

T H E S U L L A I R

# 185

**PORTABLE AIR COMPRESSOR**

185 CFM AT 100 PSIG—87 L/S 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-CODED CONTROL LINES
- DISCHARGE AIR CHECK VALVE

 **SULLAIR®**



**Clam Shell Canopy**  
Compact/Lightweight Design.



**Curbside Instrument Panel With (SSAM) Shutdown System & Annunciation Module**



**Rotary Screw Design**  
by Sullair. The pioneer in rotary screw technology.



**Low Emission Engine Technology**  
Designed for compliance with Stage 2 and Tier 2 emission legislation.

**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.

**Durable, Baked-on Powder Coat Finish**

**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.\* 1200 hour compressor lube change.

**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.

**Dual Fuel Filtration System**  
Primary fuel / water separator with transparent bowl and water drain. Final filter with drain.

**AWF Compressor Fluid**  
All-weather, all-climate fluid.

**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 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.**

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  
Retractable pneumatic swivel third wheel  
Air filter safety elements

Air filter maintenance indicators  
Low fuel shutdown



SPECIFICATIONS, WEIGHTS AND DIMENSIONS—SULLAIR 185 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 cfm 87 L/S 5.2 m <sup>3</sup> /min	100 7	80–125 5.5–8.5	2-Wheel	2130 966	1990 903	130.8 3322	69.5 1765	59.2 1504	53.8 1368	50.9 1294	ST 175/80D 13
			Less Running Gear	1885 855	1745 792	– –	69.5 1765	40.9 1040	41.7 1060	– –	– –
Engine Make	Engine Type	Engine Model	Displacement cu in cc	Cylinders	Bore and Stroke in mm	Rated Speed rpm	Rated Power hp kW				
Perkins	Diesel	404C-22T	134 2196	4	3.30 X 3.94 84 X 100	2800	60 44.7				
CAT	Diesel	3024T	134 2196	4	3.30 X 3.94 84 X 100	2800	60 44.7				
John Deere	Diesel	4024T	149 2442	4	3.39 X 4.13 86 X 105	2800	60 44.7				

\* Perkins and CAT only.



www.sullair.com

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