



PRESSURE SERVICES INTERNATIONAL

NEW! The MPa Line of High Pressure Gas Compressors

MPa Pressure Services International announces the launch of its range of 'TH' High Pressure Reciprocating Gas Boosters and Compressors.

MPa Compressors are hydraulically-driven, dual acting piston compressors capable of output gas pressures up to 200 MPa (30000 psi) and higher. The non-lubricated gas piston seals make this design suitable for compressing a wide range of gases and equally applicable to pumping liquids.

The design of this type of compressors lends itself to reliable operation and ease of maintenance.

Two models shown here are a THB Booster and a THL Compressor. The performance characteristics of these particular units are shown in the Table. Other Models are under development to extend the range of output pressures and discharge flow rates.

Model	Max. Discharge Pressure		Hydraulic Power		Typical Range of Supply Pressures		Performance	
	MPa	psi	kW	HP	MPa	psi	scf/min	scm/min
THB1-40-30	40	6,000	30	40	0.7 - 5	100 - 700	<i>Please consult MPa Pressure Services International for performance data</i>	
THL1-100-7.5	100	15,000	10	7.5	4 - 20	600 - 3,000		
THL1-150-15	150	22,000	15	20	4 - 30	600 - 4,000		

The many applications of this type of compressor include

- Cylinder filling for breathing air, medical and industrial gases, air-bag propellants etc.
- High pressure component testing for offshore installations
- Gas-assisted injection moulding
- Alternative fuels, e.g. hydrogen, hydrocarbons etc.
- Isostatic processing

For further information and to discuss your gas compression requirements contact:

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