CATALOG

sales@bluemountainops.com

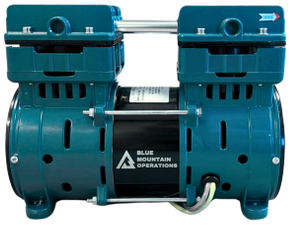
BLAIR ULTRA Compressor

- BLAIR ULTRA Compressor with PM Motor and VFD Controller
- 30 Gal Air Receiver + Adsorbent Dryer + HPPA filter
- Climate Controlled Enclosure + Solar Fan
- 48V DC input, up to 8 CFM flow rate 0-120psi
- Customizable for higher pressure or high rate requirement



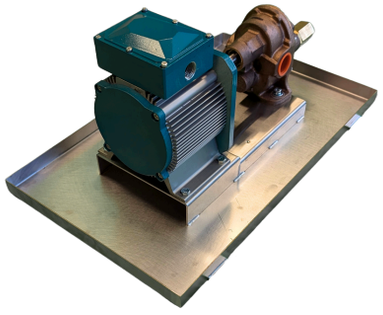
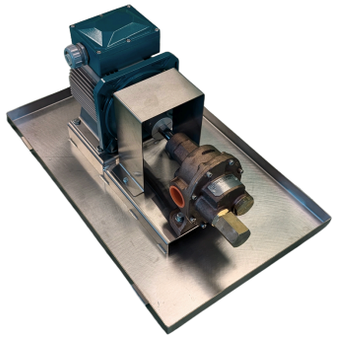
BLAIR ECO+ Compressor

- BLAIR ECO+ Compressor with PM Motor and Controller
- 12 Gal Air Receiver + Adsorbent Dryer + HPPA filter
- Climate Controlled Enclosure + Solar Fan OPTIONAL
- 24V DC input, up to 4 CFM flow rate 0-120psi
- Climate Controlled Enclosure + Solar Fan



BMO Circulation Pump

- BMO Circulation Pump with PM Motor and VFD Controller
- Corrosion resistant bronze pump
- Fluid Spill Pan, Motor Stand, and Coupler
- 24V DC input, 1-12 GPM, 0-40 psi discharge pressure

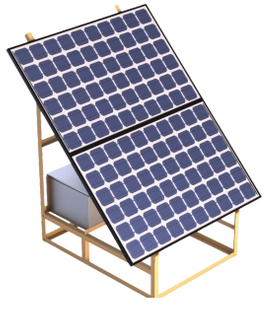
BMO ECO All-In-One

- BLAIR ECO Compressor with PM Motor and Controller
- 5 Gal Air Receiver + Gal Adsorbent Dryer + HPPA filter
- 24V DC input, up to 2.5 CFM Flow Rate 0-120 psi
- BMO Circulation Pump + Accessories
- BLAIR Solar Skids



BLAIR Solar Skids

- Easy to Construct 2" Angle Iron Frame, Coated
- Battery Box for 6-8 batteries
- Junction Box + Charge Controller (pre-wired)
- 2 x Solar Panels (>760W)
- Can be fully constructed (turnkey)
- Easy disassemble for transportation and reuse



ABOUT US

Company Summary

Blue Mountain Operations (“BMO”) was founded by a group of engineers and oil and gas professionals to develop the most robust compressors and pumps with the least power consumption scientifically possible, accomplished with cutting-edge low-speed high-torque Permanent Magnet Synchronous Motor (PMSM) and VFD controllers that rival EV and Aerospace industry motor designs. The PMSM motor and VFD controllers offers unparalleled efficiency, powered by compact solar systems for easy deployment in remote locations. This approach not only reduces power requirements, but also enhances reliability and eliminates equipment-related downtime.

BMO believes that reducing economic barriers is the key for methane reductions associated with pneumatic device operations in remote upstream or midstream operations without electric grid access. We pride ourselves to be the most innovative and price competitive solutions providers in the space. In combination of our price efficiency, we also offer other economic solutions such as credit generation and monetization to large project operators, making us truly the unparalleled partners for US onshore oil and gas operators in their effort to reduce emission.

Mission Statement

At Blue Mountain Operations, our mission is to uphold the highest integrity in all we do. We commit ourselves to building something truly great, and strive for excellence in every product we deliver. We are dedicated to understanding and connecting with our customers, fueled by relentless curiosity and a commitment to innovation. We deliver top-tier services through conscientiousness and consistency in our work. Above all, we hold ourselves accountable for our impact on our customers, energy community, and our country.

Core Technology

BMO’s technology leverages a high-efficiency Permanent Magnet Synchronous Motor (PMSM) coupled with a switching mode VFD controller technology that has been implemented in various automotive, aerospace, and military applications. Low-speed high torque motors are also used in many military and navel applications where efficiency is a primary design factor. BMO’s high-efficiency PMSM system design targets instrument air systems through low-speed/high-torque control at lower cost and higher resilience relative to existing high-speed/low-torque PMSM system applications.

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