

ON-SITE ENERGY FOR RENTAL

— Diesel Engine Driven Air Compressor

POWERED BY :



POWERLINK Diesel Engine Driven Air Compressor

Compressed air solution specifically developed for the rental market, provides users with high-quality compressed air. It features powerful performance and long durability. Discharge pressure ranges from 7-25bar, discharge flow rate 37-1600CFM.

Based on the differences in the installation location and application requirements of each project, Powerlink offers investors the appropriate type of unit to meet the various application needs of users.

- PLC control system
- Fully synthetic lubricating oil
- Folding oil separation core with oil content below 3ppm
- Fully enclosed chassis to prevent leakage
- Double-layer air filter
- Large capacity fuel tank to ensure 8h of continuous operation
- The patented air path control system is balanced and stable



Diesel Engine Driven Air Compressor – DBS Series

POWERink
Air Systems

- Discharge flow: 37-200cfm, Discharge pressure: 7-10bar

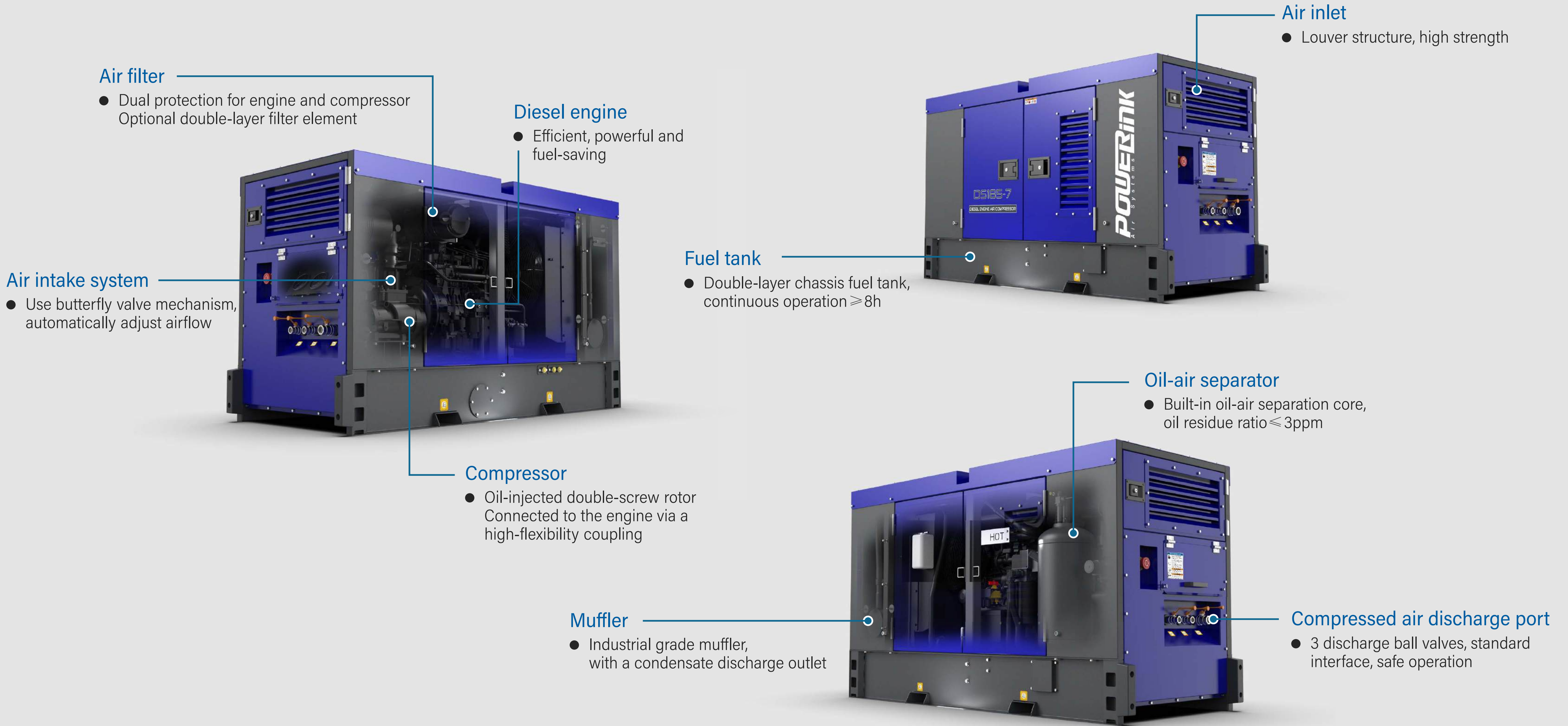


Dimensions(LxWxH): 1935x840x1150, Net weight: 1026kg

Diesel Engine Driven Air Compressor — DBS Series



- Discharge flow: 37-200cfm, Discharge pressure: 7-10bar



Diesel Engine Driven Air Compressor — DBS Series

- Discharge flow: 37-200cfm, Discharge pressure: 7-10bar

- Ambient temperature adaptability: -25°C~50°C
- Canopy: Made of SECC, corrosion-resistant; IP54, high sealing performance
- Spacious maintenance door: Spacious operating space, full maintenance capability
- Diesel engine: Efficient, powerful and fuel-saving
- Compressor: Oil-injected double-screw rotor, connected to the engine via a high-flexibility coupling
- Air filter: Dual protection for engine and compressor, optional double-layer filter element
- Air control system: 0-100% discharge volume smooth adjustment, energy-saving
- Manual control system: Intelligent controller, real-time monitoring safety protection
- Fuel tank: Double-layer chassis fuel tank, continuous operation ≥ 8 h
- Forklift channel: Easy to move and transport
- Emergency stop button: Safe operation, prevent accidents



Diesel Engine Driven Air Compressor – DBM Series

POWERink
Air Systems

- Discharge flow: 210-850cfm, Discharge pressure: 8-17bar



Dimensions(LxWxH): 2550x1202x1570, Net weight: 2099kg

Diesel Engine Driven Air Compressor — DBMT Series

- Discharge flow: 210-850cfm, Discharge pressure: 8-17bar



Diesel Engine Driven Air Compressor – DBM Series



- Discharge flow: 210-850cfm, Discharge pressure: 8-17bar

Radiator

- With high-temp. protection mesh, suitable for 50°C ambient temp.

Air filter

- Dual protection for engine and compressor
- Optional double-layer filter element

Air control system

- 0-100% discharge volume smooth adjustment, energy-saving

Diesel engine

- Efficient, powerful and fuel-saving

Air-oil separator

- Built-in air-oil separation core, oil residue ratio ≤ 3 ppm

Compressor

- Oil-injected double-screw rotor
- Connected to the engine via a high-flexibility coupling

PLC control system

- Intelligent controller, real-time monitoring
- Safety protection

Mobile system

- Removable drawbar
- Adjustable towing ring height

Emergency stop button

- Safe operation, prevent accidents

Compressed air discharge port

- 3 discharge ball valves, standard interface, safe operation

Fuel tank

- Double-layer chassis fuel tank, continuous operation ≥ 8 h



Diesel Engine Driven Air Compressor – DBM Series

- Discharge flow: 210-850cfm, Discharge pressure: 8-17bar

- Ambient temperature adaptability: -25°C~50°C
- Spacious maintenance door: Spacious operating space, full maintenance capability
- Chassis: Strong structure, reliable and durable
- Diesel engine: Efficient, powerful and fuel-saving
- Compressor: Oil-injected double-screw rotor, connected to the engine via a high-flexibility coupling
- Air filter: Dual protection for engine and compressor, optional double-layer filter element
- Radiator: With high-temp. protection mesh, suitable for 50°C ambient temp.
- Muffler: Industrial grade muffler, with a condensate discharge outlet
- Air inlet: Louver structure, high strength
- Air intake system: Use butterfly valve mechanism, automatically adjust airflow
- Mobile system: Removable drawbar, adjustable towing ring height
- Forklift channel: Easy to move and transport



Diesel Engine Driven Air Compressor — DBL Series

- Discharge flow: 880-1600cfm, Discharge pressure: 8-25bar



Diesel Engine Driven Air Compressor – DBL Series



- Discharge flow: 880-1600cfm, Discharge pressure: 8-25bar



Compressed air discharge port

- 3 discharge ball valves, standard interface, safe operation

Diesel engine

- Efficient, powerful and energy-saving

PLC control system

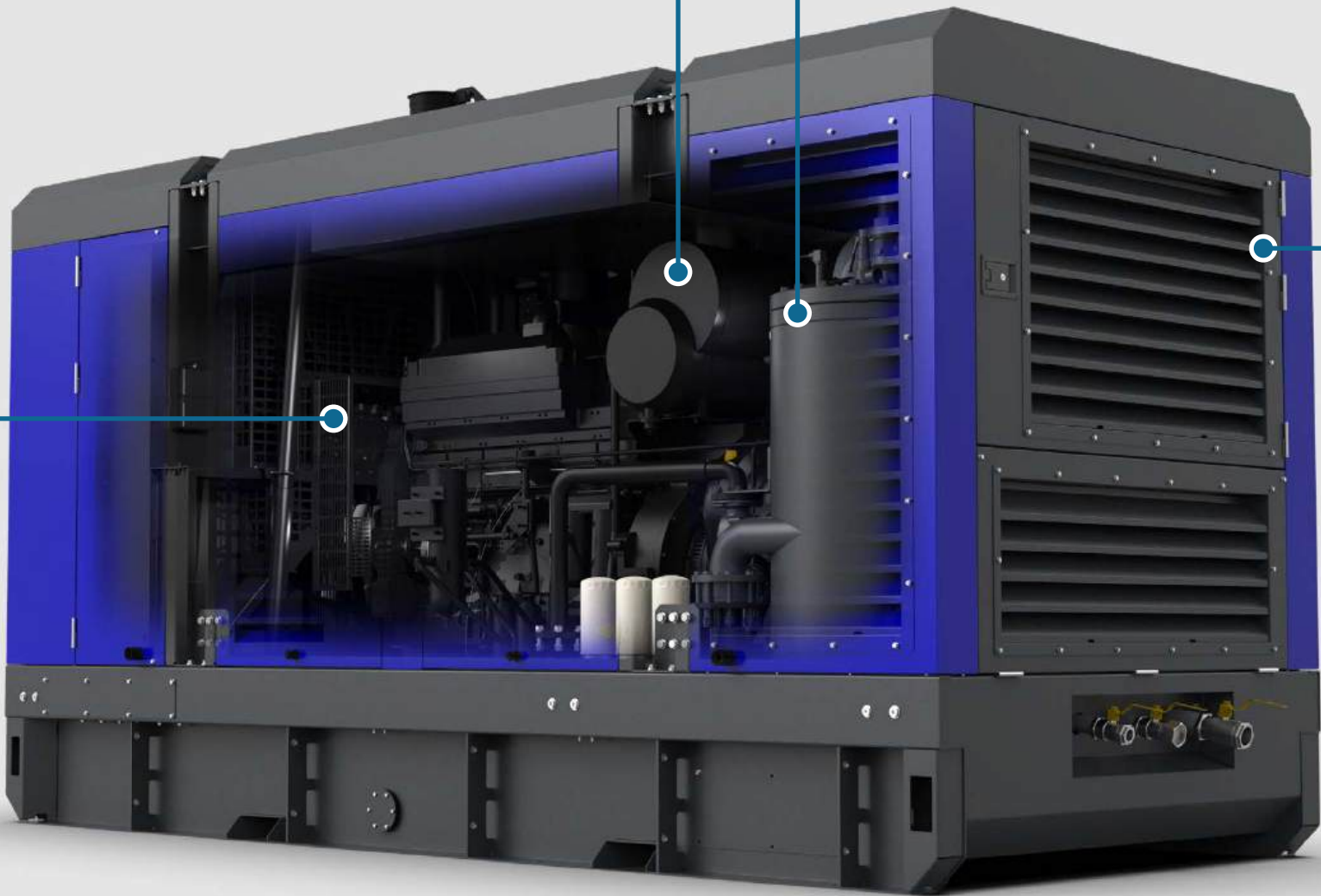
- Intelligent controller, real-time monitoring
- Safety protection

Air filter

- Dual protection for engine and compressor; Optional double-layer filter element

Radiator

- With high-temp. protection mesh, suitable for 50°C ambient temp.



Air-oil separator

- Built-in air-oil separation core, oil residue ratio $\leq 3\text{ppm}$

Air inlet

- Louver structure, high strength



Dual hanger

- Strong structure, safe lifting

Fuel tank

- Built-in fuel level gauge and electronic fuel level sensor, continuous operation $\geq 8\text{h}$

Diesel Engine Driven Air Compressor — DBL Series

- Discharge flow: 880-1600cfm, Discharge pressure: 8-25bar

- Ambient temperature adaptability: -25°C~50°C
- Spacious maintenance door: Spacious operating space, full maintenance capability
- Dual hanger: Strong structure, safe lifting
- Diesel engine: Efficient, powerful and fuel-saving
- Compressor: Oil-injected double-screw rotor, connected to the engine via a high-flexibility coupling
- Air filter: Dual protection for engine and compressor, optional double-layer filter element
- Muffler: Industrial grade muffler, with a condensate discharge outlet
- Air intake system: Use butterfly valve mechanism, automatically adjust airflow
- Air control system: 0-100% discharge volume smooth adjustment, energy-saving
- Fuel tank: Double-layer chassis fuel tank, continuous operation ≥ 8 h
- Oil-air separator: Built-in oil-air separation core, oil residue ratio ≤ 3 ppm



Diesel Engine Driven Air Compressor – DBL Series



- Discharge flow: 880-1600cfm, Discharge pressure: 8-25bar



Compressed air discharge port

- 3 discharge ball valves, standard interface, safe operation

Diesel engine

- Efficient, powerful and energy-saving

PLC control system

- Intelligent controller, real-time monitoring
- Safety protection

Air filter

- Dual protection for engine and compressor; Optional double-layer filter element

Radiator

- With high-temp. protection mesh, suitable for 50°C ambient temp.



Dual hanger

- Strong structure, safe lifting

Fuel tank

- Built-in fuel level gauge and electronic fuel level sensor, continuous operation ≥ 8h

Air-oil separator

- Built-in air-oil separation core, oil residue ratio ≤ 3ppm

Air inlet

- Louver structure, high strength

Diesel Engine Driven Air Compressor — DBL Series

- Discharge flow: 880-1600cfm, Discharge pressure: 8-25bar

- Ambient temperature adaptability: -25°C~50°C
- Spacious maintenance door: Spacious operating space, full maintenance capability
- Dual hanger: Strong structure, safe lifting
- Diesel engine: Efficient, powerful and fuel-saving
- Compressor: Oil-injected double-screw rotor, connected to the engine via a high-flexibility coupling
- Air filter: Dual protection for engine and compressor, optional double-layer filter element
- Muffler: Industrial grade muffler, with a condensate discharge outlet
- Air intake system: Use butterfly valve mechanism, automatically adjust airflow
- Air control system: 0-100% discharge volume smooth adjustment, energy-saving
- Fuel tank: Double-layer chassis fuel tank, continuous operation ≥ 8 h
- Oil-air separator: Built-in oil-air separation core, oil residue ratio ≤ 3 ppm



Diesel Engine Driven Air Compressor – DAS Series

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Air Systems

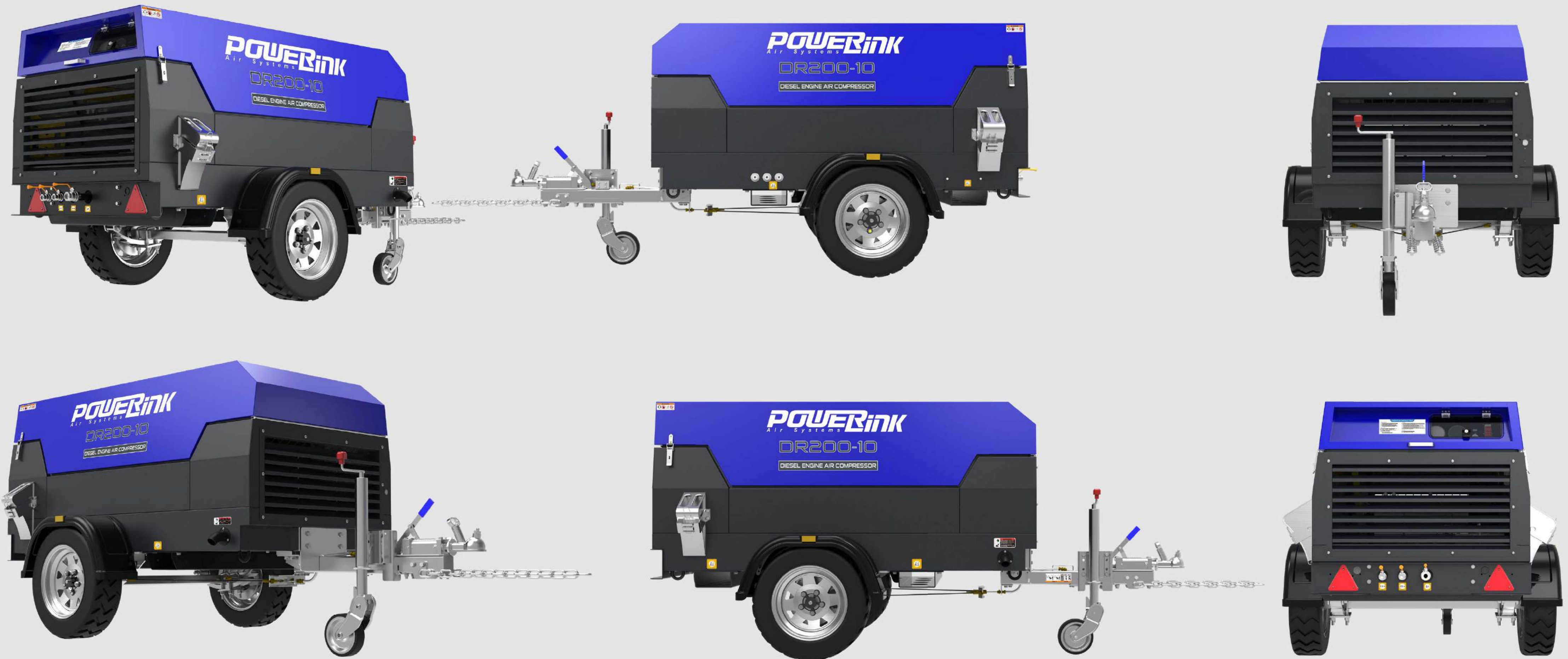
- Discharge flow: 37-200cfm, Discharge pressure: 7-10bar



Dimensions(LxWxH): 2296x1104x1004, Net weight: 1133kg

Diesel Engine Driven Air Compressor – DAS Series

- Discharge flow: 37-200cfm, Discharge pressure: 7-10bar



Diesel Engine Driven Air Compressor – DAS Series



- Discharge flow: 37-200cfm, Discharge pressure: 7-10bar



Air-oil separator

- Built-in air-oil separation core, oil residue ratio ≤ 3ppm

Air inlet

- Louver structure, high strength

Diesel engine

- Efficient, powerful and fuel-saving

Manual control system

- Multiple indicator lights, real-time monitoring of operating status

Mobile system

- Galvanized drawbar
- With driving brake, towing speed up to 80km/h

Canopy

- Made of SECC, corrosion-resistant; IP54, high sealing performance

Compressed air discharge port

- 3 discharge ball valves, standard interface, safe operation

Diesel Engine Driven Air Compressor — DAS Series

- Discharge flow: 37-200cfm, Discharge pressure: 7-10bar

- Ambient temperature adaptability: -25°C~50°C
- Spacious maintenance door: Spacious operating space, full maintenance capability
- Chassis: Strong structure, reliable and durable
- Diesel engine: Efficient, powerful and fuel-saving
- Compressor: Oil-injected double-screw rotor, connected to the engine via a high-flexibility coupling
- Air filter: Dual protection for engine and compressor, optional double-layer filter element
- Radiator: With high-temp. protection mesh, suitable for 50°C ambient temp.
- Muffler: Industrial grade muffler, with a condensate discharge outlet
- Air intake system: Use butterfly valve mechanism, automatically adjust airflow
- Air control system: 0-100% discharge volume smooth adjustment, energy-saving
- Manual control system: Intelligent controller, real-time monitoring safety protection
- Mobile system: Galvanized drawbar, with driving brake, towing speed up to 80km/h
- Fuel tank: Built-in fuel level gauge and electronic fuel level sensor, continuous operation ≥ 8 h



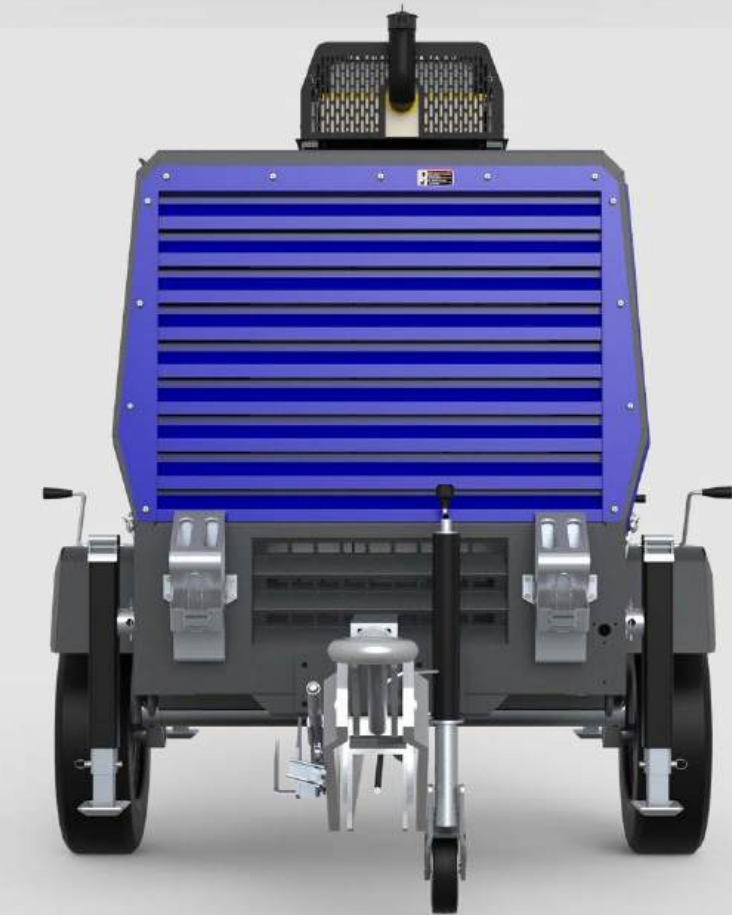
Diesel Engine Driven Air Compressor – DASM Series

- Discharge flow: 210-380cfm, Discharge pressure: 8-13bar



Diesel Engine Driven Air Compressor — DASMT Series

- Discharge flow: 210-380cfm, Discharge pressure: 8-13bar



Diesel Engine Driven Air Compressor – DASM Series



- Discharge flow: 210-380cfm, Discharge pressure: 8-13bar

Compressed air discharge port

- 3 discharge ball valves, standard interface, safe operation

Diesel engine

- Efficient, powerful and fuel-saving

PLC control system

- Intelligent controller, real-time monitoring
- Safety protection

Air filter

- Dual protection for engine and compressor
- Optional double-layer filter element

Spacious maintenance door

- Spacious operating space, full maintenance capability

Air intake system

- Use butterfly valve mechanism, automatically adjust airflow

Mobile system

- Galvanized drawbar
- With driving brake, towing speed up to 80km/h

Compressor

- Oil-injected double-screw rotor
- Connected to the engine via a high-flexibility coupling

Radiator

- With high-temp. protection mesh, suitable for 50°C ambient temp.

Air inlet

- Louver structure, high strength

Air-oil separator

- Built-in air-oil separation core, oil residue ratio ≤ 3 ppm



Diesel Engine Driven Air Compressor — DASM Series

- Discharge flow: 210-380cfm, Discharge pressure: 8-13bar

- Ambient temperature adaptability: -25°C~50°C
- Canopy: Made of SECC, corrosion-resistant; IP54, high sealing performance
- Diesel engine: Efficient, powerful and fuel-saving
- Compressor: Oil-injected double-screw rotor, connected to the engine via a high-flexibility coupling
- Muffler: Industrial grade muffler, with a condensate discharge outlet
- Air intake system: Use butterfly valve mechanism, automatically adjust airflow
- Air control system: 0-100% discharge volume smooth adjustment, energy-saving
- PLC control system: Intelligent controller, real-time monitoring safety protection
- Mobile system: Galvanized drawbar, with driving brake, towing speed up to 80km/h
- Fuel tank: Double-layer chassis fuel tank, continuous operation ≥ 8 h
- Forklift channel: Easy to move and transport



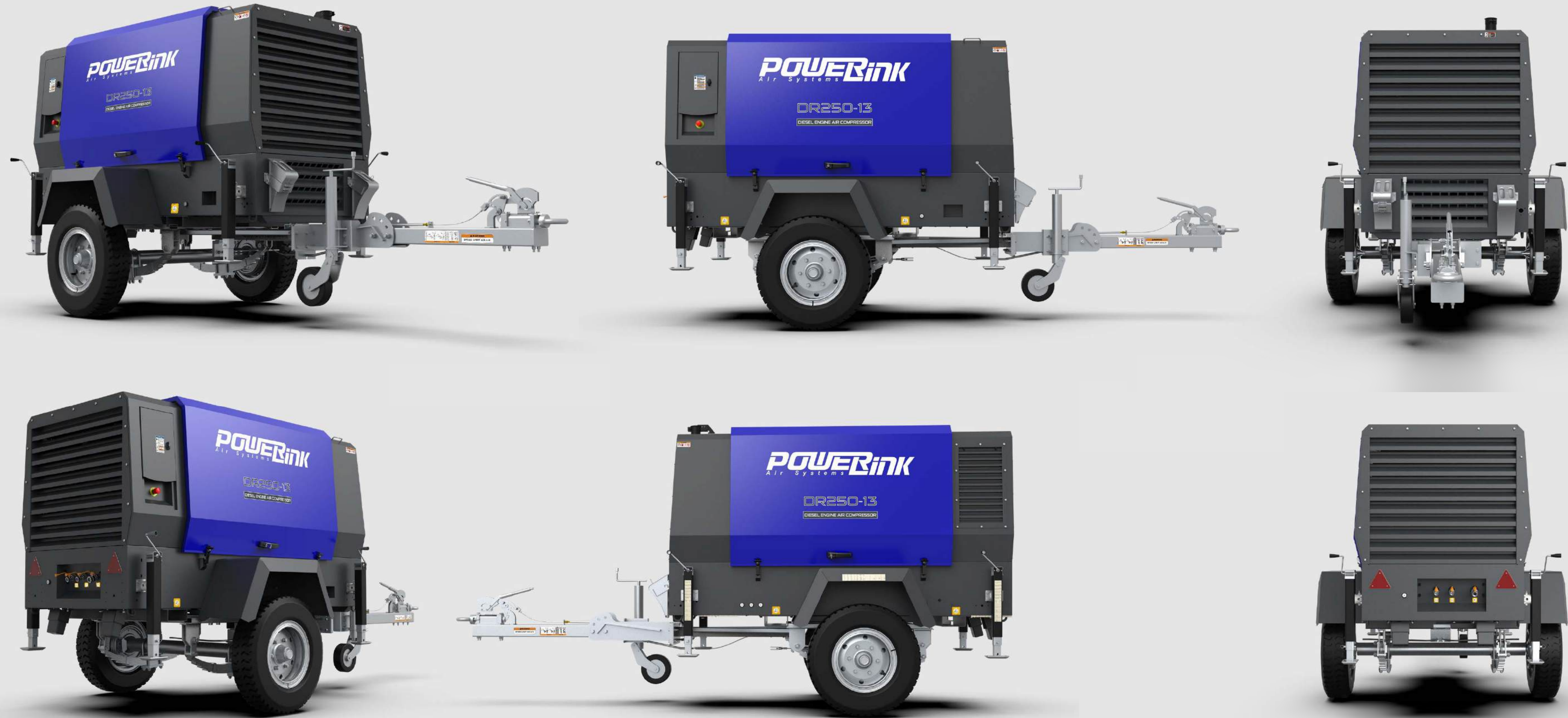
Diesel Engine Driven Air Compressor – DAM Series

- Discharge flow: 400-850cfm, Discharge pressure: 8-17bar



Diesel Engine Driven Air Compressor – DAMT Series

- Discharge flow: 400-850cfm, Discharge pressure: 8-17bar



Diesel Engine Driven Air Compressor – DAM Series



- Discharge flow: 400-850cfm, Discharge pressure: 8-17bar



Diesel Engine Driven Air Compressor – DAM Series

- Discharge flow: 400-850cfm, Discharge pressure: 8-17bar

- Ambient temperature adaptability: -25°C~50°C
- Spacious maintenance door: Spacious operating space, full maintenance capability
- Chassis: Strong structure, reliable and durable
- Diesel engine: Efficient, powerful and fuel-saving
- Compressor: Oil-injected double-screw rotor, connected to the engine via a high-flexibility coupling
- Air filter: Dual protection for engine and compressor, optional double-layer filter element
- Muffler: Industrial grade muffler, with a condensate discharge outlet
- Compressed air discharge port: 3 discharge ball valves, standard interface, safe operation
- Air intake system: Use butterfly valve mechanism, automatically adjust airflow
- PLC control system: Intelligent controller, real-time monitoring safety protection
- Forklift channel: Easy to move and transport
- Emergency stop button: Safe operation, prevent accidents



Diesel Engine Driven Air Compressor – DAL Series

- Discharge flow: 880-1600cfm, Discharge pressure: 8-25bar



Diesel Engine Driven Air Compressor – DAL Series

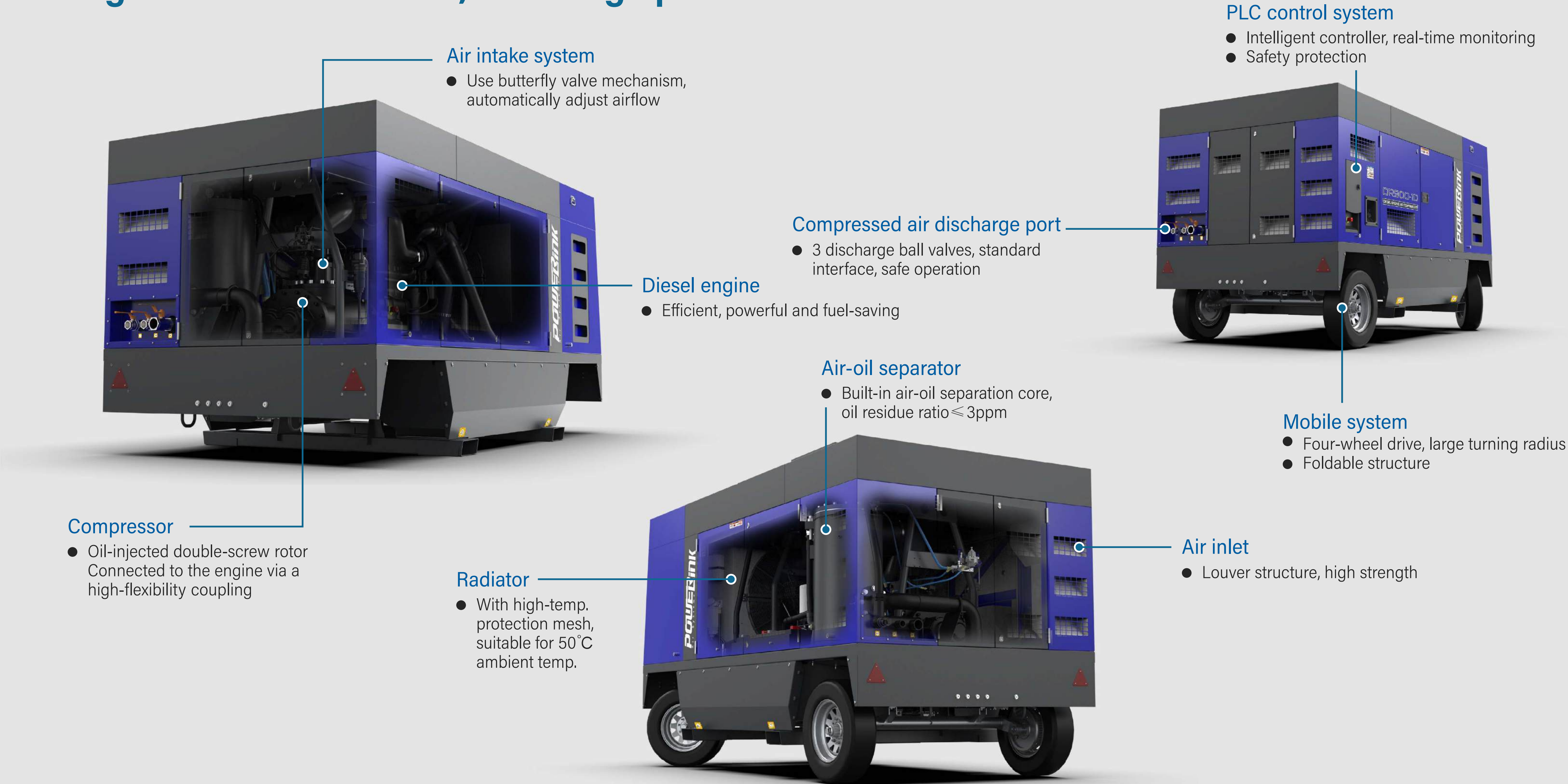
- Discharge flow: 880-1600cfm, Discharge pressure: 8-25bar



Diesel Engine Driven Air Compressor – DAL Series



- Discharge flow: 880-1600cfm, Discharge pressure: 8-25bar



Diesel Engine Driven Air Compressor — DAL Series

- Discharge flow: 880-1600cfm, Discharge pressure: 8-25bar

- Ambient temperature adaptability: -25°C~50°C
- Canopy: Made of SECC, corrosion-resistant; IP54, high sealing performance
- Spacious maintenance door: Spacious operating space, full maintenance capability
- Diesel engine: Efficient, powerful and fuel-saving
- Compressor: Oil-injected double-screw rotor, connected to the engine via a high-flexibility coupling
- Air filter: Dual protection for engine and compressor, optional double-layer filter element
- Muffler: Industrial grade muffler, with a condensate discharge outlet
- Air control system: 0-100% discharge volume smooth adjustment, energy-saving
- PLC control system: Intelligent controller, real-time monitoring safety protection
- Mobile system: Four-wheel drive, large turning radius, foldable structure
- Fuel tank: Built-in fuel level gauge and electronic fuel level sensor, continuous operation ≥ 8 h



Diesel Engine Driven Air Compressor — Optional

After cooler

- Cool down and dehumidify, ensure compress air circuit quality



Two-stage air filter

- Two-stage filtration, prolong life protect the engine and compressor



Air/water separator

- Automatic dewatering, protect the pneumatic system



Water jacket preheater

- Fast heating, improve the low temperature start-up performance



Parking heater

- Battery power supply, preheat coolant improve the low temperature start-up performance



Heating rod

- Battery power supply, preheat the air control circuit



ON-SITE ENERGY SOLUTION—COMPRESSED AIR



- ✓ Stable
- ✓ Durable
- ✓ Long-lasting

- Application Fields:
- Transportation

■ Project

■ Mining

■ Communications

■ City construction

■ Shipbuilding

■ Energy resources

DB Series Diesel Engine Driven Air Compressor



DA Series Diesel Engine Driven Air Compressor

