric Power Supply Phase	3	N
Electric Power Supply Frequency 1	50	Hz
Electric Power Supply Current	AC	
Electric Power Supply Voltage	400	V
Weight	33	kg
Pack Width	920	mm
Pack Height	480	mm
Package depth	570	mm
Weight of Packaging	34	kg