

GAS COMPRESSOR

UNIT: CB50

PERFORMANCE

Base Horsepower	145 HP
Packager	Toromont
Year Built	2005
Suction Pressure (typical range) *	0-50 PSI
Discharge Pressure (maximum) *	50-200 PSI
Flow Rate (typical range) *	0.5 – 2.5MMSCFD
Gas Source	<3% H2S Sour
<i>*Performance is subject to confirmation on site specific process conditions</i>	

MAJOR EQUIPMENT

Gas Compressor	
Skid Mounted	

DRIVER

Style	Ajax DPC 2801 LE
Rating	192
Output (RPM)	440
Serial #	85016



COMPRESSOR

Make	Ajax
Model	2801LE
Throws	
Stages	Tandem Cylinder 2
Stroke	
Rated RPM	440 RPM
Distance Pieces	
Serial #	14161



CYLINDERS

	Model	Bore	MAWP	Class	Serial Number
Cylinder 1		10"	900 PSI		
Cylinder 2		5.25"	1800 PSI		

COOLER

Make	Air-X-Hemphill
Model	60 VI
Louvres	
Fan Drive (electric/jackshaft)	

SCRUBBERS

	Size	CRN	Serial Number	MAWP	Temp	RT	HT
1 st Stage Suction	12.75 x 72"			645 PSI	350F		
2 nd Stage Scrubber	12.75 x 60"			1288 PSI	350F		

PULSATION

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

PSV's

	Set Pressure	Size
Stage 1 Suction	100 PSI	2 X 2
Stage 1 Disch.	900 PSI	1" – 600# x 2" 150#
Stage 2 Disch.	1650 PSI	1.5" – 600# x 2" 150#

CONTROL PANEL

Make	Murphy
Model	
HMI / PLC	

END DEVICES

	Quantity
LEL Detection	3" 300#
H2S Detection	2" 900#
Fire Detection	

SKID CONNECTIONS

Suction Inlet Flange	3" 300#
Discharge Flange	2" 900#

Flare	
Drain	

DRAIN TANK

Capacity	In Skid
----------	---------

SHIPPING DIMENSIONS

Width	15' 3"
Length	35' 3"
Height	15' 2"
Weight Estimate (dry)	97,640 lbs – Cooler Shipped

CERTIFICATION

Vessel	
Piping	
Province(s) of Registration	
Area Classification	
Service	Sour