

industrial burners

novanta-cinquecento-mille series

INDUSTRIAL

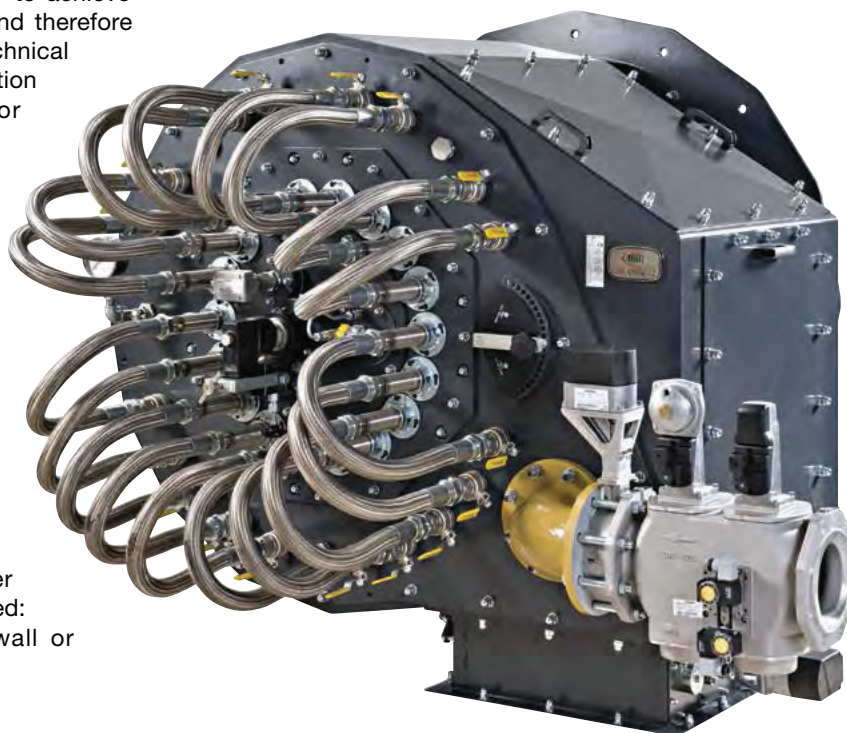
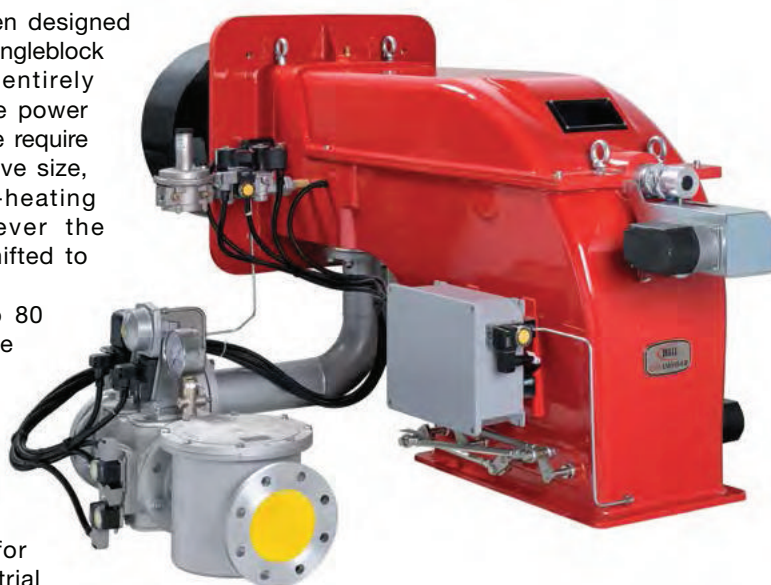
BURNERS FOR INDUSTRIAL APPLICATIONS WITH SEPARATE FAN

These industrial burners have been designed for all those applications in which singleblock models are poorly suited or entirely inadequate, such as wherever the power values at the firing would otherwise require the use of built-in fans of excessive size, whenever combustion air pre-heating is provided, or again, whenever the primary noise source must be shifted to soundproofed areas.

The range runs from 264 kW to 80 MW power in different constructive versions as required by the type of final system or specific client needs.

Aluminium casting is usually used for the lower power models (up to 19 MW), while steel construction is adopted for higher power models. This industrial burner design project was developed to obtain the greatest versatility in order to achieve the objectives posed by the client, and therefore in respect of the widest range of technical specifications. For example, combustion heads with air inlet from above or below the firing, axial or tangential air flow, or registers for turbulence adjustment and other features can be provided. This means that the machines can be personalised as required by size and performance in different industrial sectors that offer differ widely one from another. All the combustion heads are obviously available in the versions for liquid, gaseous or mixed fuels. Personalisation in these cases is almost inevitable and entirely feasible with our range, and all such requests are carefully analysed, one by one. Each system can be further distinguished by the equipment provided:

- built-in or separately-mounted (wall or console) control panels
- electronic or mechanical adjustment
- oxygen flow control
- flue gas re-circulation
- combustion air heated up to 200°C
- combustion oil thrust unit
- combustion oil heating unit





TECHNICAL DETAILS

TP gas series

Type	Min modulation output kW	Min application output kW	Max output kW
TP90A	320	1.610	2.300
TP91A	480	1.869	2.670
TP92A	480	2.135	3.050
TP93A	550	2.870	4.100
TP512A	600	3.150	4.500
TP515A	770	3.640	5.200
TP520A	1.000	4.480	6.400
TP525A	2.000	6.825	9.750
TP1030	2.500	9.100	13.300
TP1050	3.500	10.850	15.500
TP1080	3.500	13.300	19.000



TLX gas series LOW NOx

Type	Min modulation output kW	Min application output kW	Max output kW
TLX90	288	1.036	1.480
TLX91	674	1.406	2.008
TLX510	800	2.275	3.250
TLX515	770	3.080	4.400
TLX520	1.000	4.060	5.800
TLX1025	1.000	6.020	8.600
TLX1030	2.600	9.100	13.300
TLX1050	3.500	10.850	15.500



TG series light oil

Type	Min modulation output kW	Min application output kW	Max output kW
TG90	264	1.330	1.900
TG91	698	1.465	2.093
TG92	849	1.791	2.558
TG510	1.314	2.767	3.953
TG515	1.628	3.419	4.884
TG520	2.326	4.884	6.977
TG525	2.000	6.825	9.750
TG1030	2.500	9.100	13.300
TG1050	3.500	10.850	15.500
TG1080	3.500	13.300	19.000

