

CO₂ Pumping Solutions

TYPICAL APPLICATIONS



Enhanced Oil Recovery • Refrigeration • 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



PUMP SPECIFICATIONS

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)	
30RS.CO2	0.75	180	395	2200
5CP2921	1.7	410	900	2500
784KM.CO2	2.0	510	1120	5000
301.CO2	2.6	645	1420	2150
781K.CO2	3.0	760	1670	5000
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781KMRS.CO2	3.0	760	1670	5000
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310.CO2	4.0	975	2145	2200
351.CO2	5.0	1195	2630	1500
1051CM.CO2	5.0	1200	2640	2000
1951	5.0	1190	2620	1450
3801K.CO2	6.0	1525	3355	5000
6811KM.CO2	9.0	2290	5040	5000
1540EM.CO2	12.0	2865	6300	1200
2831K.CO2	12.0	2865	6300	1200
3520CM.CO2	12.0	2875	6325	2000
6821KM.CO2	16.0	3950	8690	3000
3831K.CO2	24.0	5730	12605	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

CUSTOM-ENGINEERED POWER UNITS

CAT PUMPS now offers fully customized CO₂ Power Units. Simply define the operating conditions such as:

- Inlet Pressure
- Discharge Pressure
- Inlet Temperature
- Desired Flow
- Duty Cycle
- Controls (i.e. variable frequency drive)

We will design, build and ship the rest!

