

T H E S U L L A I R

825

PORTABLE AIR COMPRESSOR

825 CFM AT 125 PSIG—390 L/S AT 8.5 BAR

- ROTARY SCREW COMPRESSOR
- PNEUMATIC INLET VALVE
- 0 TO 100% CAPACITY CONTROL
- IDLE WARM-UP VALVE
- CURBSIDE INSTRUMENT PANEL—
MECHANICAL GAUGES
DIAGNOSTIC SHUTDOWN INDICATORS
CIRCUIT BREAKER
ENGINE MONITOR SYSTEM
- PROTECTIVE SHUTDOWN SWITCHES
- TWO-STAGE AIR FILTERS WITH
SAFETY ELEMENT
- FOUR SERVICE DOORS
- SWING-DOWN COOLER
- THREE MOUNTING OPTIONS—
LESS RUNNING GEAR
FOUR-WHEEL STEERABLE
TANDEM AXLE—
SURGE HYDRAULIC BRAKES
MECHANICAL PARKING BRAKE
E-Z LUBE AXLE
TAIL LIGHTS
- AWF COMPRESSOR FLUID





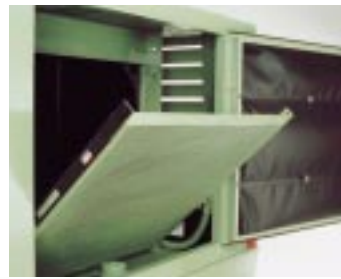
Rotary Screw Compressor

Single-stage, fluid flooded, cast iron housing is dimensionally stable, thick walled and machined to close tolerances.



Curbside Instrument Panel

Equipped with top quality gauges, circuit breaker, idle warm-up valve, diagnostic shutdown indicator system, and engine monitor system.



Swing-Down Cooler

Permits easy cleaning of both compressor cooler and the engine radiator.



Optional Four-Wheel Steerable Mounting

Improves mobility for off-road confined areas.

DESIGNED FOR TOTAL ACCESSIBILITY AND RELIABILITY

Rotary Screw Compressor

Ample Padlockable Service Doors

Large front and side doors provide access to air filters, engine, compressor and tool compartments.

Rear service door provides access to fuel tank, batteries and swing-down 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.

Three Mounting Options

Highway towable tandem axle version includes surge hydraulic 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.

All have tie down locations built into the frame.

0 to 100% Capacity Control

Automatic inlet valve and unloaded starting.

Two-Stage Dry Type Air Filters with Safety Element

Positioned to draw cool outside air.

Curbside Instrument Panel

Hinged, padlockable cover.

Mechanical gauges are used for air pressure, compressor discharge temperature, air filter maintenance indicators, and separator maintenance indicator.

Engine Monitor System will display: engine hours, engine RPM, voltage, coolant temperature, engine oil pressure, percent load, fuel rate and more.

Other instrumentation include, measured shot ether start aid, fuel level gauge, circuit breakers, and engine warning and fault code lights.

Diagnostic Shutdown Indicator System

For compressor: High discharge temperature. For engine: Low fuel level.

For additional diagnostics, by using a Caterpillar service tool that can retrieve recorded engine parameters (power, engine temperature...), the service technician can determine what the engine was doing before, during and after system malfunction.

Protective Shutdown Switches

Low engine oil pressure, high engine water temperature, low water level, high compressor temperature or low fuel level. A protective circuit also prevents starter

engagement when machine is operating.

AWF Compressor Fluid

All-weather, all-climate fluid.

Durable, Baked-On Powder Coat Finish

Air End Warranty

2 year standard warranty.

5 year or 10,000 hour warranty when continuously serviced at the recommended intervals with Sullair AWF Compressor Fluid and filters.

Quiet Operation

Meets US EPA Sound requirements of 76dBA @ 7 meters.



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

Service Valve
Parking brake (standard on tandem)

Aftercooler

SPECIFICATIONS, WEIGHTS AND DIMENSIONS—SULLAIR 825 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)
825 cfm 390 L/S 23.4 m ³ /min	125 8.5	80–125 5.5–8.5	Tandem Axle	10045 4553	191 4851	131 3327	87 2210	83 2108	77 1956	9.50 x 16.5 LT (E)
			4-Wheel Steerable	10195 4621	204 5182	131 3327	87 2210	89 2261	79.5 2019	8.75 X 16.5 (D)
			Less Running Gear	9070 4111	– –	131 3327	87 2210	72 1829	– –	– –
Engine Make	Engine Type	Engine Model	Displacement cu in cc	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			

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



www.sullair.com

SULLAIR CORPORATION, 3700 East Michigan Blvd., Michigan City, IN 46360 Telephone: 1-800-SULLAIR or 1-219-879-5451 Fax: 1-219-874-1504

SULLAIR EUROPE, Zone des Granges, BP 82, 42602 Montbrison, Cedex, France, Telephone: (33) 4.77.96.84.70 Fax: (33) 4.77.96.84.99

SULLAIR ASIA LTD., 74 Joo Koon Circle, Jurong, Singapore 629093, Telephone: (65) 861-1211 Fax: (65) 861-2967 Telex RS25117

SULLAIR ASIA, 1 Sullair Road, Chiwan, Shenzhen, China 518068, Telephone: (86) 755-6853477 or (86) 755-6851686 Fax: (86) 755-6853473

SULLAIR TAIWAN LTD., 3F-1., No.248, Chung Shan Road, Lin-Kou Hsiang, Taipei Hsien, Telephone: (02)2601-3500, Fax: (02)2601-3032

SULLAIR ARGENTINA, Goncalves Dias 1145, 1276 Buenos Aires, Argentina, Telephone: 541-303-0621, Fax: 541-303-0626

SSL-1035C Specifications subject to change without notice. © Copyright 2003 Sullair Corporation. All rights reserved. EA/07/03/5