

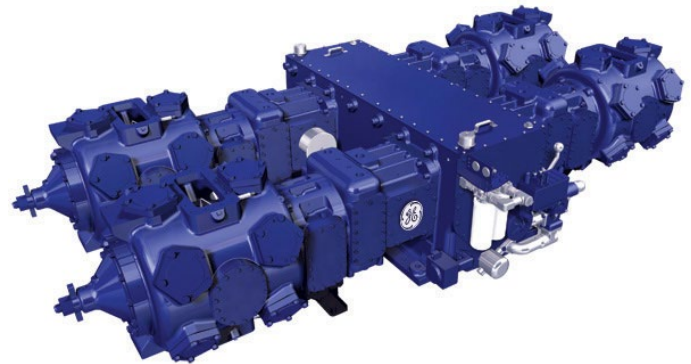


MH/WH Compressors

The MH from GE Oil & Gas is a dependable, hard working compressor that has been proven over decades of service. With a full line of versatile cylinders — lined, unlined, air-cooled, water-cooled, lubricated or oil-free — the MH has the flexibility to meet the requirements of a wide variety of applications. The MH frame can reach up to 5400 hp (4027 kW) at 1200 rpm and is designed to handle total gas rod loads of 104,000 lbs. (462 kN) safely and dependably.

Standard Features

The MH6 crankshaft is made from forged or billet heat-treated SAE4140 steel designed for strength and durability. The lubrication system contains a gear-driven oil pump, system relief valve, crankcase oil breather, oil level sight gauge, divider block lubrication system, stainless steel tubing and fittings, no-flow shutdown, and a flow meter for cylinder and packing lubrication. Type C auxiliary distance pieces are available for the crosshead guide as an option for corrosive gas service.



MH64 compressors in Rayne, Louisiana

MH6 Specs

- Reciprocating, balanced opposed to ± 1 lb.
- Up to 5400 hp
- 600-1200 rpm
- 1-6 cylinders
- 6 in. stroke (152 mm)
- 104,000 lb. (463 kN) total gas rod load
- 2.25 in. (57 mm) rod diameter

Applications

- Fuel Gas Boosting
- Gathering
- Boosting
- Processing
- CO₂
- FPSO

Replaceable Tri-Metal Bearings

All HSR connecting rods have tri-metal bearings

- steel-backed bronze with a babbitt overlay - for less friction, extending the life of the bearings.



The Superior WH is a close cousin to the MH and shares many standard features such as the frame, crankshaft, and bearing designs. It also shares an industry reputation for proven reliability. The WH was designed to handle higher gas rod loads — up to 130,000 lbs. (582 kN) — making this compressor ideal for gas transmission and storage applications. The WH is available with either a six-inch or seven-inch stroke.

Standard Features

To allow higher rod loads on the WH, the crossheads' replaceable tri-metal shoes are larger than on the MH. To assure safety and performance at higher rod loads, the WH connecting rod is precision machined from SAE 1045 steel, heat-treated, and rifle drilled for pin lubrication. Type C auxiliary distance pieces are available for the crosshead guide as an option for corrosive gas service.

WH6 / WH7 Specs

- Reciprocating, balanced opposed to ± 1 lb.
- up to 5400 hp
- 6 in. stroke (152 mm),
• 1200 max rpm
- 7 in. stroke (178 mm),
• 1000 max rpm
- 1-6 cylinders
- 130,000 lb. (582 kN) total gas rod load
- 2.50 in. (64 mm) rod diameter

Applications

- Fuel Gas Boosting
- Gas Gathering
- Gas Boosting
- Gas Processing
- Gas Transmission
- Gas Storage
- CO₂
- FPSO

Superior WH74, two-stage compressor with Superior 12SGT engine.

MH/WH crankshaft can be made from either forged or billet heat-treated SAE 4140 steel.

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