



ACEC JGJ-2 Skid Mounted Booster Compressor



Specifications

Skid:	Four-runner, A-36, wide flanged oil field skid with 6" lifting pipes at each end with bump pipe at front of unit. Approximately 270" long, 94" wide, and 112" tall, 28,000# complete. Containment skid available.	
Air Booster:	Ariel JGJ-2: Two-throw, two-stage, horizontally-opposed configuration. Direct drive with 1,800 RPM input speed, air-cooled, and pressure lubricated.	
Air Compressor Engine:	Caterpillar C-18: 6-cylinder, 4-cycle, 18-liter, EPA Tier III electronically controlled diesel engine rated at 630HP at 1,800 RPM. 24V starter and alternator, SAE #1 flywheel and housing with Woods flex coupling.	
Cooling System:	Air cooled tube/fin type heat exchanger with engine driven fan for engine coolant. Tube/fin type cooler for compressor pre-cooler, intercooler and after-cooler. ASME coded, optional hydraulic driven fan available.	
Control Panel:	ACEC designed and fabricated stainless steel, weather tight, vibration isolated control panel with first out annunciator panel and Murphy Power View electronic display module.	
Additional:	Painted using high-quality automotive paint in customer's choice of color. Operating, maintenance, and parts manuals provided for each component. Additional copies available upon request.	
Compressor Capacity/ Operating Conditions:	Inlet Pressure:	175 - 500 psig
	Inlet Temperature:	120° F
	Discharge Pressure:	1,200 psig Continuous, 1,500 psig Intermittent
	Compressor Rated Brake Horsepower:	620 bhp
	Engine Output Speed:	1800 RPM
	Booster Input Speed:	1800 RPM
	Flow Capacity:	3,000 - 3,800 cfm (dependant on suction pressure and RPM)
	Max Ambient Operating Temp:	120° F
	Max Operating Elevation:	8,000 feet



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