

T H E S U L L A I R
375H

PORTABLE AIR COMPRESSOR
375 CFM AT 150 PSIG—10.6 M³/MIN AT 10 BAR



- ROTARY SCREW COMPRESSOR
- REMOVABLE MODULAR CANOPY
- ADJUSTABLE HEIGHT HITCH
- E-Z LUBE AXLE
- LARGE TOOL BOX COMPARTMENT
- CURBSIDE INSTRUMENT PANEL
- SSAM-SHUTDOWN SYSTEM AND ANNUNCIATION MODULE
- BATTERY DISCONNECT SWITCH
- IDLE WARM-UP SWITCH
- ROCKER TYPE START SWITCH
- EMERGENCY STOP
- PROTECTIVE SHUTDOWN SWITCHES
- FUEL/WATER SEPARATOR
- THREE STAGE AIR FILTERS
- 0 TO 100% CAPACITY CONTROL
- PNEUMATIC INLET VALVE
- AWF COMPRESSOR FLUID
- DURABLE POWDER COAT FINISH
- WIDE TRACK
- GALVANNEAL SHEET METAL
- RECESSED TAIL LIGHTS
- REAR BUMPER





Total Accessibility
Routine maintenance is simplified.



Large Tool Box Compartment
Sullair pneumatic tool sold separately.



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

Rotary Screw Compressor

Ample Service Doors

Large service doors provide access to fuel tank, engine, compressor, air filters and tool compartment.

Rear service panel provide access to side-by-side compressor fluid cooler, engine air cooler and engine radiator.

Serviceable components within easy reach. Routine maintenance is simplified.

Reduced downtime and service cost. Service doors feature non-rusting hinges and stainless steel T-type door retainers.

Multi-Piece Canopy

Modular design reduces replacement costs. Easily removed as one assembly for major service.

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 (15", 17", 19").
Quick-change hitch.
Screw jack with pad.
Transport security chains.
E-Z lube axle lubrication.
Heavy duty leaf spring suspension.

Curbside Instrument Panel

Hinged, padlockable cover.
Mechanical air pressure gauge,
Powerview (John Deere) and
Hourmeter (Caterpillar)

Rocker type engine start switch.

Idle warm-up valve.

High/low pressure selector valve 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, engine underspeed and low fuel shutdown.

Three-Stage Dry Type Air Filters

Separate filters for engine and compressor.

Durable, Baked-On Powder Coat Finish

AWF Compressor Fluid

All-weather, all-climate fluid.

Tier 3 Emission Compliant Engine

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 76 dBA @ 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.

Filtration for instrument quality air.

Aftercooler.

Special paint.

Hose reels, single and dual.

Spark arrestor.

Cold weather starting aid.

Fuel level gauge.

Brakes (Recommended where required by law.)

Mechanical parking brakes.

Ball hitch.

Retractable pneumatic swivel third wheel.

Air filter maintenance indicators.

Gauge package (Caterpillar).

Tachometer (Caterpillar).

Block heater.

Ether starting aid (John deere).



SPECIFICATIONS, WEIGHTS AND DIMENSIONS—SULLAIR 375H 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)
375 acfm 177 L/S 10.6 m ³ /min	150 10	80–150 5.5–10	2-Wheel	4440 2014	4050 1787	156.1 3966	98.8 2510	77.2 1960	74 1880	67.5 1715	H78 X 15 ST (D)
			Less Running Gear	4195 1903	3805 1726	— —	98.8 2510	59.3 1506	63.6 1616	— —	— —
Engine Make	Engine Type	Engine Model	Displacement cu in cc	Cylinders	Bore and Stroke in mm	Rated Speed rpm	Rated Power hp kW				
John Deere (Tier 3 Emission Compliant)	Diesel	4045HF285	275 4507	4	4.19 X 5.00 106 X 127	2200	140 104				
Caterpillar (Tier 3 Emission Compliant)	Diesel	C4.4	269 4400	4	4.13 X 5.00 105 X 127	2200	130 97				

Capacity per CAGI/PNEUROP PN2CPT3. (Annex D to ISO 1217)

Also available with CAT 3054C Tier 2 engine for export only. Specifications may vary.

*Weights are for John Deere diesel. For Caterpillar, deduct 20 lbs.



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