

industrial burners

novanta-cinquecento-mille series

INDUSTRIAL

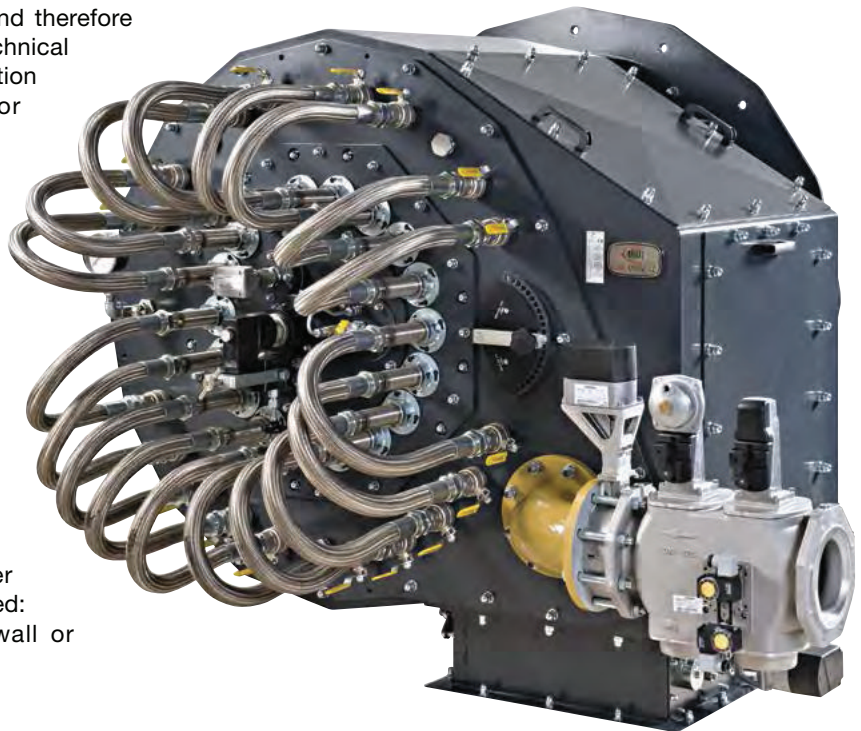
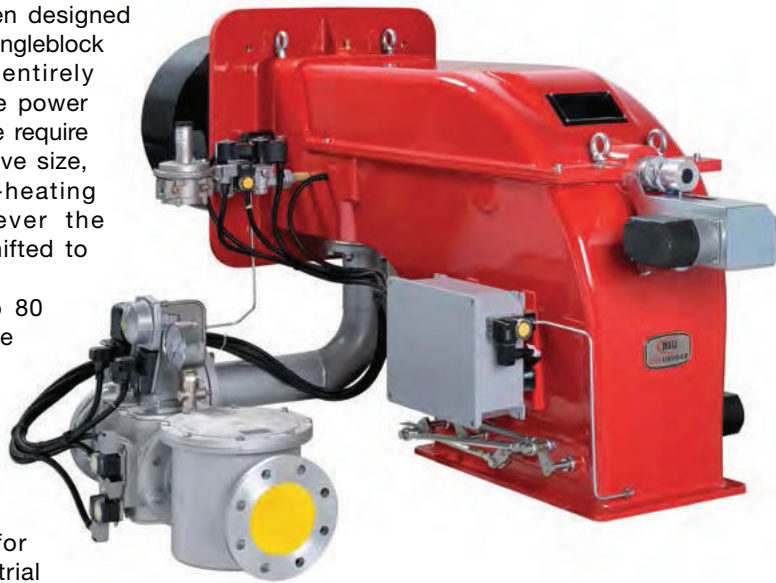
BURNERS FOR INDUSTRIAL APPLICATIONS WITH SEPARATE FAN

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

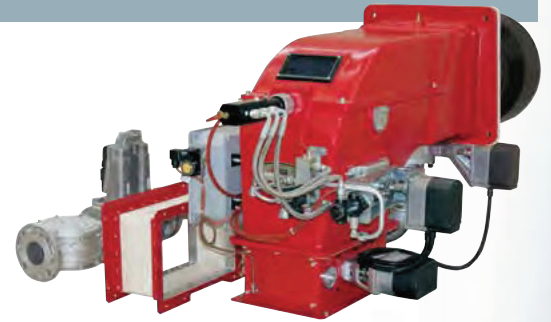




TECHNICAL DETAILS

KTP series dual fuel gas/heavy oil with viscosity up to 400 cSt at 50°C (50°E at 50°C)

Type	Min modulation output kW	Min application output kW	Max output kW
KTP90A	320	1.610	2.300
KTP91A	480	1.869	2.670
KTP92A	480	2.135	3.050
KTP93A	550	2.870	4.100
KTP512A	600	3.150	4.500
KTP515A	770	3.640	5.200
KTP520A	1.000	4.480	6.400
KTP525A	2.000	6.825	9.750
KTP1030	2.500	9.100	13.300
KTP1050	3.500	10.850	15.500
KTP1080	3.500	13.300	19.000



KTPBY series dual fuel gas/heavy oil with viscosity up to 4000 cSt at 50°C (530°E at 50°C)

Type	Min modulation output kW	Min application output kW	Max output kW
KTPBY90	320	1.610	2.300
KTPBY91	480	1.869	2.670
KTPBY92	480	2.135	3.050
KTPBY93	550	2.870	4.100
KTPBY512	600	3.150	4.500
KTPBY515	770	3.640	5.200
KTPBY520	1.000	4.480	6.400
KTPBY525	2.000	6.825	9.750
KTPBY1030	2.500	9.100	13.300
KTPBY1050	3.500	10.850	15.500
KTPBY1080	3.500	13.300	19.000

