



The Sullair 49HP Portable Air Compressor

185 cfm at 100 psig ■ 5.2 m³/min at 7 bar

- Compact/Lightweight design
- Rotary screw compressor
- Clam shell canopy
- Independent rubber torsion suspension
- Wheel bearing grease fittings
- Curbside instrument panel
- SSAM-Shutdown System & Annunciation Module
- Rocker type start switch
- Idle warm-up valve
- Glow plug starting aid
- Galvanneal sheet metal
- Composite material end caps
- Durable powder coat finish
- Fuel/Water separator
- Rear bumper
- Recessed tail lights
- AWF Compressor Fluid
- Pneumatic inlet valve
- 0 to 100% capacity control
- Adjustable height hitch
- Heated controls
- Color-coated control lines
- Discharge air check valve


SULLAIR®
Always air. Always there.®



Clam Shell Canopy
Compact/Lightweight design.



Curbside Instrument Panel with (SSAM)
Shutdown System & Annunciation Module.



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.

Designed for Total Accessibility and Reliability

Clam Shell Canopy

- Canopy opens fully with gas assist springs
- Serviceable components are within easy reach, routine maintenance is simplified

Corrosion Resistant Enclosure

- Galvanneal sheet metal with composite end caps and fenders
- Stainless steel hinges and latches, plated fittings and hardware
- Aluminum instrument panel door

Highway Towable Running Gear

- Independent rubber torsion suspension
- Axle offers convenient wheel bearing lubrication through zerk fittings

- 3" square drawbar
- Screw jack with pad
- Adjustable height hitch
- Transport security chains
- Recessed tail lights
- Rear bumper

Environmental Features

- Sealed crankcase ventilation system*
- 500 hour engine oil change*
- 1500 hour compressor lube change
- Engine is Interim Tier 4 emissions compliant

Curbside Instrument Panel

- Hinged, padlockable cover
- Mechanical air pressure gauge and hourmeter
- Rocker type engine start switch, with emergency stop

- Idle warm-up valve
- Glow plug starting aid

SSAM—Shutdown System & Annunciation Module

- Shutdown with annunciator light for high compressor temperature, high engine coolant temperature, low engine oil pressure and engine underspeed

Capacity Control System

- Pneumatic inlet valve and unloaded starting
- Color coded control lines
- Heated controls to prevent freezing

Two-Stage dry type air filters

- Separate filters for engine and compressor

Durable, Baked-on Powder Coat Finish

Dual Fuel Filtration System

- Primary fuel / water separator with transparent bowl and water drain
- Final filter with drain

Air End Warranty

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

Quiet Operation

- Meets US EPA sound requirements of 76 dBA @ 7 meters

* CAT only.

Customize the compressor to meet your specific requirements with Sullair's options

Special paint
Hose reels, single and dual
Fuel level gauge
Gauge package

Tachometer
Brakes (recommended where required by law)
Mechanical parking brakes
Block heater

Ball hitch
Air filter safety elements
Air filter maintenance indicators
Low fuel shutdown

SPECIFICATIONS, WEIGHTS AND DIMENSIONS—SULLAIR 49HP PORTABLE COMPRESSOR

Delivery @ Rated Pressure	Rated Pressure psig bar	Pressure Range psig bar	Designated Model	Weight (wet) lbs kg	Weight (dry) lbs kg	Length (drawbar) in mm	Length (canopy) in mm	Width in mm	Height in mm	Track Width in mm	Tire Size (load range)
185 acfm 76 l/s 5.2 m ³ /min	100 7	80–125 5.5–8.5	2-Wheel	2410 1095	2270 1030	135.8 3449	74.5 1892	59.2 1504	53.8 1368	50.9 1294	ST 175/80D 13
			Less Running Gear	2165 982	2025 918	— —	74.5 1892	40.9 1040	41.7 1060	— —	—

Engine Make	Engine Type	Engine Model	Displacement in ³ cc	Cylinders	Bore and Stroke in mm	Rated Speed rpm	Rated Power hp kW
John Deere (Interim Tier 4 emissions compliant)	Diesel	4024TF281	149 2442	4	3.39 x 4.13 86 x 105	2800	49 36.5
Caterpillar (Interim Tier 4 emissions compliant)	Diesel	C2.2	134 2196	4	3.30 x 3.94 84 x 100	2800	49 36.5

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



Sullair
3700 East Michigan Boulevard
Michigan City, IN 46360
Telephone: 219-879-5451
www.sullair.com

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