

T H E S U L L A I R
185H

PORTABLE AIR COMPRESSOR

185 CFM AT 150 PSIG—87 L/S AT 10 BAR

- ROTARY SCREW COMPRESSOR
- REMOVABLE MODULAR CANOPY
- ADJUSTABLE HEIGHT HITCH
- WHEEL BEARING GREASE FITTINGS
- LARGE TOOL BOX COMPARTMENT
- CURBSIDE INSTRUMENT PANEL
- SSAM—SHUTDOWN SYSTEM & ANNUNCIATION MODULE
- PROTECTIVE SHUTDOWN SWITCHES
- IDLE WARM-UP VALVE
- ROCKER TYPE START SWITCH
- FUEL/WATER SEPARATOR
- TWO STAGE AIR FILTERS
- 0 TO 100% CAPACITY CONTROL
- PNEUMATIC INLET VALVE
- AWF COMPRESSOR FLUID
- GALVANNEAL SHEET METAL
- DURABLE POWDER COAT FINISH
- WIDE TRACK
- RECESSED TAIL LIGHTS
- REAR BUMPER





Rotary Screw Design
by Sullair, the pioneer in rotary screw technology.



Wheel bearing Grease Fittings
Offers convenient wheel bearing lubrication thru zerk fittings.



Sullair AWF Compressor Fluid
Improved hot and cold weather lubrication. Longer compressor fluid life. Extended air-end warranty.



Curbside Instrument Panel
Featuring SSAM, Shutdown System & Annunciation Module.

DESIGNED FOR TOTAL ACCESSIBILITY AND RELIABILITY

Rotary Screw Compressor

Ample Service Doors

Large service doors provide access to fuel tank, engine, compressor and tool compartment. Service doors feature non-rusting hinges, with built-in weather strip and stainless steel T-type door retainers. Rear service panel provides access to side by side compressor fluid cooler and engine radiator. Serviceable components within easy reach. Routine maintenance is simplified. Reduced downtime and service cost.

Modular Canopy and Frame

Canopy easily removed in one piece for major service. Modular design reduces replacement costs.

Exposed, single point lifting bail.

0 to 100% Capacity Control

Pneumatic inlet valve and unloaded starting.

Highway Towable Running Gear

3" square drawbar. Adjustable height hitch (14", 16", 18"). Quick-change hitch. Screw jack with pad. Transport security chains. Heavy duty leaf spring suspension. Wide track stability.

Curbside Instrument Panel

Hinged, padlockable cover. Mechanical air pressure gauge and hourmeter. Rocker type engine start switch. Idle warm-up switch.

High/Low Pressure Selector Switch

Allows dual pressure capability without making mechanical adjustments.

SSAM—Shutdown System & Annunciation Module

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

Durable, Baked-on Powder Coat Finish

Two-Stage Dry Type Air Filters
Separate filters for engine and compressor.

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

Tier 2 Emission Compliant Engines

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.

Special paint
Hose reels, single and dual
Spark arrestor
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 maintenance indicators
Air filter safety elements
Low fuel shutdown



SPECIFICATIONS, WEIGHTS AND DIMENSIONS—SULLAIR 185H 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 ³ /min	150 10	80–150 5.5–10	2-Wheel	2720 1233	2475 1122	143.3 3640	85.1 2162	65.4 1661	59.9 1522	55 1397	F 78 x 15 (C)
			Less Running Gear	2465 1118	2220 1006	– –	85.1 2162	47.5 1207	49.0 1245	– –	– –
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	3044CT	201 3272	4	3.70 X 4.72 94 X 120	2600	80 60				
John Deere	Diesel	5030T	186 3028	5	3.39 X 4.13 86 X 105	2600	82 61				

* Weights are for John Deere diesel. For Caterpillar, deduct 80 lbs (37 kg).



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