



Section 07 – Gas Compressors - Sales Item 07080512

(PPE Ref: GS 23-1349)

2000Hp 2000 Rpm Acid Gas Injection Compressor c/w 4060v/3ph/60Hz Electric Motor – Brand New.

DETAIL AS FOLLOWS:

- Ariel JGK/6 Throw, Six Stage.
- Design Capacity 115 $10^3\text{SM}^3/\text{d}$ (42% H₂S) from 48 KPag Suction to 10 MPag Discharge.
- Hyundai 2000HP, 2000RPM, 4060v/3ph/60Hz Electric Motor (WP2 Enclosure).
- Voith Hydraulic Speed Reducer (type EL 11 Y.1 torque convertor)
- Output Range 400 – 1200RPM.
- Air-X-Changers model 132-2Z acid gas cooler with six cooling sections and two 30HP fans.
- Air-X-Changers model 84BH section hydraulic oil cooler with one 15HP fan.
- Kilowatts Guardian control panel, Stainless steel vessels, piping and components between cooler sections and following stage cylinder inlets.
- 7620mm x 12192 mm flat top skid with integral waste oil tanks.
- Breaks down to 4369mm shipping width by removing outriggers.



Equip. Status: Surplus	Year Built: 2010	Service Type: Sour
Equip. Cond.: NPITS	Const. Skidded: Y	Const. Housed: Y
Const. Pkg'd: Y	Driver Type : Electric	Comp. Mfg.: Ariel
Comp. Model #: JGK/6	Driver Mfg.: Hyundai	Driver Model #: HNP7.563-6
Driver Size: 2000BHP	Panel Make + Model: Guardian PLC	# of Stages: 6

1st St. Suction Bottle A#:	600606	CRN#:	V233.2	S/N:	08-551-511
1st St. Discharge Bottle A#:	600599	CRN#:	V2319.2	S/N:	08-551-521
2nd St. Suction Bottle A#:	600587	CRN#:	V2337.2	S/N:	08-551-522
2nd St. Discharge Bottle A#:	600595	CRN#:	V2339.2	S/N:	08-551-522
3rd St. Suction Bottle A#:	600550	CRN#:	V2312.2	S/N:	08-551-513
3rd St. Discharge Bottle A#:	600596	CRN#:	V2306.2	S/N:	08-551-532

Cyl. 1st St. ID #1:	22in	@ MAWP	285psig	
Cyl. 1st St. ID #2:	15 7/8in	@ MAWP	635psig	
Cyl. 3rd St. ID #1:	10.5in	@ MAWP	845psig	
Cyl. 3rd St. ID #2:	5 1/4in	@ MAWP	2435psig	
Cooler Mfg.: Aerial	Cooler Model: Air X Changer Type Z	Cooler 1st CRN #:	U9838.2	
Cooler Serial #: 80663.6				

Cyl. 4th Stage : ID 5 1/4" @ MAWP 2435 psi, Cyl. 5th Stage : ID 5 " @ MAWP 2515 psi Cyl. 6th Stage : ID 3.5 " @ MAWP 4501 psi 4th St. Suction A#: 600588 CRN #: V2313.2 S/N : 08-551-514 4th St. Discharge A# : 600593 CRN #: V2310.2 S/N : 08-551-524 5th St. Suction A#: 600590 CRN #: V2343.2 S/N : 08-551-515 5th St. Discharge A# : 600594 CRN #: V2311.2 S/N : 08-551-525 6th St. Suction A#: 600591 CRN #: V2344.2 S/N : 08-551-516 6th St Discharge A# : 600598 CRN #: V2321.2 S/N : 08-551-526 • Building and crane to fit compressor skid offered separately. Crane members incorporate integral lube oil day tanks. Design: up to 4.3 mmcf of acid gas (approx. 40% H2S and 60% CO2) from a suction pressure of 7 to 10 psig to a discharge

pressure of 1450 psig. Designed to operate between 400 RPM to 1200 RPM recycle c/w Voith adjustable torque converter Type EL13.1, coupled between motor and compressor



Notes:

- Available subject to prior sale.
- Located in Canada.
- Full Documentation Packages are available upon request.