

# DIESEL DRIVEN AIR COMPRESSORS



**Applications** – Common jobs that use the compressor system:

- Mobile heavy duty mechanics
- Mobile tire service technicians
- 24/7 roadside repair technicians
- Remote jobsites (when skid-mounted)

**Commonly used tools:**

- 1" impact wrenches
- 60 lb jackhammers
- Backfill tampers
- Vertical/horizontal grinders
- Sanders
- OTR tire inflation

# DIESEL DRIVEN AIR COMPRESSORS

## SPECIFICATIONS

---

Air Compressor: Up to 60 CFM, 150 psi, 100% duty cycle, VMAC oil-injected rotary screw, direct driven

---

Engine: Kubota Diesel D902 3-cylinder, naturally aspirated 3600 rpm, Tier 4 Final

---

Weight (wet): Approximately 450 lbs (204 kg)

---

Dimensions: 34.5" (l) x 18" (w) x 28" (h); 87.6 cm (l) x 45.7 cm (w) x 71.1 cm (h)

---

Throttle Control: 2-speed throttle, responds to air demand

---

Battery: Integrated ACDelco 12 V, 460 CCA, 575 CA

---

Control System:

- Easy to use digital control system with adjustable parameters.
- Remote mounted air compressor control panel.
- With sustained periods of no air use, the control system will shut down the engine.

# DIESEL DRIVEN AIR COMPRESSORS

---

- Engine auto-restarts with air demand.
  - Programmable auto restart in cold temperature or low battery voltage.
  - Data logging of error codes.
  - Automated service reminders.
- 

## Cold Climate Protection:

- Adjustable glow plug control.
  - Engine and compressor will wait till the temperatures are above 41°F (5°C) before loading and going into a running state.
  - Engine will automatically restart when system temperature falls below 23°F (-5°C); small heat strip included in LCD Digital Control Box.
  - Optional Cold Climate Model – Includes factory-installed 110VAC Cold Climate Heaters, tested to -40°F (-40°C); battery jump-start connections for vehicle battery tie-in, will charge the vehicle batteries while running
- 

## Safety System:

- Audible warning before system starts
- Flashing light while system in Standby Mode
- Automatic rapid blow-down valve on tank
- 200 psi pressure relief valve
- Engine and compressor over temperature shutdown

# DIESEL DRIVEN AIR COMPRESSORS

---

- Low fuel warning
  - Air filter restriction warning
- 

Decibels (dB) @ 20 feet (6.1 meters): 83 dB at high idle, 76 dB at low idle, 0 dB in Standby Mode

---

Fuel Supply Options:

- 7-Gallon tank with fuel gauge and low fuel shut-off sensor
- Transfer fuel priming pump kit

---

Air Receiver Tank (recommended, not included): Minimum 6-Gallon Air Receiver Tank - Recommended for proper operation of all functions.

---

Warranty:

- Two years on all major components; VMAC air ends are covered by VMAC's Lifetime Warranty; the Kubota engine is covered by Kubota's 2-Year Warranty.