We have more than 60 years of experience supplying reciprocating gas compressors for offshore applications including FPSO, TLP, SPARs, FLNG, etc. These have primarily been electric motor-driven, horizontally-opposed, high-speed reciprocating compressors operating at medium speeds.

- 50+ FPSO installations
- Eight different frame sizes with 2-4-6 crank throws, allowable rod loads from 15,400 lbs (68.5 kN) to 90,000 lbs (400 kN) and up to 11,000 hp (8,206 kW)
- Cylinders up to 28 in. (711 mm) in diameter with pressures exceeding 10,000 psig (689.5 bar)
- Slow-speed, longer stroke process reciprocating compressors are also available with up to 10 crank throws and 45,000 HP (33,570 kW)

We engineer and manufacture our own compressor valves and regulation devices as well as a full suite of capacity control solutions.

Other options and features include:
- Rugged frame design
- Integrally cast frame extensions (crosshead housings)
- Optimal load transfer
- Heavy ribbing
- Counterweighted crankshaft for 2- and 4-throw machines
- Opposing throws balanced within 1 lb or less
- Flexible cylinder design
- Jacketed or non-jacketed
- With or without liners
- Lube or non-lube
- Combo piston rings or rider bands
- PF (plate-type) or Magnum® (mini-poppet-style) valves
- Overall
- High reliability
- Optimized efficiency
- Long time between service intervals
- Compact design
- Low vibration

We offer an extensive array of compression solutions to meet a wide range of duties and applications such as gas lift, CO₂ injection, natural gas injection, export gas, CO₂ recycle, low and high-pressure separation, and fuel gas.
<table>
<thead>
<tr>
<th>Frame</th>
<th>Crank Throws</th>
<th>Stroke in.</th>
<th>mm</th>
<th>RPM</th>
<th>Max Allowable Continuous Combined Rod Load Rating lbs</th>
<th>kN</th>
<th>Max Nominal Rated Power HP</th>
<th>kW</th>
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<tr>
<td>A-VIP</td>
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<td>3.5/4.5</td>
<td>89/114</td>
<td>1,800/1,500</td>
<td>15,400</td>
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<td>1,300</td>
<td>970</td>
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<td>127/152</td>
<td>1,500/1,200</td>
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<tr>
<td>MOS</td>
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<td>5/6/7</td>
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<tr>
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<tr>
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</table>

**Case Reference**

**Client** PETRONAS/Petrovietnam

**Project** LP and MP Compression

**Location** FPSO/Offshore Vietnam

**Scope of Supply** 6HOS4 with (2) 26.5 in. x (2) 12.25 in.

**Case Reference**

**Client** Modec/OSX

**Project** Gas Injection Compression

**Location** FPSO/Offshore Brazil

**Scope of Supply** SHOS2 with 13 in. x 8 in.