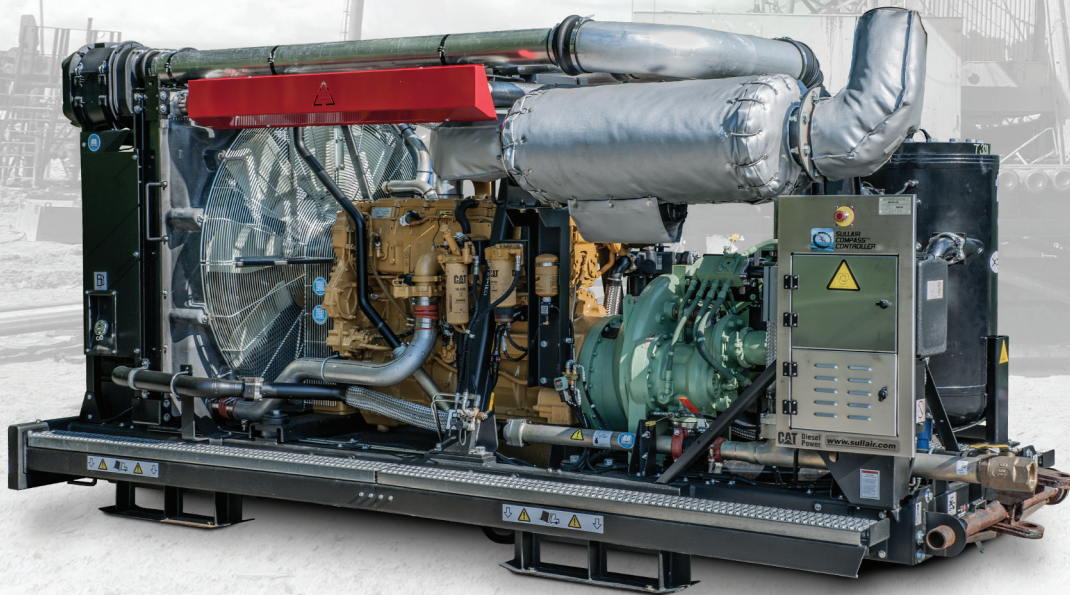


# SULLAIR OPEN FRAME AIR COMPRESSOR

## TIER 3

25.5/32.5 m<sup>3</sup>/min at 34.5/24 bar ■ 1150/1350 cfm at 500/350 psi  
36.8/43.2 m<sup>3</sup>/min at 34.5/24 bar ■ 1350/1525 cfm at 500/300 psi



## DESIGNED FOR TOTAL ACCESSIBILITY AND RELIABILITY

- Rotary screw compressor
- Dual capacity/dual pressure
- COMPASS Controller
- Electronic engine control
- 0 to 100% capacity control
- Weatherproof instrument panel
- Protective shutdown switches
- Auto-start capability
- E-stop control
- Two-stage air filters with safety elements
- HPL 1500 compressor fluid
- Quick connect fuel couplings
- Containment frame
- Remote bulkhead drain valves
- Engine block heater
- Standard Rig-Safe package

# TECHNICAL SPECIFICATIONS

| Model            | PERFORMANCE                                 |                             | ENGINE                            |           |                          |                        |                    |                                      | WEIGHT & DIMENSIONS        |                   |                  |                  |
|------------------|---|-----------------------------|-----------------------------------|-----------|--------------------------|------------------------|--------------------|--------------------------------------|----------------------------|-------------------|------------------|------------------|
|                  | Actual Delivery<br>m <sup>3</sup> /min(cfm) | Rated Pressure bar<br>(psi) | Make & Model<br>(Emissions Level) | Cylinders | Bore & Stroke<br>mm (in) | Rated Power<br>kW (hp) | Rated Speed<br>rpm | Displacement<br>l (in <sup>3</sup> ) | Working Weight<br>kg (lbs) | Length<br>mm (in) | Width<br>mm (in) | Width<br>mm (in) |
| 1150XHH/1350XDHL | 25.5/32.5<br>(1150/1350)                    | 34.5/24<br>(500/350)        | CAT<br>C-18 (T3)                  | 6         | 145 x 183<br>(5.7 x 7.2) | 476 (630)              | 1800               | 18.1 (1105)                          | 5919 (13,050)              | 4623 (182)        | 2185 (86)        | 2210 (87)        |
| 1350XHH/1525XH   | 36.8/43.2<br>(1350/1525)                    | 34.5/24<br>(500/350)        | CAT<br>C-18 (T3)                  | 6         | 145 x 183<br>(5.7 x 7.2) | 476 (630)              | 1800               | 18.1 (1105)                          | 5919 (13,050)              | 4623 (182)        | 2185 (86)        | 2210 (87)        |

## COMPASS Controller Gauges and LCD Display

- Discharge pressure and temperature
- Ambient air temperature
- Aftercooler air temperature and louver activation if equipped
- Separator restriction
- Hours of operation
- Voltage
- Compressor and engine run status
- Percent engine load
- Engine speed
- Engine coolant temperature and level
- Engine air temperature and oil pressure
- Fuel level, usage rate, pressure and temperature

## COMPASS Controller Indicator Lights

- High compressor temperature
- Compressor shutdown and warning
- Engine shutdown and warning
- Low fuel

## COMPASS Controller Standard Features

- Compressor diagnostic messages and retrievable shutdown history
- Rocker type start switch
- Back lighted switches and gauges
- E-stop, auto and remote start capability
- Engine diagnostic service port

## Package Features

- Tier 3 Caterpillar engine
- Standard or aftercooled discharge air
- Standard onboard fuel tank with option for less fuel system
- Standard engine block heater

## Standard Rig-Safe Design

- Engine air-intake shut-off valve
- Engine exhaust spark arrestor muffler
- Anti-static belts
- Non-metallic fans
- Dielectric grease on electrical connections

## User-Friendly Maintenance and Design

- Unobstructed fill access to compressor lubricant, engine lubricant, and compressor/engine coolant
- Quick change air filters, engine lubricant filter, compressor lubricant filter, and compressor separator filter
- Receiver tank lid support (no crane needed to service elements)
- Low profile compressor package design for easier service and installation
- Onboard fuel tank with exterior fuel connections
- Enhanced cooling system for lower cost coolant maintenance

## 0 to 100% Capacity Control

- Automatic inlet valve and unloaded starting

## Two-Stage Dry-Type Filters

- Filters incorporate safety elements and are positioned to draw cool, ambient air

## Open Frame Design

- Non-slip catwalks for adverse environments
- Heavy-duty frame with mounting feet offers complete fluid containment and remote bulkhead drain valves for all fluids
- Quick connect fuel couplings enable easy fuel fill from remote tank
- Single-point lifting bail
- Robust, stainless steel drain lines and ports

## Sullair HPL 1500 Compressor Fluid

- Improved hot and cold weather lubricant blend
- Longer compressor fluid life
- Extended air end life

## Air End Warranty

- 5-year or 10,000-hour warranty when continuously serviced at recommended intervals with HPL 1500 compressor fluid and Sullair air filters