

GAS COMPRESSOR

UNIT: CB36

PERFORMANCE

Base Horsepower	860 HP
Packager	Energy Industries
Year Built	2003
Suction Pressure (typical range) *	25 -150 psi (172 – 1035 kPa)
Discharge Pressure (maximum) *	1296psi (8935 kpa kPa)
Flow Rate (typical range) *	2.1-4.0 mmscfd
Gas Source	Sweet, and dry
<i>*Performance is subject to confirmation on site specific process conditions</i>	

MAJOR EQUIPMENT

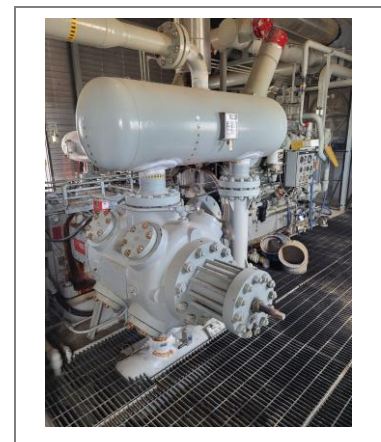
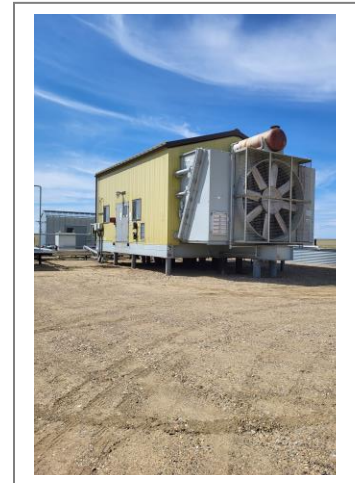
Gas Compressor	Included
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DRIVER

Style	Gas, CAT 3512TALE
Rating	860 HP
Output (RPM)	1200 RPM
Serial #	7NJ00838

COMPRESSOR

Make	Gemini
Model	D604
Throws	3
Stages	3
Stroke	6"
Rated RPM	1200 RPM
Distance Pieces	STD
Serial #	D-251



CYLINDERS

	Model	Bore	MAWP	Class	Serial Number
Cylinder 1	95	11"	1250 PSIG		95-G1220A
Cylinder 2	95	7.5"	1800 PSIG		95-G1490
Cylinder 3	89	5.0"	2500 PSIG		89-G4468

COOLER

Make	Air-X-H
Model	132EF
Louvres	Manual
Fan Drive (electric/jackshaft)	Jackshaft

Section	CRN	Serial Number	MAWP	Temp	RT	HT
Engine Jacket			15 PSIG	-20/300F		
Inter-Cooler	P6597.2	8519.3	655 PSIG	-20/300F		
Inter-Cooler	P6258.2	8519.4	1315 PSIG	-20/300F		
After Cooler	R0104.2	8519.5	1440 PSIG	-20/300F		

SCRUBBERS

	Size	CRN	Serial Number	MAWP	Temp	RT	HT
Stage 1 Suction	20" x 72"	R2802.2	104052	655 PSI	300F		
Stage 2 Suction	18" x 66"	R2803.2	104053	655 PSI	300F		
Stage 3 Suction	16" x 66"	R2805.2	104054	1315 PSI	300F		

PULSATION

	Manuf.	CRN	Serial Number	MAWP	Temp	RT HT
N/A						

PSV's

	Set Pressure	Size
Stage 1 Disch.	655 PSI	
Stage 2 Disch.	1315 PSI	
Stage 3 Disch.	1440 PSI	

CONTROL VALVES

	Make	Model	Size	Trim
Auto bypass				
Dump Valve				

Recycle				
Suction				

CONTROL PANEL

Make	Remvue
Model	500/S
HMI / PLC	

END DEVICES

	Quantity
LEL Detection	
H2S Detection	
Fire Detection	

SKID CONNECTIONS

Suction Inlet Flange	6" 300#
Discharge Flange	3" 900#
Flare	4" 150#
Drain	4" 600#

DRAIN TANK

Capacity	In Skid
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SHIPPING DIMENSIONS

Width	24' 3"
Length	43' 0"
Height	~20'
Weight Estimate (dry)	TBC

CERTIFICATION

Vessel	ASME Sec. VIII Div. 1
Piping	ASME B31.3
Province(s) of Registration	AB, BC
Area Classification	Class 1 Zone 2
Service	Sweet