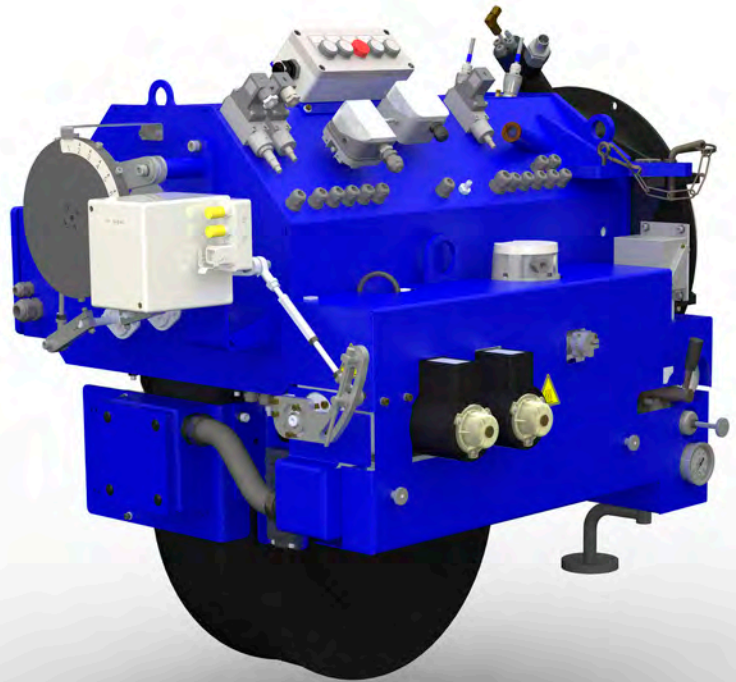


LNG carriers

Dry cargo vessels

Passenger vessels

Tankers



Monoblock Rotary Cup Burner SKVJG-M

Reliable operation of the combustion system is an important basis for shipowners' financial success. The further development of SAACKE's rotary cup technology tried and tested over decades offers a reliable solution: the compact and extremely robust SKVJG-M Monoblock Rotary Cup Burner allows the use of the high viscosity fuels common in the industry. The larger control range of the rotary cup compared to other technologies increases the maximum efficiency of the combustion system. Depending on the fuel, the SKVJG-M is available as a burner for purely liquid fuels or as a combined burner for gaseous fuels. Simultaneous operation of oil and gas for the thermal utilisation of excess residual materials during gas freeing and gas up as well as direct thermal utilisation of boil-off gas is possible.

Durable and profitable multi-fuel burner

Easy installation, handling and maintenance distinguish the SKVJG-M, making it a durable and profitable investment for new installations or retrofits. In addition, the burner has a sophisticated safety concept. This allows emergency operation

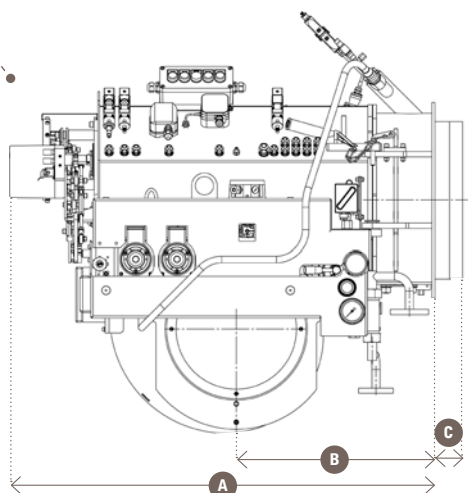
Technical data

Area of application	Marine boiler plants and systems such as horizontal flame-tube boilers or vertical ship boilers
Capacity	0.95 - 6.8 MW
Fuels	Heavy fuel oil up to 700 cSt at 50 °C, Marine diesel oil (MDO), marine gas oil (MGO), Natural gas, LPG and LNG (in gas phase)
Control range	(max.) 1:7 (depending on size)

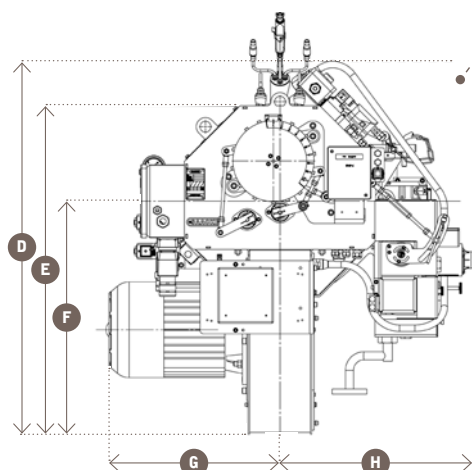
even if the automatic burner control unit fails thanks to the mechanical fuel/air ratio control.

Dimensions

Side view



Rear view



Product information

- Compact and robust Monoblock Rotary Cup Burner based on rotary cup technology with optional gas combustion
- Efficient mixed combustion of oil and gas possible
- Wide control range possible
- Safe emergency operation due to mechanical compound control of the air and oil actuator
- Integrated preheaters allow a lower oil temperature at the burner inlet
- Gas operation can easily be added to retrofits
- Easy installation, handling and maintenance

Burner data

Model	MW max.	A	B	C	D	E	F	G	H	Nominal size gas elbow	Burner weight kg
SKVJG-M 8/10/14	0.95/1.3/1.7	1,170	545	80	1,020	900	640	515	530	DN50	450
SKVJG-M 18/24/26	2.1/2.7/3.0	1,170	545	80	1,020	900	640	515	530	DN50	450
SKVJG-M 28	3.4	1,230	560	80	1,350	1,245	895	700	550	DN80	590
SKVJG-M 36/46	4.3/5.4	1,230	560	80	1,350	1,245	895	700	550	DN80	600
SKVJG-M 58	6.8	1,230	560	80	1,350	1,245	895	700	550	DN80	620