

OFD1550

Portable Oil Free Rotary Screw Air Compressor

1550 cfm at 150 psi – 43.89 m³/min at 10 bar



sullair.com.au

 **SULLAIR**
A Hitachi Group Company

OIL FREE WHERE YOU NEED IT TO BE

More air compressor applications than ever require oil free air. Sensitive plant operations require a reliable source of oil free backup air. The Sullair OFD1550 air compressor is built for long-lasting performance and brings Class O Oil Free Air directly where it is needed — plant side, refinery side — and job site!

OIL FREE AIR IN A PORTABLE PACKAGE

The OFD1550 portable air compressor provides Class O Oil Free Air in a package designed for both short-term and longer-term usage. Featuring the legendary Sullair Dry Screw Two-Stage Airend driven by a powerful

Caterpillar C15 diesel engine, the OFD1550 provides versatile operation — even in environmentally sensitive applications.

The Sullair OFD1550 allows you to put oil free air right where it is needed. Easily able to navigate a job site — the compact design makes it easy to store and transport — at your lot or at offsite customers. Plus it includes features that matter such as the state-of-the-art 7" color Sullair Touch Screen Controller, the ability to operate in temperatures ranging from -28°C to 46°C; high altitude capability (up to 3,600 meters above sea level) as well as low emission diesel engine packages.



Key Features

7" Sullair Touch Screen Controller (STS)

- Provides easy access to all compressor operation data and pressure adjustment

Multiple Lockable Service Doors

- Provides easy access to all service components

Durable Sullair Two-Stage Airend with high efficiency rotors

- PTFE coated to resist corrosion and help extend air end life

110% Fluid Containment Frame

- Meets standards for operation in environmentally sensitive areas

Pivoting drawbar

- Helps optimize space once unit is placed

Easy-Operation External Fuel Valve

- Extends runtime beyond ten plus hours onboard fuel capability

Site towable running gear with steerable front axle

- For quick and easy transport onsiteOptional

Onboard heaters

- For cold weather starting and operation

Solar Battery Charger

- For reliable startup anywhere, anytime
- Helps ensure battery is charged and ready for startup when unit is stored outside

SULLAIR OFD1550

Portable Oil Free Rotary Screw Air Compressor

FEATURES & BENEFITS

Proven and Durable Package

- Legendary Sullair Dry Screw Two-Stage Airend featuring:
 - High efficiency asymmetrical profile rotors
 - Coated with FDA-approved food-grade PTFE to resist corrosion
 - Timing gear controlled rotor clearances for extended rotor life
 - High-precision bearings with consistent lubrication for improved machine life
- 110% fluid containment frame
- Galvannealed steel enclosure
- Multiple lockable service doors provide easy access to virtually all service items

Powerful Caterpillar 15L Diesel Engine

- Meets Tier 3 emissions standards

1550 cfm at 150 psi with adjustable pressure from 70 to 150 psi

Compact Design

- Site-towable with steerable front axle
- Foam filled tires cover even rough terrain and never go flat
- Forklift pockets standard for ease of transport
- Lift bail provides fixed point for overhead lifting
- Pivoting drawbar allows two machine loadability on standard flatbed semi trailer

Optimum Performance

- Innovative package design for excellent airflow
- Engineered to provide maximum cooling efficiency
- Patent-pending hydraulically actuated inlet valve specifically designed to operate even in extreme temperatures

Ready for Jobsite and Extended Duty Uses

- 950 Litres onboard fuel system provides 10 hours plus runtime
- Easy-operation valve to connect an external fuel source for extended duty runtime
- Two-step gear box for optimized pressure ratios and optimal fuel efficiency

7" Color Sullair Touch Screen Controller

- In depth compressor and engine performance information on demand
- Rugged touch screen works even when wearing gloves
- User access passcode
- Engine jog feature for extended storage periods

AirLinx® — a Telematics Solution Providing:

- GPS to keep track of your units via Internetconnected devices
- Fleet management
- Remote monitoring and troubleshooting capabilities

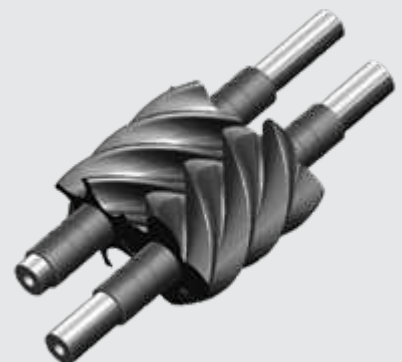
Optional Safety Features

- Air shut off for overspeed protection
- Spark Arrestor (DPF) for fire safety

Extras included in Standard Configuration

- Refinery Package
- Including 110% fluid containment, anti-static belt, non-metallic fan, engine air shut off valve
- Cold Weather Package to -20°F /-29°C
- Includes heavy-duty AGM batteries, 0W40 engine oil, battery heaters, sump oil heater, ether-assisted start, automatic electro-mechanically controlled louvers

The Sullair OFD1550 features the legendary Sullair Airend — optimized to produce Class 0 Oil Free Air.



TECHNICAL SPECIFICATIONS

PERFORMANCE

Actual Delivery	cfm (m ³ /min)	1550 (43.89)
Rated Pressure	psig (bar)	150 (10.3)
Service Valves, main/auxiliary		1 (3" NPT) / 1 (1" NPT)
Operating Ambient Temperature, max/min °F (°C)	°F (°C)	115 (46) / -20 (-29)
Maximum Operating Altitude	ft (m)	12,000 (3657)
Fuel Consumption Full Load at 150 psi	gph (l/h)	21.4 (81.0) preliminary
Comp. Discharge Shutdown Temperature	°F (°C)	450 (232)
Maximum Operating Tilt		15°

ENGINE

Make	(Emissions Level)	Caterpillar C15 Tier 3
Displacement	in ³ /l	927 (15.2)
Cylinders		6
Operating Speed	rpm	1840
Minimum Idle Speed	rpm	1400
Available Power	bhp (kW)	550 (410)
Electrical System	voltage	24VDC
Battery Rating	CCA	1450
Alternator Rating	amp	110
Radiator Capacity	gal (l)	30 (113.6)
Engine Water Shutdown Temperature	°F (°C)	219 (104)
Fuel Tank Capacity	gal (l)	250 (946)

DWQ PACKAGE

Working Weight	lbs (kg)	21,000 (9525)
Dry Weight	lbs (kg)	18,000 (8165)
Length	in (mm)	251 (6375)
Width	in (mm)	88 (2235)
Height	in (mm)	101 (2565)
Track Width	in (mm)	80 (2032)
Maximum Towing Speed	mph (km/h)	15 (24)
Tire Size		21x8-9
Tire Type		Foam Filled
Rim Size		9.00 E-9