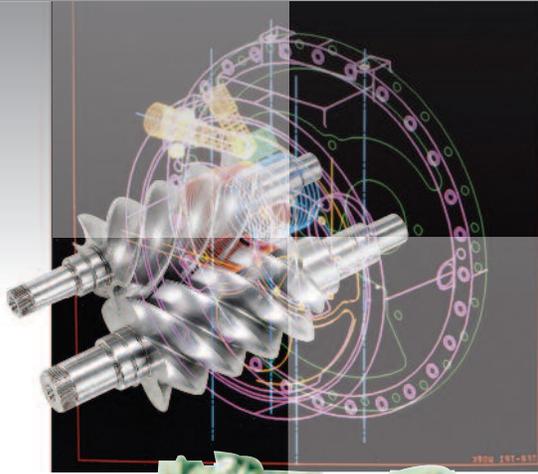


COMPRESSED AIR SOLUTIONS FOR THE ENERGY MARKETS OIL | NATURAL GAS | MINING



SULLAIR CAPABILITIES



SULLAIR LEADERSHIP

Since 1965, Sullair has been recognized around the world as an innovator and a leader in rotary screw compression technology. For more than 40 years, Sullair has designed and manufactured its own rotors and air end assemblies at the corporate headquarters in Michigan City, Indiana, USA.

The award-winning rotary screw design sets the industry standards and delivers the quality and reliability one expects from a leader.

SULLAIR TECHNOLOGY

Utilizing the most modern technologies, equipment and advanced manufacturing techniques, Sullair designs, manufactures, assembles, and tests the most advanced compressed air products in the industry. Sullair products are known around the world for their reliability, robust design and superior quality.

SULLAIR'S STATISTICAL PROCESS CONTROL

Our Statistical Process Control (SPC) system monitors rotor quality standards to assure consistent compressor performance.

SULLAIR'S COMMITMENT TO INNOVATION

Underlying Sullair's leadership is a dedication to excellence and a commitment to innovation. We are constantly exploring new ideas and seeking new ways to meet industry's need for increasingly energy-efficient compressed air solutions.

GLOBAL REACH

Sullair has positioned itself to serve the world marketplace. In addition to its manufacturing complex in the U.S., Sullair has manufacturing facilities in China and France. From these centers, Sullair coordinates a sales and service network that provides comprehensive product support to customers around the world.

SULLAIR : COMPRESSED AIR FOR THE ENERGY MARKETS



EXTREME HIGH PRESSURE AIR

APPLICATIONS

- Pipeline Pigging (Cleaning)
- Dewatering
- Air Drilling (Overbalanced)
- Underbalanced Drilling
- Nitrogen Generation
- Coal Bed Methane Drilling
- Water Well Drilling
- Geothermal
- Dehydrating (Air Dry)
- Bentonite Agitation
- Pressure Testing
- Coiled Tubing Drilling
- Coiled Tubing Fracturing
- High Pressure Acid Leaching—Mining

FEATURES:

Open Frame Design

Designed for stationary applications
Heavy duty frame with mounting feet
Fluid containment within frame
Remote drain valves
Single point lifting bail
Couplings for remote fuel tank

“COMPASS” Electronic Control

The Brains of the system monitors every aspect of the compressor and engine. The user friendly control panel is housed in a NEMA 4 enclosure and provides real time system information.

Rotary Screw Compressor

Two-stage air end incorporates the Sullair Spiral Valve to achieve dual performance.

Dual Capacity/Dual Pressure

Two distinct compressor models in one package.

0 to 100% Capacity Control

Automatic inlet valve and unloaded starting.

Low Emission Engine Technology

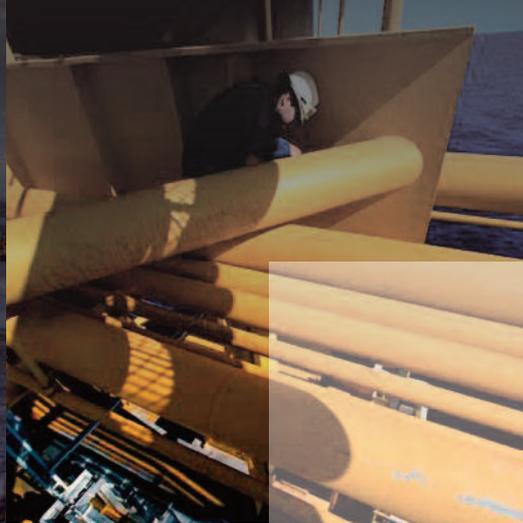
Complies with Tier 3 and Stage 3 emission legislation.

Air End Warranty

5 year or 10,000 hour warranty when continuously serviced at the recommended intervals with Sullair AWF all-weather, all-climate compressor fluid and Sullair filters.



OIL | NATURAL GAS | MINING > EXPLORATION | DRILLING



OIL-FREE AIR

APPLICATIONS

When the only acceptable standard is 100% Oil-Free Air

- Instrumentation
- Catalyst Regeneration
- Supplemental Blower Air
- Refinery Desulphurization
- Soot Removal, Power Plants
- Vapor Recovery Units

FEATURES:

Rugged Design

- Oil field skid
- Four point lift
- Fork lift pockets
- Stainless steel piping
- Heavy duty enclosure
- 100% fluid containment

Versatile Package

- Air-cooled package
- Suitable for outdoors
- Cold weather protection to -20°F
- Auxiliary heater locations
- Self-contained
- Integral air receiver tank
- Noise attenuated enclosure
- Low engine emissions
- Sequencing capabilities
- Choice of air- or water-cooled models
- Available with electric motor drive

User Friendly

- Electronic fuel system
- Integrated control systems
- Fully automated controls
- External user connections
- Remote fueling connections
- Lockable doors
- Lockable fuel fill

Air End Warranty

Sullair offers a three-year warranty on the oil-free air end.



PRODUCTION | TRANSMISSION | PROCESSING



INSTRUMENT QUALITY AIR

APPLICATIONS

- Emergency, Standby or Supplemental Compressed Air for Refineries
- Primary Source for Instrument Quality Air
- Sandblasting
- Pneumatic Tools
- Underwater Drilling Tools

FEATURES:

Produces instrument quality air per ISO 8573.1: Class 1.7.1.
Aftercooler and moisture separator
Primary and secondary filters remove particulate to 0.01 micron and aerosols to 0.01 ppm
Filter warning and shutdown system prevents downstream contamination.

Designed for Total Accessibility

Large front and side doors provide access to air filters, engine and compressor. Rear service door provides access to fuel tank, batteries and compressor fluid cooler. Serviceable components within easy reach.

Routine maintenance is simplified. Reduced downtime and service cost. Service doors feature stainless steel hinges and T-type door retainers. Complete fluid containment.

Three mounting options

Highway towable tandem axle version includes electric brakes, mechanical parking brake, restraining tow chains, E-Z lube axle system and tail lights. Four-wheel steerable mounting and less running gear on mounting rails are also available.



SULLAIR COMPRESSOR SPECIFICATIONS

OPEN FRAME HIGH PRESSURE	MODEL	750XHH/900XHDL*†	900XHH/1150XHDL*†	1150XHH/1350XHDL†	1525XHDL†
GENERAL					
Actual Delivery—cfm (L/S)	750/900 (355/425)	900/1150 (524/543)	1150/1350 (543/637)	1525 (720)	
Rated Pressure—psig (bar)	500/350 (34.5/24)	500/350 (34.5/24)	500/350 (34.5/24)	350 (24)	
ENGINE					
Make and Model	CAT C-15 ATAAC (T3)	CAT C-15 ATAAC (T3)	CAT C-18 ATAAC (T3)	CAT C-18 Twin Turbo	
Operating Speed—rpm	1800	1800	1800	1850	
Available Power—BHP (kW)	475 (354)	540 (403)	630 (470)	700 (522)	
Displacement—in ³ (cm ³)	928 (15.2)	928 (15.2)	1106 (18.1)	1106 (18.1)	
OPEN FRAME PACKAGE					
Working Weight—lbs (kg)	13050 (5919)	13050 (5919)	13050 (5919)	14,650 (6,645)	
Length—in (mm)	182 (4623)	182 (4623)	182 (4623)	182 (4623)	
Width—in (mm)	86 (2185)	86 (2185)	86 (2185)	86 (2185)	
Height	90 (2286)	90 (2286)	90 (2286)	90 (2286)	

OIL-FREE AIR

** AVAILABLE IN ELECTRIC MOTOR MODELS (DR-13)

COMPRESSOR PERFORMANCE

DE-18 MODEL**

Actual Delivery—cfm (m ³ /min)	1550 (43.9)
Rated Pressure—psig (bar)	125 (9)
Rated Pressure, mini—psig (bar)	75 (5.2)
Pressure Range, max—psig (bar)	135 (9)
Pressure optional—psig (bar)	150 (10)

ENGINE

Make and Model	CAT C-15ATAAC (T3)
Operating Speed—rpm	1840
Available—BHP (kW)	540 (403)
Displacement—in ³ (cm ³)	928 (15.2)

COMPRESSOR

Service Valves—No. and (Size)	1 (4")
Add. Service Valves—No. and (Size)	0

PACKAGE

Working Weight—lbs (kg)	25000 (11340)
Length—in (mm)	228 (5791)
Width—in (mm)	88 (2235)
Height—in (mm)	98 (2489)

PERFORMANCE

Fuel consumption 100% Load—GPH (L/h)	21.5 (81.4)
Max. Operating Altitude—ft (m)	12000 (3658)

INSTRUMENT QUALITY AIR	MODEL	900 AF	900H AF	1300H AF	1450HH AF	1600H AF
GENERAL						
Actual Delivery—cfm (m ³ /min)	900 (25.5)	900 (25.5)	1300 (36.8)	1450 (41.1)	1600 (45.3)	
Rated Pressure—psig (bar)	100 (7)	150 (10)	150 (10)	200 (14)	150 (10)	
Pressure Range, min—psig (bar)	80 (5.5)	80 (5.5)	80 (5.5)	80 (5.5)	80 (5.5)	
Pressure Range, max—psig (bar)	25 (8.6)	150 (10.3)	150 (10.3)	200 (14)	150 (10.3)	
ENGINE						
Make and Model	CAT C-9 ATAAC (T3)	CAT C-9 ATAAC (T3)	CAT C-15 ATAAC (T3)	CAT C-15 ATAAC (T3)	CAT C-15 ATAAC (T3)	
Operating Speed—rpm	1800	1800	1800	1800	1800	
Available Power—BHP (kW)	300 (224)	300 (224)	475 (354)	540 (403)	540 (403)	
Displacement—in ³ (cm ³)	538 (886)	538 (886)	928 (15207)	928 (15207)	928 (15207)	
TANDEM AND TRI-AXLE (ALSO AVAILABLE WITH WAGON WHEEL RUNNING GEAR)						
Working Weight—lbs (kg)	10600 (4808)	10600 (4808)	16620 (7539)	16620 (7539)	16620 (7539) 0	
Length—in (mm)	191 (4851)	191 (4851)	240 (6096)	240 (6096)	240 (6096)	
Width—in (mm)	87 (2210)	87 (2210)	88 (2235)	88 (2235)	88 (2235)	
Height—in (mm)	83 (2108)	83 (2108)	93 (2362)	93 (2362)	93 (2362)	
Max. Towing Speed—MPH (km/h)	55 (89)	55 (89)	55 (89)	55 (89)	55 (89)	



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