

T H E S U L L A I R

750H

PORTABLE AIR COMPRESSOR

750 CFM AT 150 PSIG—21.2 M³/MIN AT 10 BAR

ROTARY SCREW COMPRESSOR
PNEUMATIC INLET VALVE
0 TO 100% CAPACITY CONTROL
COMPASS® CONTROLLER
HIGH/LOW PRESSURE SELECTOR VALVE
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
GALVANNEAL SHEET METAL





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, high/low selector switch and a rocker-type start switch are 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 750H PORTABLE COMPRESSOR

Delivery @ Rated Pressure	Rated Pressure psig bar	Pressure Range psig bar	Designated Model	Weight (wet) lbs kg	Length (drawbar) in mm	Length (canopy) in mm	Width in mm	Height* (canopy) in mm	Track Width in mm	Tire Size (load range)
750 acfm 355 L/S 21.2 m³/min	150 10	80–150 5.5–10	Tandem Axle (DTQ)	10045 4553	191 4851	131 3327	87 2210	83 2108	77 1956	9.50 x 16.5 LT (E)
			4-Wheel Steerable (DWQ)	10195 4621	204 5182	131 3327	87 2210	89 2261	79.5 2019	8.75 X 16.5 (D)
			Less Running Gear (DLQ)	9070 4111	— —	131 3327	87 2210	72 1829	— —	— —
Engine Make	Engine Type	Engine Model	Displacement cu in L	Cylinders	Bore and Stroke in mm	Rated Speed rpm	Rated Power hp kW			
Caterpillar	Diesel	C-9 ATAAC	538 8.8	6	4.41 X 5.87 112 X 149	1800	275 205			
Capacity per CAGI/PNEUROP PN2CPTC3. (Annex D to ISO 1217)										

Capacity per CAGI/PNEUROP PN2CPTC3. (Annex D to ISO 1217)

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



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