



# SAN JUAN COMPRESSION, LLC

2211 River Road, Farmington, NM 87401

## 30 HP Electric Driven LeROI HGF 10000 Rotary Screw Compressor VRU



### *Electric Motor:*

- 30 HP
- 60 Hz Nema Premium Efficient
- 3550 RPM
- 460V 3 Phase

### *LeRoi HGF 10000 Rotary Screw Compressor*

- HG 10000 Gear Ratio
- MSCFD @ 1750 RPM = 65
- MSCFD @ 3550 RPM = 140
- Direct Drive, Laser Aligned
- 1 to 1 Ratio with Motor

### *Electric Motor Control*

- SIEMENS SINAMICS G120 Variable Frequency Drive (VFD)
- 10:1 Ratio Reduction (RPM Range = 3550 to 355)
- 4-20 mA Signal input from PLC for Motor Control
- Nema Enclosure

### *IDEC PLC w/Touchscreen HMI*

- SIEMENS SIMATIC S7-1200 CPU
- 4-20 mA Suction Pressure Transmitter from Stock Tank
- PID loop Control for Suction Pressure set point (4-20mA to VFD)
- Suction Bypass Solenoid Valve Control for Low Suction Control
- External Memory SD Card for Suction Pressure Storing
- Low Suction Automatic Restart Function for Continuous Operation

**For sales contact us at:**

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