

FULL LINE, FULL SERVICE SOLUTIONS TO VENTING PROBLEMS AROUND THE WORLD!

The design and manufacture of exhausting and venting stacks, is a highly specialized field, requiring knowledge and experience with structural design, thermal, chemical, corrosive conditions, and more. Based on our experience and the use of the latest technologies, we at Poliedra can develop a perfect system to match your application. No other company serving the venting industry has the experience, commitment or products offered by Poliedra. The following specifications give you an overview comparison of each of our products to help begin the process of matching the venting system to your application.

MODEL:	Available Diameters	Max. Temp. Continuous Firing (Degree C)	Max. Temp. Intermittant Firing (Degree C)	Max. Pressure (Pa), Class	Standard Construction (Liner/Shell)	Insulation	Joining Method	Field of Application
ISOGEN	130 mm To 350 mm	500	1000	5000, H1	0.5mm SS316L / 0.5mmSS304L	25mm mineral wool slabs, 125kg/m ³ density	Calibrated, self centering male/female ends with double U clamp	Generator sets, turbocharged generators, steam turbines, and gas turbines
ISOSLIM	80 mm To 350 mm	450	750	5000, H2	0.5mm SS316L / 0.5mmSS304L	25mm mineral wool slabs, 125kg/m ³ density	Calibrated, self centering male/female ends with double U clamp	Generator sets, turbocharged generators, steam turbines, and gas turbines. Burners running on gas oil, fuel oil, natural and liquid gas, coal, and wood
ISOMIDI	350 mm To 600 mm	450	750	5000, H2	0.5mm SS316L / 0.5mmSS304L	60mm mineral wool slabs, 125kg/m ³ density	Calibrated, self centering male/female ends with double U clamp	Generator sets and Burners running on gas oil, fuel oil, natural and liquid gas, coal, and wood
EUROSEL	180 mm To 400 mm (Round)	450	750	200, P1	0.5mm SS316L / NA	NA	Calibrated, self centering male/female ends with U clamp	Burners running on gas oil, fuel oil, natural and liquid gas, coal, and wood. Relining or completely new systems
JOLLY	100 mm To 420 mm (Oval)	450	750	40, N1	0.5mm SS316L / NA	NA	Calibrated, spigot and socket, with U clamp	Burners running on gas oil, fuel oil, natural and liquid gas, coal, and wood. Relining or completely new systems
SITO NEW	80 mm To 150 mm (Round)	450	750	1000,P1	0.5mm SS316L / NA	NA	Calibrated, self centering male/female ends with patented clip	Burners running on gas oil, fuel oil, natural and liquid gas, coal, and wood. Relining or completely new systems
NOVOFLEX	80 mm To 350 mm (Flexible)	450	750	40, N1	0.5mm SS316L / NA	NA	Calibrated, self centering male/female ends with patented clip	Burners running on gas oil, fuel oil, natural and liquid gas, coal, and wood. Relining or completely new systems
BIFLEX	80 mm To 200 mm (Flexible)	450	750	40, N1	0.5mm SS316L / NA	NA	Calibrated, self centering male/female ends with patented clip	Burners running on gas oil, fuel oil, natural and liquid gas, coal, and wood. Relining or completely new systems