

THE SULLAIR 825

Portable Air Compressor

825 cfm at 100 psig — 23.4 m³/min at 7 bar



- Rotary screw compressor
- Pneumatic inlet valve
- 0 to 100% capacity control
- COMPASS® Controller
- Protective shutdown switches
- Galvanneal sheet metal

- Two-stage air filters with safety element
- Lockable service doors
- Swing-down cooler
- AWF® Compressor Fluid
- Complete fluid containment
- Tail lights

Three mounting options:

- Less running gear
- Wagon wheel:
 - Mechanical parking brake
- Tandem axle:
 - Electric brakes
 - Mechanical parking
 - E-Z lube axle



SULLAIR®

Always air. Always there.®

SULLAIR 825 TECHNICAL SPECIFICATIONS

COMPRESSOR PACKAGE DIMENSIONS								
Model	Weight (wet)	Length (drawbar)	Length (canopy)	Width	Height (canopy)	Track Width		
	lbs (kg)	in (mm)	in (mm)	in (mm)	in (mm)	in (mm)		
Tandem Axle (DTQ)	10,050 (4559)	189 (4801)	131 (3327)	87 (2210)	88 (2235)	77 (1956)		
Steerable Wagon Wheel (DWQ)	10,200 (4627)	203 (5156)	131 (3327)	90 (2286)	94 (2388)	81 (2052)		
Less Running Gear (DLQ)	9075 (4116)	—	131 (3327)	87 (2210)	77 (1956)	—		
COMPRESSOR PERFORMANCE			DIESEL ENGINE SPECIFICATIONS					
Delivery @ Rated Pressure	Rated Pressure	Pressure Range	Engine Make	Engine Model	Cylinders	Rated Power	Rated Speed	Displacement
	psig (bar)	psi (bar)				hp (kW)	rpm	in ³ (liter)
825 cfm 390 l/s 23.4 m ³ /min	125 (7)	80–125 (5.5–7)	Caterpillar	C-9 ATAAC T3	6	300 (224)	1800	538 (8.8)

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

DESIGNED FOR TOTAL ACCESSIBILITY AND RELIABILITY

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
- Engine oil pressure
- Compressor and engine status
- An engine diagnostic service port, displayed diagnostic messages and retrievable shutdown history includes all monitored system parameters at time of shutdown

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

Indicator Lights

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

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
- Steerable wagon wheel mounting
- Less running gear on mounting rails

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

Low emissions engine technology

- Complies with Tier 3 and Stage 3 emissions legislation

Complete fluid containment

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

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

Quiet operation

- Meets US EPA sound requirements at 76 dBA at 7 meters

Customize the compressor to meet your specific requirements with Sullair options

- Block heater
- Special color paint
- Surge hydraulic brakes
- Aftercooler
- Filtration for instrument quality air