



Air Drilling Specialties  
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- High Pressure Air
- Booster Compressors
- Downhole Drills
- Cluster Drills
- Lubricators
- Accessories
- Light Towers
- Generator Sets

**Specifications on Keystone Gardner Denver 6" x 4" Two-Stage Air Booster - Heavy Duty Oil Field Skid**

Booster	
Make	Gardner Denver
Frame	JY-500 (Joy WB-12)
Type	Two Stage "Y" Frame
Stroke (in)	7

1st Stage Cylinder	
Make	Gardner Denver
Cylinder Bore (in)	6

2nd Stage Cylinder	
Make	Keystone Drill Services
Cylinder Bore (in)	4

Coolers	
Construction	Steel Tube and Fin
ASME Code Stamp and National Board Registered	

Scrubber Bottles	
ASME Code Stamp and National Board Registered	

Pulsation Bottles	
ASME Code Stamp and National Board Registered	

Engine	
Make	Caterpillar
Model	C-16
Fuel	Diesel
Cooling	Water
Electrical System (volts)	24
Starting System	Electric

Heavy Duty Oil Field Skid Details	
(4) 12" wide flange beams	
Cross braced/reinforced	
Headache bar front/back	
Top plated 1/8" material	
Bottom plated 1/4" material	

Approximate Unit Dimensions	
Overall Length (in)	24' 6"
Overall Width (in)	8' 3"
Overall Height (in)	8' 9"
Weight (lbs)	34,000 (est.)

Miscellaneous	
Inlet Piping Size (in)	2" NPT
Number of Piping Inlets	3
Discharge Piping Size (in)	3" NPT
Number of Piping Outlets	1

Additional Comments	
Booster set up for single or 2-stage operation (selectable)	
Booster bypass piping included	
All piping is hydrotested	

Performance of Keystone Gardner Denver 6" x 4" Air Booster				
Performance in Two-Stage Operation Mode				
Engine RPM	Booster RPM	Suction Pressure (PSI)	Disch. Pressure (PSI)	Flow (SCFM)
1800	600	350	2000	2647
Performance in Single-Stage Operation Mode				
Engine RPM	Booster RPM	Suction Pressure (PSI)	Disch. Pressure (PSI)	Flow (SCFM)
1800	600	350	800	3778

**Booster Rated Discharge Pressure (RDP) = 2000 psi**