

**T H E S U L L A I R  
P O R T A B L E A I R C O M P R E S S O R**

**900XHH/1150XH**

900 CFM AT 500 PSIG/1150 CFM AT 350 PSIG  
425 L/S AT 34.5 BAR/543 L/S AT 24 BAR

ROTARY SCREW COMPRESSOR  
0 TO 100% CAPACITY CONTROL  
ELECTRONIC ENGINE CONTROL  
IDLE WARM-UP VALVE  
CURBSIDE INSTRUMENT PANEL—  
MECHANICAL GAUGES  
DIAGNOSTIC SHUTDOWN INDICATORS  
CIRCUIT BREAKER  
ENGINE MONITOR SYSTEM  
HIGH/LOW PRESSURE SELECTOR VALVE  
PROTECTIVE SHUTDOWN SWITCHES  
TWO-STAGE AIR FILTERS WITH  
SAFETY ELEMENT  
AMPLE SERVICE DOORS  
SWING-DOWN COOLER  
THREE MOUNTING OPTIONS—  
LESS RUNNING GEAR  
FOUR-WHEEL STEERABLE  
TRI-AXLE—  
SURGE HYDRAULIC BRAKES  
MECHANICAL PARKING BRAKE  
E-Z LUBE AXLE  
AWF COMPRESSOR FLUID





**Two-Stage Air Filter with Safety Element**  
Provides maximum protection for engine and compressor, thereby lengthening equipment life.



**Curbside Instrument Panel**  
Equipped with top quality gauges, circuit breaker, idle warm-up valve, diagnostic shutdown indicator system, and engine monitor system.



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



**Optional Four-Wheel Steerable Mounting**  
Improves mobility for off-road confined areas.

## DESIGNED FOR TOTAL ACCESSIBILITY AND RELIABILITY

### Dual Performance

The compressor incorporates well proven spiral valve technology into the first stage of the air-end to achieve dual volume and pressure performance.

### Rotary Screw Compressor

#### Ample Padlockable Service Doors

Large front and side doors provide access to air filters, engine, compressor and tool compartments.

Rear side service doors provide access to fuel tank, batteries and swing-down compressor fluid cooler.

Serviceable components within easy reach.

Routine maintenance is simplified.

Reduced downtime and service cost.

Service doors feature stainless hinges and steel T-type door retainers.

### Three Mounting Options

Highway towable tri-axle version includes surge hydraulic brakes, mechanical parking brake, restraining tow chains and E-Z lube axle system.

Four-wheel steerable mounting and less running gear on mounting rails are also available. All have tie down locations built into frame.

### 0 to 100% Capacity Control

Automatic inlet valve and unloaded starting.

### Electronic Engine Control

Electronic controls include a diagnostic capability and an onboard computer that can record historical events when engine is running.

Small readout screen on the instrument panel where the diagnostic information can be obtained.

### Two-Stage Dry Type Air Filters with Safety Element

Positioned to draw cool outside air.

### Curbside Instrument Panel

Hinged, padlockable cover.

Mechanical gauges are used for air pressure, compressor discharge temperature, air filter maintenance indicators, and separator maintenance indicator.

Engine Messenger System will display: engine

hours, engine RPM, voltage, coolant temperature, engine oil pressure, percent load, fuel rate and more.

Other instrumentation include, measured shot ether start aid, fuel level gauge, circuit breakers, and engine warning and fault code lights.

High/Low pressure selector valve allows dual pressure capability without making mechanical adjustment.

### Diagnostic Shutdown Indicator System

For compressor: High discharge temperature.

For engine: Low fuel level.

For additional diagnostics, by using a Caterpillar service tool that can retrieve recorded engine parameters (power, engine temperature...), the service technician can determine what the engine was doing before, during and after system malfunction.

### Protective Shutdown Switches

Low engine oil pressure, high engine water temperature, low water level, high compressor temperature or low fuel level.

A protective circuit also prevents starter engagement when machine is operating.

### AWF Compressor Fluid

All-weather, all-climate fluid.

### Low Emission Engine Technology

Complies with tier 3 and stage 3 emission legislation.

### 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.

### Options

Many options are available.



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.

Block heater

Special color paint

Service Valve

Aftercooler and Water Trap

### SPECIFICATIONS, WEIGHTS AND DIMENSIONS — SULLAIR 900XH/1150XH PORTABLE COMPRESSOR

Delivery @ Rated Pressure	Rated Pressure psig bar	Designated Model	Weight (wet) lbs kg	Length (drawbar) in mm	Length (canopy) in mm	Width in mm	Height in mm	Track Width in mm	Tire Size (load range)
900/1150 cfm 425/543 L/S	500/350 34.5/24	Tri-Axle Mount (DTQ)	16040 7276	240 6096	179 4547	88 2235	92 2337	77 1956	9.50 x 16.5 LT (E)
		4-Wheel Mount (DWQ)	15710 7126	244 6198	179 4547	88 2235	99 2515	78 1981	8.25 X 15 TR (F)
		Less Running Gear (DLQ)	14940 6777	— —	179 4547	88 2235	83 2108	— —	— —
Engine Make	Engine Type	Engine Model	Displacement cu in cc	Cylinders	Cycles	Bore and Stroke in mm	Rated Speed rpm	Rated Power hp kW	
Caterpillar	Diesel	C-15 ATAAC	928 15.2	6	4	5.40 X 6.7 137 X 171	1800	540 403	



www.sullair.com

SULLAIR CORPORATION, 3700 East Michigan Blvd., Michigan City, IN 46360 Telephone: 1-800-SULLAIR or 1-219-879-5451 Fax: 1-219-874-1504

SULLAIR EUROPE, Zone des Granges, BP 82, 42602 Montbrison, Cedex, France, Telephone: (33) 4.77.96.84.70 Fax: (33) 4.77.96.84.99

SULLAIR ASIA LTD., 74 Joo Koon Circle, Jurong, Singapore 629093, Telephone: (65) 861-1211 Fax: (65) 861-2967 Telex RS25117

SULLAIR ASIA, 1 Sullair Road, Chiwan, Shenzhen, China 518068, Telephone: (86) 755-6853477 or (86) 755-6851686 Fax: (86) 755-6853473

SULLAIR TAIWAN LTD., 3F-1., No.248, Chung Shan Road, Lin-Kou Hsiang, Taipei Hsien, Telephone: (02)2601-3500, Fax: (02)2601-3032

SULLAIR ARGENTINA, Goncalves Dias 1145, 1276 Buenos Aires, Argentina, Telephone: 54-11-5941-4444, Fax: 54-11-5941-4549

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