

T H E S U L L A I R

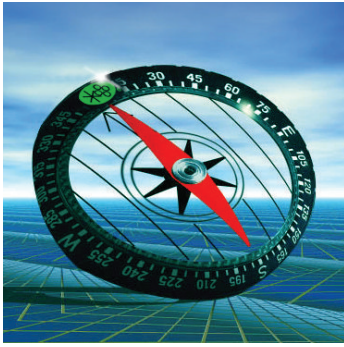
1050

PORTABLE AIR COMPRESSOR

1050 CFM AT 100 PSIG—500 L/S AT 7 BAR

- ROTARY SCREW COMPRESSOR
- PNEUMATIC INLET VALVE
- 0 TO 100% CAPACITY CONTROL
- COMPASS® CONTROLLER
- PROTECTIVE SHUTDOWN SWITCHES
- TWO-STAGE AIR FILTERS WITH SAFETY ELEMENT
- LOCKABLE SERVICE DOORS
- SWING-DOWN COOLER
- THREE MOUNTING OPTIONS—
 - LESS RUNNING GEAR
 - FOUR-WHEEL STEERABLE
 - TANDEM AXLE—
 - ELECTRIC BRAKES
 - MECHANICAL PARKING BRAKE
 - E-Z LUBE AXLE
 - TAIL LIGHTS
- AWF COMPRESSOR FLUID
- COMPLETE FLUID CONTAINMENT





COMPASS® Controller

The Brains of the system monitors every aspect of the compressor and engine.



Monitoring and Control System

The user friendly Control Panel (housed in a weathertight enclosure) provides real time system information.



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.

COMPASS® Controller

Gauges and a LCD Graphic Display on the COMPASS® Controller indicate:

- discharge pressure,
- discharge temperature,
- ambient air temperature,
- separator restriction,
- aftercooler air temperature and louver activation if equipped,
- engine speed,
- hours of operation,
- voltage,
- engine coolant temperature,
- engine coolant level,
- fuel level,
- fuel usage rate,
- fuel pressure,
- fuel temperature,
- percent engine load,
- engine air temperature, and
- engine oil pressure.

- compressor and engine status
- Indicator lights for:
 - low fuel,
 - high compressor temperature,
 - compressor shutdown and warning
 - engine shutdown and warning.

An engine diagnostic service port, displayed diagnostic messages and retrievable shutdown history includes all monitored system parameters at time of shutdown,

Rocker-type start switch is also provided, back lit switches and gauges for night use, E-stop, and auto and remote start capability

Three Mounting Options

Highway towable tandem axle version includes electric brakes, mechanical parking brake, restraining tow chains, E-Z

lube axle system and tail lights. Four-wheel steerable mounting and less running gear on mounting rails are also available.

0 to 100% Capacity Control

Automatic inlet valve and unloaded starting.

Two-Stage Dry-Type Filters

Filters incorporate safety elements and are positioned to draw cool ambient air.

Complete Fluid Containment

Remote bulkhead drain valves for all fluids. Quick connect fuel couplings to easily fuel from a remote fuel tank.

Low Emission Engine Technology

Complies with Tier 3 and Stage 3 emission legislation.

Air End Warranty

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

Durable Powder Coat Finish

Quiet Operation

Meets US EPA Sound requirements at 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.

Block heater
Special color paint

Surge hydraulic brakes
Parking brake (standard on tandem)

Aftercooler
Filtration for instrument quality air

SPECIFICATIONS, WEIGHTS AND DIMENSIONS—SULLAIR 1050 PORTABLE COMPRESSOR

| Delivery @ Rated Pressure | Rated Pressure psig bar | Pressure Range psig bar | Designated Model | Weight (wet) lbs kg | Length (drawbar) in mm | Length (canopy) in mm | Width in mm | Height* (canopy) in mm | Track Width in mm | Tire Size (load range) |
|---|----------------------------|----------------------------|-------------------------|------------------------|---------------------------|--------------------------|----------------------|---------------------------|----------------------|------------------------|
| 1050 cfm 500 L/S 29.7 m ³ /min | 100 7 | 80-125 5.5-8.5 | Tandem Axle | 10045 4553 | 191 4851 | 131 3327 | 87 2210 | 83 2108 | 77 1956 | 9.50 x 16.5 LT (E) |
| | | | 4-Wheel Steerable | 10195 4621 | 204 5182 | 131 3327 | 87 2210 | 89 2261 | 79.5 2019 | 8.75 X 16.5 (D) |
| | | | Less Running Gear | 9070 4111 | — — | 131 3327 | 87 2210 | 72 1829 | — — | — — |
| Engine Make | Engine Type | Engine Model | Displacement cu in L | Cylinders | Bore and Stroke in mm | Rated Speed rpm | Rated Power hp kW | | | |
| Caterpillar | Diesel | C-9 ATAAC | 538 8.8 | 6 | 4.41 X 5.87 112 X 149 | 1800 | 300 224 | | | |

Capacity per CAGI/PNEUROP PN2CPTC3.

*Add 8 in. (203 mm) for overall clearance height.



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 S.A., 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) 6861-1211 Fax: (65) 6861-2967 Telex RS25117

SHENZHEN SULLAIR ASIA INTERNATIONAL CO., LTD., Zuo Pao Tai Road, Chiwan, Shekou, Shenzhen 518068, China, Telephone: (86) 755-26851686 Fax: (86) 755-6853473

SULLAIR TAIWAN LTD., 3F-1, No.248, Chung Shan Road, Lin-Kou Hsiang, Taipei Hsien, Taiwan, Telephone: 886-2-2601-3500, Fax: 886-2-2601-3032

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

SULLAIR AUSTRALIA, 324-332 Frankston-Dandenong Rd, Dandenong South, Victoria 3175, Australia, Telephone: 3.9703.9014, Fax: 3.9703.9053

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