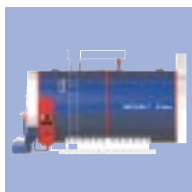
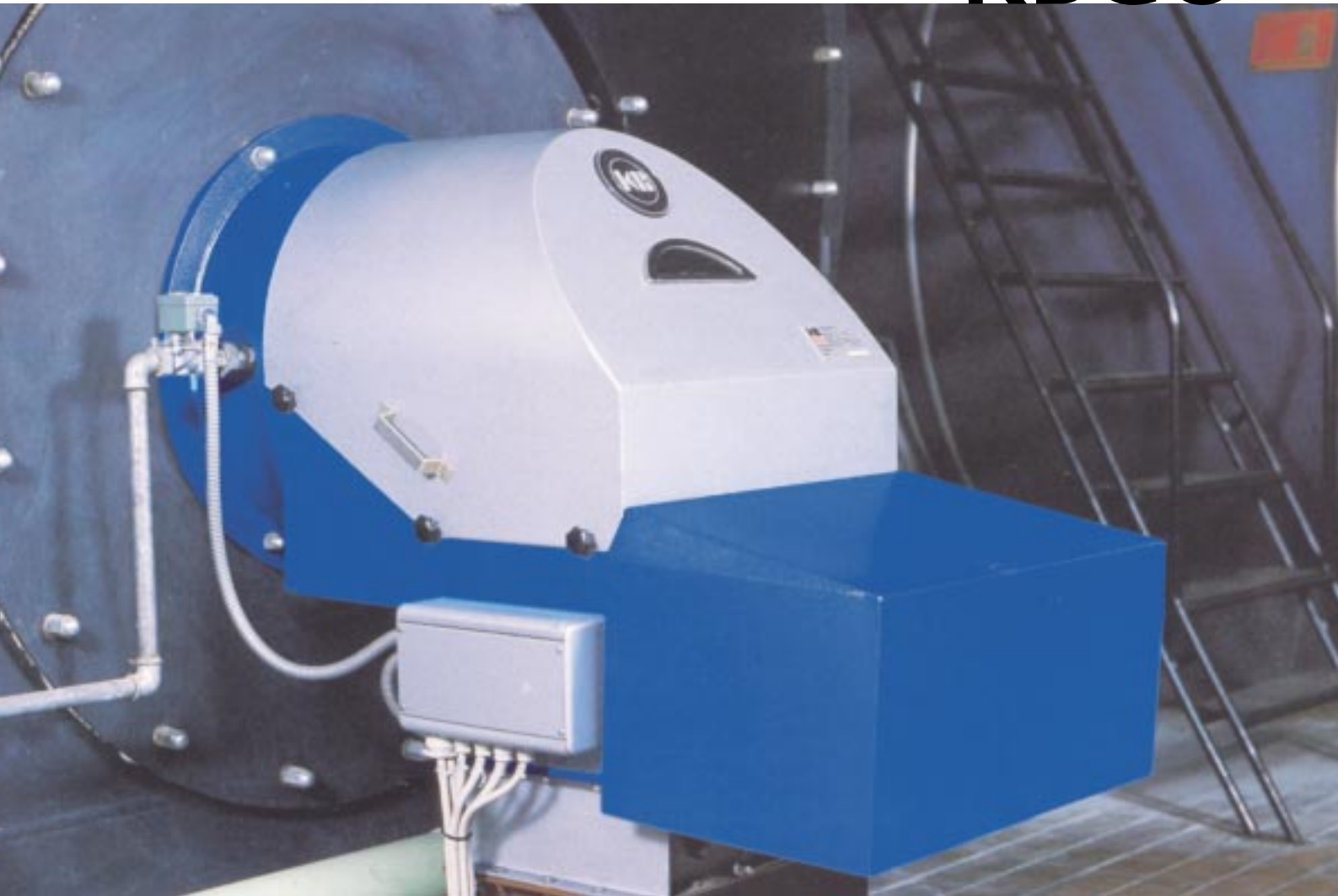


KBGO



The operation of the KBGO combined oil and gas burner is automatic, simple and reliable. The design is compact and the burners easy to maintain.

Capacity range: 3.3 – 15.8 MW

Combined burner for gas and oil

KBGO 2500 - 13200 PS

Description

The fully automatic KBGO PS burner is a duo-block burner based on our comprehensive experience gathered over many years working with advanced combustion technology.

The burner in dual fuel performance is designed to burn natural gas and diesel-fuel oil in a pressure atomising system.

Burners for other fuel mixtures are available on request.

Features

Basic compact module - sturdy design - extremely reliable - modulating burner control - UV-cell flame control - easy to install and operate - low maintenance.

STANDARD PRODUCT RANGE

Capacity and dimensions

Burner type	Burner Capacity				Air fan Motor size kW	Gas Connection	Dimensions		
	MW Net CV	MW Gross CV	N-gas Nm ³ /h	Oil kg/h			A mm	B mm	C mm
KBGO 2750 PS	3.0	3.3	253	268	4*	DN 40	910	600	980
KBGO 3300 PS	3.6	4.0	304	322	5.5*	DN 50	910	600	980
KBGO 4100 PS	4.5	5.0	381	402	7.5*	DN 65	910	600	980
KBGO 5000 PS	5.4	6.0	457	484	7.5*	DN 65	1,025	700	1,205
KBGO 5800 PS	6.3	7.0	535	565	11*	DN 80	1,025	700	1,205
KBGO 6600 PS	7.2	7.9	610	645	15*	DN 80	1,025	700	1,205
KBGO 8800 PS	9.6	10.6	814	860	18*	DN 80	1,025	700	1,205
KBGO 11000 PS	11.9	13.2	1,012	1,073	15*	DN 100	1,025	700	1,440
KBGO 13200 PS	14.0	15.8	1,190	1,263	18*	DN 100	1,025	700	1,440

* Motor size depending on the total back pressure on the flue gas side

General burner data

Diesel fuel oil data			General data		
Max. viscosity at 50°C	30	cSt	Combustion air temperature, design	45	°C
Max. viscosity at burner inlet	30	cSt	Fuel oil delivery pressure to pump	1-2	bar (g)
Calorific value	42.0	MJ/kg			
N-gas data					
Calorific value	40.0	MJ/Nm ³			
Gas delivery pressure	1-4	bar (g)			

