

GPA-5.5 TAURUS GAS COMPRESSOR SET



GPA-5.5 gas compressor set has been developed and launched into production in the framework of cooperation with Solar Turbines Inc. (U.S.A.), a global leader in power engineering industry. The unit has been designed using the experience of the world leading gas turbine manufacturer. Taurus 60, one of the most advanced gas turbine engines produced by Solar Turbines Inc., was used as a compressor drive thus offering excellent technical, economic and environmental performance of the unit. The engineering and design solutions implemented in GPA-5.5 gas compressor set has made it one of the best in this class.

This unit is designed for application at underground gas storage facilities (UGS) and for gas transfer via gas trunk lines. GPA-5.5 gas compressor sets have indoor enclosed design.



Technical features	
Rated power, MW	5.7
Efficiency, %	31.5
Overhaul life expectancy, hours	35 000
Assigned life expectancy, hours	200 000
Delivery period (since contract conclusion), months	9
Assembly period, months	2 - 3
Fuel gas flow rate at nominal, kg/h *	1 029

* – natural gas with 97% methane concentration