

CO2 PUMPING SOLUTIONS



Industrial duty pumps for liquid CO2 applications

Liquid Carbon Dioxide has unique properties that are beneficial in oil and gas, pharmaceutical, manufacturing and processing industries. Although the implication of CO2 into production processes in some applications is still very new, many applications have been pumping liquid CO2 for years.

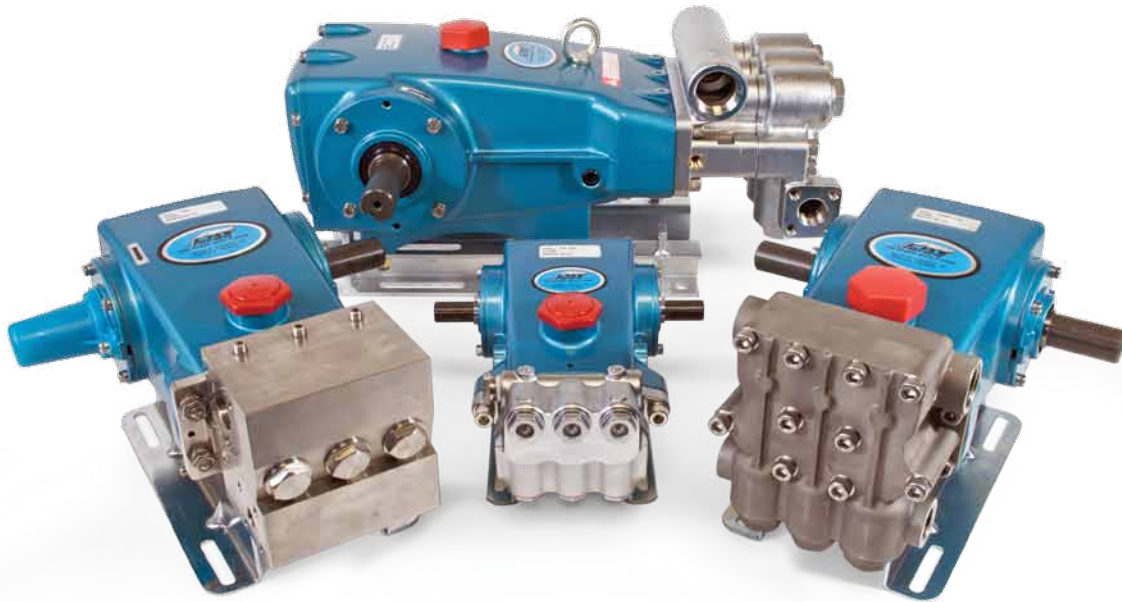
For over 20 years, Cat Pumps has provided dependable liquid CO2 pumping solutions. We've worked closely with research facilities, universities, equipment manufacturers and site locations to develop reliable pumping solutions in challenging CO2 applications.

Typical Applications

- Enhanced Oil Recovery
- Chemical-Free Cleaning
- Storage and Transfer
- Lipid Extraction
- Carbon Sequestration
- Machine Tool Cooling
- Foam and Gel Manufacturing
- Coal Bed Methane Recovery

Features

- Output ranges from .75 – 48 gpm at 300 – 5000 psi
- Reinforced internal components designed for high inlet pressure
- Inverted manifold to prevent vapor entrapment
- Special seals designed for cold temperature
- Optional Glycol flushing to prevent freezing
- Field-proven dependability



Benefits of using Cat Pumps for your CO2 needs include:

- 20 years of experience pumping CO2
- Live Technical Support
- Pump repair parts in stock
- Fast delivery on pumps and systems

| MODEL | FLOW* | | | PRESSURE* |
|--------------|-------|---------|----------|-----------|
| | (gpm) | (kg/hr) | (lbs/hr) | (psi) |
| 784KM.CO2 | 0.34 | 81 | 189 | 5000 |
| 30RS.CO2 | 0.68 | 162 | 378 | 2200 |
| 301.CO2 | 0.68 | 162 | 378 | 2150 |
| 781KM.CO2 | 0.82 | 196 | 456 | 5000 |
| 781KMRS.CO2 | 0.82 | 196 | 456 | 5000 |
| 5CP2921 | 1.7 | 406 | 945 | 2500 |
| 310.CO2 | 1.75 | 418 | 973 | 2200 |
| 3801KM.CO2 | 3.5 | 836 | 1946 | 5000 |
| 1051CM.CO2 | 4.0 | 955 | 2224 | 2000 |
| 1530RSCM.CO2 | 5.0 | 1194 | 2780 | 1800 |
| 1951 | 5.0 | 1194 | 2780 | 1450 |
| 6811KM.CO2 | 7.2 | 1719 | 4003 | 5000 |
| 2831K.CO2 | 10.0 | 2388 | 5560 | 1200 |
| 3520CM.CO2 | 11.4 | 2722 | 6338 | 2000 |
| 6821KM.CO2 | 16.0 | 3821 | 8896 | 3000 |
| 3535CM.CO2 | 19.4 | 4633 | 10786 | 1200 |
| 3831KM.CO2 | 19.4 | 4633 | 10786 | 1200 |
| 6841KM.CO2 | 30.0 | 7164 | 16680 | 2000 |
| 6861KM.CO2 | 50.0 | 11940 | 27800 | 1200 |
| 6841KM.CO2 | 32.0 | 7685 | 16905 | 2000 |
| 6861KM.CO2 | 48.0 | 11465 | 25225 | 1200 |

* Flow and pressure may vary based on inlet/temp. conditions.
Custom flows and pressures available upon request.

For more information on CO2 pumps and accessories, contact Cat Pumps.

CAT PUMPS

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