

T H E S U L L A I R

# 750

**PORTABLE AIR COMPRESSOR**

750 CFM AT 125 PSIG—355 L/S AT 8.5 BAR

ROTARY SCREW COMPRESSOR  
PNEUMATIC INLET VALVE  
0 TO 100% CAPACITY CONTROL  
COMPASS CONTROLLER  
PROTECTIVE SHUTDOWN SWITCHES  
TWO-STAGE AIR FILTERS WITH  
SAFETY ELEMENT  
LOCKABLE SERVICE DOORS  
THREE MOUNTING OPTIONS—  
LESS RUNNING GEAR  
FOUR-WHEEL STEERABLE  
TANDEM AXLE—  
ELECTRIC BRAKES  
MECHANICAL PARKING BRAKE  
E-Z LUBE AXLE  
TAIL LIGHTS  
AWF COMPRESSOR FLUID  
COMPLETE FLUID CONTAINMENT



 **SULLAIR**



### "COMPASS" Controller

The Brains of the system monitors every aspect of the compressor and engine.



### Monitoring and Control System

The user friendly Control Panel (housed in a weathertight enclosure) provides real time system information.



### Rotary Screw Compressor by Sullair

The pioneer in Rotary Screw Technology.



### Sullair AWF Compressor Fluid

Improved hot and cold weather lubrication. Longer compressor fluid life. Extended air-end warranty.

### "COMPASS" Controller

Gauges and a LCD Graphic Display on the "COMPASS" Controller indicate:

- discharge pressure,
- discharge temperature,
- ambient air temperature,
- separator restriction,
- aftercooler air temperature and louver activation if equipped,
- engine speed,
- hours of operation,
- voltage,
- engine coolant temperature,
- engine coolant level,
- fuel level,
- fuel usage rate,
- fuel pressure,
- fuel temperature,
- percent engine load,
- engine air temperature, and
- engine oil pressure.

- compressor and engine status
- Indicator lights for:
  - low fuel,
  - high compressor temperature,
  - compressor shutdown and warning
  - engine shutdown and warning.

An engine diagnostic service port, displayed diagnostic messages and retrievable shutdown history includes all monitored system parameters at time of shutdown,

A rocker-type start switch is also provided, back lit switches and gauges for night use, E-stop, and auto and remote start capability

### 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.

### 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.

### Complete Fluid Containment

Remote bulkhead drain valves for all fluids. Quick connect fuel couplings to easily fuel from a remote fuel tank.

### 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 Compressor Fluid and filters.

### Durable Powder Coat Finish



This product is manufactured to the highest quality standards in an ISO 9001 certified quality system.

## SULLAIR'S OPTIONS ALLOW YOU TO CUSTOMIZE THE COMPRESSOR TO MEET YOUR SPECIFIC REQUIREMENTS WITHOUT PAYING FOR ITEMS YOU DO NOT NEED.

Block heater  
Special color paint

Surge hydraulic brakes  
Parking brake (standard on tandem)

Aftercooler  
Filtration for instrument quality air

### SPECIFICATIONS, WEIGHTS AND DIMENSIONS—SULLAIR 750 PORTABLE COMPRESSOR

| Delivery @ Rated Pressure                      | Rated Pressure<br>psig<br>bar | Pressure Range<br>psig<br>bar | Designated Model        | Weight (wet)<br>lbs<br>kg | Length (drawbar)<br>in<br>mm | Length (canopy)<br>in<br>mm | Width<br>in<br>mm       | Height* (canopy)<br>in<br>mm | Track Width<br>in<br>mm | Tire Size (load range) |
|--|-------------------------------|-------------------------------|-------------------------|---------------------------|------------------------------|-----------------------------|-------------------------|------------------------------|-------------------------|------------------------|
| 750 cfm<br>355 L/S<br>21.2 m <sup>3</sup> /min | 125<br>8.5                    | 80–125<br>5.5–8.5             | Tandem Axle (DTQ)       | 10045<br>4553             | 191<br>4851                  | 131<br>3327                 | 87<br>2210              | 83<br>2108                   | 77<br>1956              | 9.50 x 16.5 LT (E)     |
|  |                               |                               | 4-Wheel Steerable (DWQ) | 10195<br>4621             | 204<br>5182                  | 131<br>3327                 | 87<br>2210              | 89<br>2261                   | 79.5<br>2019            | 8.75 X 16.5 (D)        |
|  |                               |                               | Less Running Gear (DLQ) | 9070<br>4111              | –<br>–                       | 131<br>3327                 | 87<br>2210              | 72<br>1829                   | –<br>–                  | –<br>–                 |
| Engine Make                                    | Engine Type                   | Engine Model                  | Displacement cu in<br>L | Cylinders                 | Bore and Stroke<br>in<br>mm  | Rated Speed<br>rpm          | Rated Power<br>hp<br>kW |                              |                         |                        |
| Caterpillar                                    | Diesel                        | C-9 ATAAC                     | 538<br>8.8              | 6                         | 4.41 X 5.87<br>112 X 149     | 1800                        | 275<br>205              |                              |                         |                        |

\*Add 8 in. (203 mm) for overall clearance height.



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