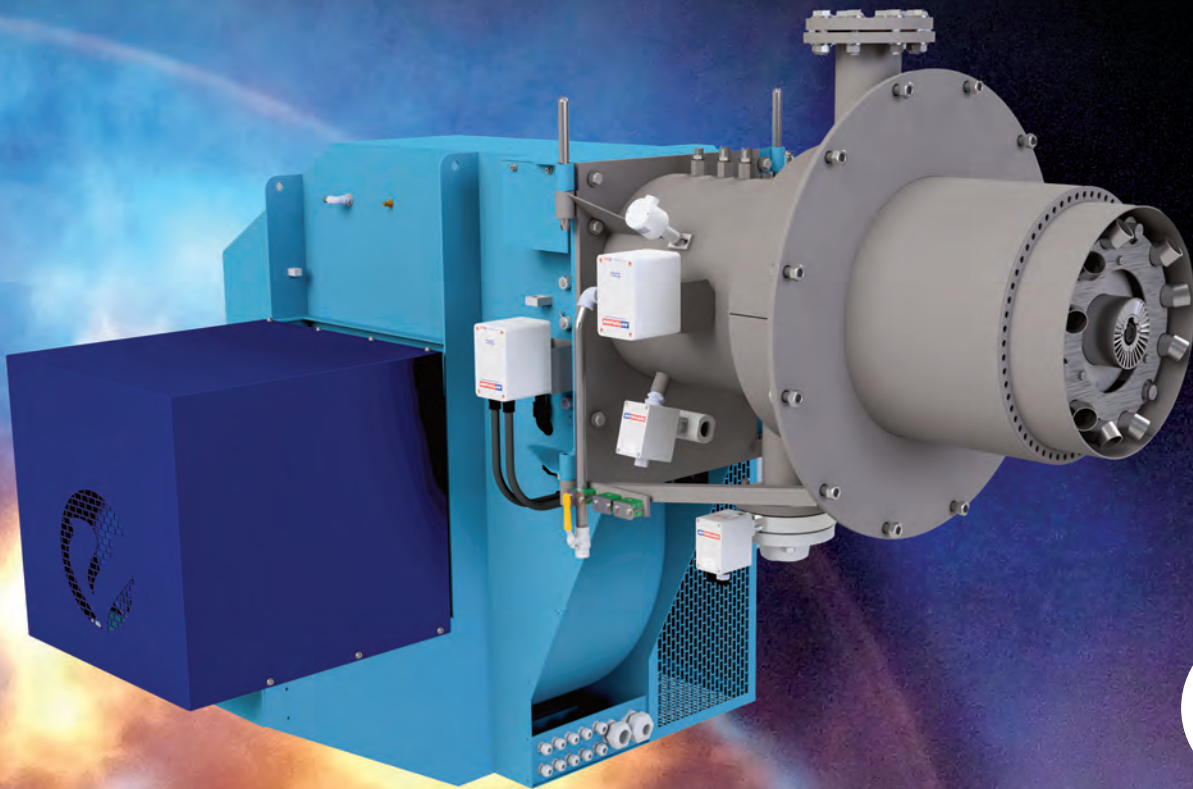


MONO-Block

The MONO-Block is build to last!

- Some features:
 - Low noise
 - Hinged opening to the combustor
 - Easy install
 - Tri Fuel optional
- NOx <30ppm without FGR
- NOx <15ppm with FGR
- Standard Range 4MMBTU-51MMBTU
- BMS system of choice: Autoflame-Siemens-Lamtec, all others on request
- All burners are delivered included, Gas train, frequency drive and BMS of choice mounted in panel
- If the burner is selected with #2 Fuel Oil an oil pump-set is included



Vitotherm
Passion for burners



Vitotherm burners

All Vitotherm burners can fire different kind of fuels such as NG, LPG, LNG, BIOgas and #2 Fuel Oil.

Standard configuration: Dual Fuel (NG No #2 Fuel Oil), Tri-Fuel (NG-LPG No #2 Fuel Oil) > all can be selected by a flip of a switch. All other gasses on request.

We will engineer together a solution to what you as a customer requires. The combination makes the result! Boiler and burner must work together to reach the required performance

Engineering of the burner projects are being done in E-plan for the electrical drawings and Inventor for 3D.

Performance data MONO-Block

Type	Boiler capacity (93% eff)			Burner Input		Gas pressure		Max boiler backpressure		Turn down	
	kCal	HP	KW	KW	MMBTU	mbar	PSI	mbar	"wc	Gas	Oil
VGOIs-100	1.000.000	119	1163	1250	4	100-300	1,45-4,35	6	2,4	1:5	1:5
VGOIs-150	1.500.000	178	1745	1875	6	100-300	1,45-4,35	6	2,4	1:5	1:5
VGOIs-200	2.000.000	237	2326	2500	9	100-300	1,45-4,35	6	2,4	1:5	1:5
VGOIs-250	2.500.000	296	2908	3125	11	100-300	1,45-4,35	6	2,4	1:5	1:5
VGOIs-300	3.000.000	356	3489	3750	13	100-300	1,45-4,35	6	2,4	1:6	1:5
VGOIs-350	3.500.000	415	4071	4375	15	100-300	1,45-4,35	7	2,8	1:6	1:5
VGOIs-400	4.000.000	474	4652	5000	17	100-300	1,45-4,35	7	2,8	1:6	1:5
VGOIs-450	4.500.000	534	5234	5625	19	100-300	1,45-4,35	8	3,2	1:6	1:5
VGOIs-500	5.000.000	593	5815	6250	21	100-300	1,45-4,35	8	3,2	1:7	1:5
VGOIs-600	6.000.000	711	6978	7500	26	100-300	1,45-4,35	8	3,2	1:7	1:5
VGOIs-700	7.000.000	830	8141	8750	30	200-300	2,90-4,35	9	3,6	1:8	1:5
VGOIs-800	8.000.000	948	9304	10000	34	300	4,35	10	4,0	1:8	1:5
VGOIs-1000	10.000.000	1186	11630	12500	43	300	4,35	12	4,8	1:10	1:5
VGOIs-1250	12.000.000	1423	13956	15000	51	300	4,35	12	4,8	1:10	1:5



Vitotherm
Passion for burners



Let's get in touch:

Vitotherm BV
Lorentzstraat 1
2665 JG Bleiswijk
T +31 (0)15 369 47 57
info@vitotherm.nl
www.vitotherm.nl