



1-800-626-3319  
WWW.JBLLLC.COM

**NATURAL GAS ENGINE AND ROTARY SCREW  
WELLHEAD GAS COMPRESSOR**



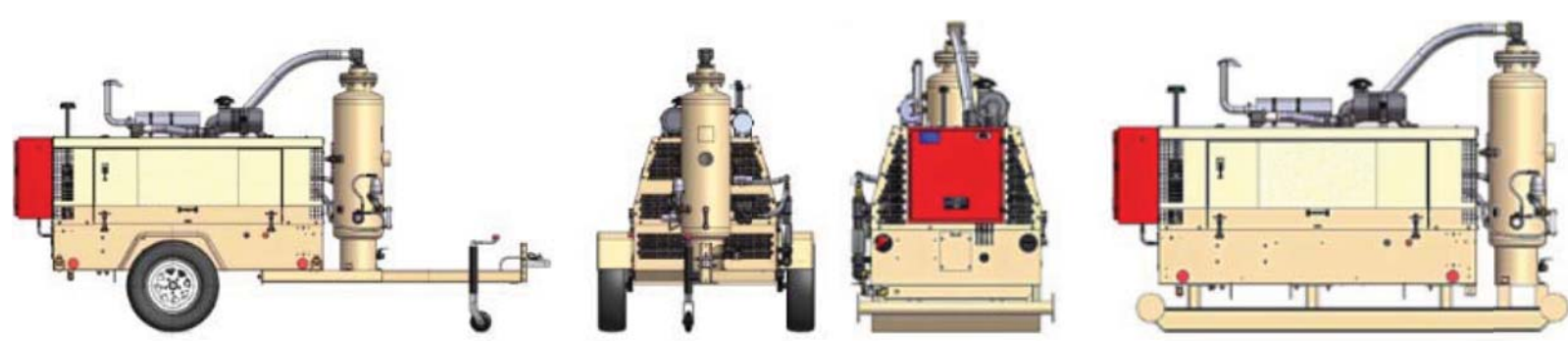
**BIG ENOUGH TO HANDLE THE TOUGHEST JOBS...**

***SMALL ENOUGH TO BE VERSATILE AND LIGHT WEIGHT!***



## **ADVANTAGES**

- Rotary Screw Compressor is Very Cost-Effective for Handling High Volumes of Gas In Field Gathering
- Low Maintenance and High Reliability
- Smooth, Quiet Operation
- Compressor is Direct Coupled to Natural Gas Engine



## GENERAL

- Available in Skid or Portable
- GM Vortec 3.0L (4 Cylinder) Natural Gas Engine (32HP @ 1800 RPM)
- Single Stage Rotary Screw Gas Compressor
- Direct Drive Coupled - Gear Driven
- Blower Fan for Cool Enclosure and Warm Inlet Scrubber
- Remote Full Flow Engine and Compressor Oil Filters
- Two Stage Engine Air Filter
- Compressor Thermal By-Pass Valve
- Gas Differential Pressure Valve for Compressor Oil Circulation
- Automatic Compressor Blowdown Valve
- ASME Compressor Separation Receiver Tank
- ASME Blowcase Inlet Scrubber with Auto Dump and 1-Micron Filter and Mist Eliminator
- ASME Engine Fuel Scrubber
- All Vessels Protected by Pressure Relief Valves
- Engine Radiator
- Compressor Oil Cooler
- Gas Aftercooler (10 degrees F approach) with Bypass
- 12 VDC Heavy Duty Maintenance Free Battery with Remote Battery Jumper Posts
- 5 Gallon Automatic Engine Oil Make-Up System
- Heavy Duty Oil Field Skid Frame
- Acoustical All Steel Enclosure with Environmental Drip Pan
- Rust Resistant Electrostatic Powder Paint

## DIGITAL INSTRUMENTS AND CONTROLS

- Automatic or Manual Variable Speed Control
- Engine/ Compressor Control, Monitoring, and Protection for:
  - Low/ High Suction Pressure
  - Low/ High Suction Pressure – Auto or Manual Start/ Stop
  - Prestart Alarm
  - Engine Oil Pressure
  - Engine Water Temperature
  - Compressor Oil Temperature
  - Hourmeter
  - Engine Tachometer
  - Emergency Stop Button
  - Low Engine Oil Level Indicator
  - Tattletale Annunciator Shutdown Indicator
  - High Scrubber Liquid Level
- Power On/ Off Switch
- Engine Over Speed
- Battery Charging
- Real Time Clock with Time-Stamped Data Log
- 40 Degrees Fahrenheit to 125 Degrees Fahrenheit Operating Range
- Back-Lit Graphic LCD Display



1-800-626-3319  
WWW.JBLLC.COM

**600 OLD HWY 271 SOUTH  
FORT SMITH, AR 72916  
PHONE: (800) 626-3319  
FAX: (479) 646-3221**

		DISCHARGE PRESSURE (PSI)									
		50	60	70	80	90	100	125	150	175	200
SUCTION PRESSURE (IN HG)	-20	10	—	—	—	—	—	—	—	—	—
	-18	23	22	—	—	—	—	—	—	—	—
	-16	27	26	25	—	—	—	—	—	—	—
	-14	31	30	29	28	27	—	—	—	—	—
	-12	36	36	34	33	32	31	—	—	—	—
	-10	40	39	38	37	36	35	—	—	—	—
	-8	45	44	43	42	41	40	39	—	—	—
	-6	49	48	47	46	45	44	43	42	—	—
	-4	54	53	52	51	50	49	48	47	—	—
	-2	59	58	57	56	55	54	53	52	—	—
SUCTION PRESSURE (PSI)	0	63	62	61	60	59	58	56	54	52	50
	1	67	66	65	64	63	62	60	58	56	54
	2	72	71	70	69	68	67	65	63	61	59
	3	76	75	74	73	72	71	69	67	65	63
	4	81	80	79	78	77	76	74	72	70	68
	5	86	85	84	83	82	81	79	77	75	73

**Specifications subject to change without notice.**