

250 CFM Portable Diesel Rotary Screw

Tier 4 Final compliant air for wellsite service, pipeline work, and refinery turnarounds.

Features

- 250 CFM at 150 PSI from a single-stage rotary screw airend
- 72 HP Yanmar 4TNV98CT — EPA Tier 4 Final certified
- 26 gallon fuel tank
- Two-stage steel-housed intake filtration for dusty conditions
- Oil carryover under 3 ppm
- Rated for ambient temperatures to 122 °F
- Digital control panel with live operating parameters
- Two-wheel towable, 3,307 lbs
- Anti-static belts and fan blades, emergency stop, automatic shutdown protection



No Start Up Kit Required

Lifetime Parts Warranty Available

Industrial Gold

Quality Air Compressors at a Great Price.

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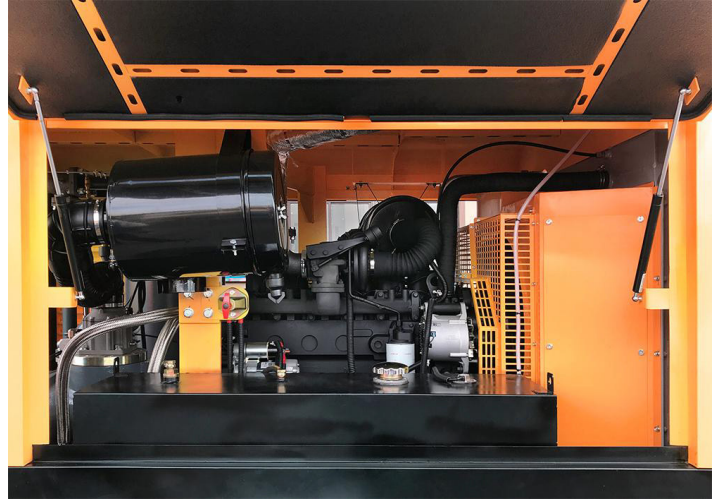
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Features

Airend

- New-generation asymmetric α -profile 5/6 rotor set for higher volumetric efficiency
- Redesigned butterfly-shaped discharge port optimizes the oil injection point and reduces overall power draw
- Rotors machined on Holroyd grinders; dynamic balance to G2.5, for quieter running



Yanmar 4TNV98CT Diesel Engine

- 72 HP (53.7 kW) four-cylinder, 98 × 110 mm bore and stroke
- EPA Tier 4 Final / EU Stage V certified
- Turbocharged and charge-air cooled
- Two-speed operation: 2,400 rpm loaded, 1,300 rpm at idle
- 26.4 gallon fuel tank
- Dual 720 CCA batteries for reliable cold starting
- Microcomputer controller with speed regulation, automatic control, and status display



Superior Performance

- Patented oil/air separation system delivers cleaner compressed air. Oil carryover under 3 ppm with less than 3 psi (0.02 MPa) pressure drop across the separator
- Purpose-built intake filtration: steel-housed two-stage air filters with a mechanical restriction indicator, for clean air even in dusty conditions
- Automatic shutdown protection



Intelligent Control & Protection

- Continuous monitoring with alarm and warning functions for full-time visibility into machine operation
- Digital control panel displays live operating parameters
- Guard over the engine drive belt for safe operation
- Oversized mesh guard over the cooling fan
- Emergency stop button
- Anti-static drive belts and fan blades to prevent sparking



Noise & Vibration Control

- Composite acoustic insulation
- Low-VOC, heat resistant and flame retardant, with a high surface area that effectively attenuates high-frequency noise in the 1,000–2,000 Hz range
- Vibration isolators developed specifically for compressor applications, combining high vertical compliance with lateral stiffness to absorb vibration from the drivetrain and enclosure and hold overall machine vibration under 7.1 mm/s



Technical Data

Compressor Package

Compression type	Single-stage, oil-injected screw
Free air delivery	250 CFM (7.1 m ³ /min)
Working pressure	150 PSI (10 bar)
Drive	Direct drive
Reference atmospheric pressure	14.98 psia (0.1033 MPa)
Max. ambient temperature	122 °F (50 °C)
Discharge temperature	Ambient +27 °F (ambient +15 °C)
Max. relative humidity	80%
Lubricant capacity	6.6 gal (25 L)
Oil grade	ISO VG 46
Separator tank volume	11.9 gal (45 L)
Rotor material	SAE 1141 steel
Wheels	2
Dimensions (L×W×H)	122" × 65" × 70" (3100 × 1650 × 1780 mm)
Weight	3,307 lb (1,500 kg)
Air outlet connections	(1) 1" BSPP, (2) 3/4" BSPP

Diesel Engine

Model	Yanmar 4TNV98CT
Emissions	EPA Tier 4 Final / EU Stage V
Rated power	72 hp (53.7 kW)
Bore × stroke × cylinders	3.86" × 4.33" (98 × 110 mm), 4-cylinder
Speed, loaded	2,400 rpm
Speed, unloaded	1,300 rpm
Engine oil capacity	3.2 gal (12 L)
Coolant capacity	4.1 gal (15.5 L)
Fuel tank	26.4 gal (100 L)
Battery	2 × 720 CCA
Controller	Speed regulation, automatic control, status display

Dimensions & Drawings

