

Mobile Air Compressor Station

Custom Solutions













Product Description

We are a professional manufacturer specializing in compressed air purification equipment, covering a full range of products including refrigerated air dryers, adsorption air dryers and mobile air compressor stations. Our mobile air compressor stations integrate air compression, purification, drying and storage into one, with flexible mobility and stable performance, providing on-site, continuous and clean compressed air for various temporary or mobile production scenarios.

Application Industries

Widely used in industries that require mobile and temporary compressed air supply, including construction & engineering, mining, oil & gas exploration, emergency rescue, outdoor maintenance, event venues, food processing (temporary production lines), pharmaceutical (mobile workshops), shipbuilding, and field operation industries. It is also suitable for enterprises that need temporary air supply during equipment maintenance or production line expansion.

Custom Configuration Service

Please provide us with your key demand parameters: required compressed air flow rate, working pressure, required pressure dew point, outdoor working temperature range, mobile frequency, and specific application scenarios. Our professional

technical team will combine your actual needs to configure the most suitable mobile air compressor station model, including matching the appropriate air compressor, dryer, filter and storage tank, to ensure optimal performance and cost-effectiveness.

Optional Materials & Components

- Air compressor: screw air compressor (fixed speed / variable frequency), piston air compressor (optional according to flow and pressure requirements)
- Drying equipment: integrated refrigerated air dryer, adsorption air dryer (matched according to dew point requirements)
- Frame & chassis: carbon steel (anti-rust spray treatment), stainless steel 304 (for corrosive outdoor environments); equipped with solid tires or pneumatic tires for easy movement
- Control system: PLC intelligent control, touch screen operation, one-key start, automatic protection (overload, over-temperature, low oil pressure) and fault alarm functions
- Filtration system: pre-filter, precision filter, activated carbon filter (to remove dust, oil and impurities)
- Storage tank: carbon steel tank, stainless steel tank (different capacities optional, to stabilize air pressure)
- Accessories: pressure gauge, temperature gauge, automatic drain valve, silencer, emergency stop button, cable reel, rain cover (for outdoor use)
- Power supply: diesel engine driven (for field without power supply), electric driven (for scenes with power supply); voltage customizable to meet international standards

Main Features

- Flexible mobility: integrated design with movable chassis and tires, easy to transport and move, suitable for various on-site operations
- One-stop solution: integrates air compression, drying, filtration and storage, no need for separate installation of multiple equipment
- Stable and reliable: adopts high-quality core components, strong adaptability to outdoor harsh environments, continuous and stable operation
- Intelligent operation: full automatic control, simple operation, no professional operation experience required
- Customizable design: can be tailored according to different flow, pressure and dew point requirements, highly matching actual application scenarios
- Easy maintenance: compact structure, reasonable layout, convenient for daily inspection and maintenance

For more detailed models, technical parameters, customization plans and quotation information, please contact us for details.

Refrigerated Air Dryer & Desiccant Air Dryer - Demargo

Demargo (Shanghai) Energy-Saving Technology Co., Ltd. is a national high-tech enterprise and a Shanghai "Specialized, Refined, Characteristic and Innovative" enterprise, devoting itself to the R&D, production, sales and after-sales service of compressed air purification equipment for 19 years. With a firm commitment to energy conservation, environmental protection and technological innovation, we have grown into a leading manufacturer in the air compression post-treatment industry, providing high-quality, customized solutions for global industrial customers.

Our core strength lies in strong technological research and development capabilities. Up to now, we have owned 24 authorized patents and 22 patents under application, covering key technologies of air drying and purification equipment, which effectively guarantees the stability and energy efficiency of our products. We have passed ISO9001 and QS certifications, and our products comply with international industrial standards, with dew point ranging from -23°C to -70°C,

air treatment capacity of 1~500Nm³/min, and outlet oil content as low as 0.003PPM, reaching the industry-leading precision level.

We boast a comprehensive and diverse product portfolio, covering more than 60 product categories, including 21 standard products and a variety of non-standard customized products that lead the industry. Our main products include air compressors and their accessories, air receivers, refrigerated dryers (including plate heat exchanger type, high-temperature air-cooled type, DC inverter type, etc.), adsorption dryers, combined dryers, heat of compression adsorption dryers, filters, zero-air-consumption blower-heated dryers, self-cleaning air filters, compressed air pre-cooling units, low-temperature high-pressure nitrogen pre-cooling units, industrial chillers, oil-water separators, oil removers and aftercoolers, etc.. We support 12 types of product configurations such as air-cooled/water-cooled, fluorine-free/high-temperature, inverter/explosion-proof, and can provide intelligent solutions such as industrial computer and programmable control according to customer needs.

With excellent product quality and professional service, we have won wide recognition in the global market. Our customers are distributed in more than 20 countries and regions around the world, including Brazil, Australia, etc., and we have established in-depth cooperation with more than 20 OEM manufacturers and 2299 brand agents. Our annual output reaches 9,682 sets, and the cumulative sales volume exceeds 100,000 sets, which fully demonstrates the market influence and customer trust in our brand.

Customer-centricity is our consistent service philosophy. We provide a full-cycle service system from pre-sales design, in-sales installation to after-sales maintenance: we promise 30-minute response, 24-hour online guidance and 48-hour on-site service, and ensure spare parts supply response within 24 hours, effectively solving the worries of customers in product use. We are committed to tailoring the most suitable compressed air purification solutions for customers in more than 30 industries such as power, aerospace, electronics, and chemical industry, helping enterprises reduce energy consumption, improve production efficiency and product quality.

Looking forward to the future, Demargo will continue to increase R&D investment, accelerate technological innovation, expand the global market layout, and strive to become a world-class provider of compressed air purification and energy-saving solutions. We sincerely look forward to cooperating with partners from all over the world to jointly promote the development of the global industrial energy-saving and environmental protection industry!

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