

MOB-KAT BREATHING AIR TRAILER SYSTEM

Jordair breathing compressor and air filter systems meet or exceed the latest CSA standard CAN/CSA-Z180.1-00 (approved January 2001).



Jordair QC Program

- ISO 9001:2008 Cert. 97-544
- CSA Cert. No. LR77799
- CRN Pressure Components
- B&PV Licence MA-2007

System Features:

- 5000 or 6000 PSIG Systems
- Road Certified
- External Halogen Light System
- Weatherproof Design

TECHNICAL DATA FOR 5000/6000 PSIG TRAILER UNITS

MODEL	PRESSURE	FLOW-RATE	HP	FILTER	SCBA FILLS
MOB-KAT5 1214-DPT	5000 PSIG	13.0 SCFM	10 HP	JBP41-6300-4S	4
MOB-KAT5 151-DPT	5000 PSIG	20.0 SCFM	15 HP	JBP41-6300-4S	4
MOB-KAT5 150-DPT	5000 PSIG	24.0 SCFM	15 HP	JBP61-6300-4S	6
MOB-KAT5 180-DPT	5000 PSIG	30.0 SCFM	20 HP	JBP81-6300-4S	6
MOB-KAT6 1214-DPT	6000 PSIG	13.0 SCFM	10 HP	JBP41-6300-4S	4
MOB-KAT6 1511-DPT	6000 PSIG	19.0 SCFM	15 HP	JBP61-6300-4S	4
MOB-KAT6 181-DPT	6000 PSIG	26.0 SCFM	20 HP	JBP61-6300-4S	6

JORDAIR – “RELIABILITY & SAFETY” – BAUER

101-7950 Huston Road, Delta, B.C., V4G 1C2

Tel: 604-940-8101 Fax: 604-940-8131

Web site www.jordair.ca

MOB-KAT BREATHING AIR TRAILER SYSTEM

FEATURES:

- PLC controlled compressor system able to operate from the unit mounted diesel generator or from the auxiliary shore power supply.
- Fully contained and road certified air trailer for breathing air.
- Dual rear access doors for ease of entry and service of the equipment
- Large upward opening access doors with pneumatic rams on both sides for unit operation, SCBA recharging and generator service capability.
- Dual high capacity fans to provide the correct cooling air flow for the compressor and generator set in high ambient temperatures.
- Internal heater to maintain correct pre-operating cooling air flow for the compressor and generator set in high ambient temperatures.
- Internal heater to maintain correct pre-operating temperatures during outside storage in sub zero ambient conditions.
- Standard with four 6000 PSIG CTC 509 3/ft cylinder air storage system.
- Fully independent diesel generator sized to operate the compressor and auxiliary power requirements.
- Independent control for starting the diesel generator with system fault monitoring and safety shut down features.
- Diesel fuel tank with 50 litres capacity
- Auxiliary power receptacles located at the side access door for operation of small power tools or extension cords.
- Secondary shore power fused disconnects and 25' of power cable for operation of the system without the diesel generator.
- Pneumatic telescoping light pole, automatically deploys when the light switch is engaged with four 500 Watt halogen lamps.
- External fresh air intake with dust removing pre-filter.
- Silent version high pressure compressor.
- Filter system includes the Securus cartridge moisture control monitoring system with warning and automatic shut down features.
- CO monitoring system with audible alarm and shut down features and includes calibration kit.
- NFPA 1901 certified fill station with automatic safety air control shut off valve when the SCBA access door is open.
- Single fill pressure of 2216 or 4500 PSIG SCBA recharging is standard.
- Open storage area suitable for storing up to 20 spare SCBA cylinders.
- Control valves for air storage cascade system.
- All pressure components are CRN certified and registered in all provinces in Canada.
- The complete system is CSA certified.

JORDAIR IS ISO 9001:2008 CERTIFIED

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OPTIONS:

- Dual ambient and/or booster compressor system is able to operate from the ambient air then switch over to the booster mode and use all the stored air in the cascade cylinders. The stored air can be used down to 100 PSIG and boosted up to the required SCBA fill pressure of 2216 PSIG or 4500 PSIG. This option provides the security to continue to refill SCBA cylinders with pure air when the ambient air is contaminated.
- CO2 inlet scrubber is very valuable when the ambient air has a high CO2 content.
- CO2 monitoring system is recommended to monitor the intake air after the CO2 scrubber with a high level alarm and switch over to booster mode or system shut down.
- Larger capacities of filter systems for extended filter cartridge life.
- ASME certified cylinders can be ordered in place of the CTC type air storage system.
- Single or all fill points of the SCBA fill station available in dual 2216 PSIG and/or 4500 PSIG cylinder recharging.
- SCUBA cylinder 3000 PSIG or 3500 PSIG fill point available.
- PLC control for the fill station providing operator log in and exact fill rates for all cylinders at a rate of 300 PSIG per minute regardless of the pressure in the cylinder.
- Dual preset regulators for 2216 PSIG and 4500 PSIG SCBA cylinder recharging available.
- External connection point for recharging HP air storage cylinders on trucks, air trailers or air carts.
- Manual HP hose reel with 100 feet of 6000 PSIG hose and quick disconnect.
- Low pressure air system with manual or automatic retraction hose reels and 100 feet of breathing air hose available.

The MOB-KAT trailers are available in single and/or dual axel configuration depending on the payload weight. Custom systems will be designed to meet the exact customer's specific requirements.

Contact your Jordair representative or the factory to discuss your specific requirements and to customize a trailer system to meet them.

Jordair also provides compressors, air storage and NFPA 1901 compliant fill stations for installation in light air trucks for the fire service.



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