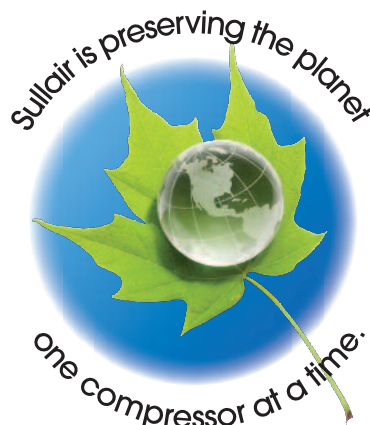


AUTEK MAQUINARIA 5392 7077

# The Sullair 900 iT4 CAT Family of Portable Air Compressors

600 - 1050 cfm • 17 - 29.7 m<sup>3</sup>/min

Models: 600H | 700HH | 750 | 750H | 750HH | 825 | 900 | 900H | 1050



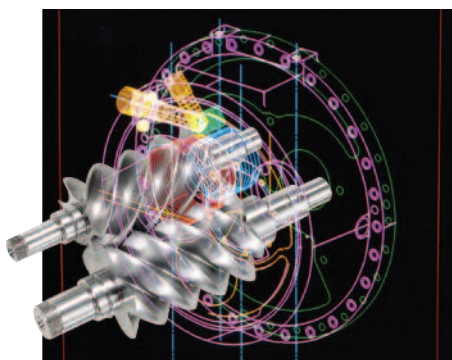
  
**SULLAIR®**  
*Always air. Always there.™*

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# Sullair: A Company Profile

## Sullair Technology

Since 1965, Sullair has set today's standards for dependable portable rotary screw air compressors and pneumatic tools. In addition to the nine iT4 models featured here, Sullair offers more than 90 other portable compressor models, the broadest range of air compressors in the world today. Sullair serves the construction industry from its corporate headquarters and manufacturing



complex in Michigan City, Indiana, USA, and its offices and manufacturing facilities in China and Australia. Manufacturing facilities, which are rated among the finest in the industry, utilize ISO 9001 certified quality systems.

The company's wide range of construction products is recognized around the world for their universally applicable design, outstanding craftsmanship and superior quality. Products include portable air compressors, ranging from 125 to 1600 cfm with pressures from 100 psig to 500 psig. These compressors are offered in a wide variety of mounting options, such as two-wheel, tandem and tri-axle versions.

Four-wheel steerable models and units without running gear are also available.



## Sullair on the Job

Sullair equipment can be found at construction sites around the world, in mines and quarries, on bridges and roads, wherever quality and performance are called for. Sullair serves the construction and mining



industries through a network of authorized distributors. All Sullair distributors have been trained in sales applications, service, parts, and customer support.



## Sullair's Commitment to Innovation

At Sullair, innovation is the basis for leadership. By continually exploring

new ideas and technologies to find better, more energy-efficient compressed air solutions, Sullair underscores its commitment to meeting the needs of its customers and confirms its position as a worldwide leader in rotary screw technology.



## Sullair's iT4 Portable Compressors

In response to the new regulations, Sullair has completed its redesign of the 900 family of interim Tier 4 CAT compliant portable compressors. These new models feature several enhancements to meet all iT4 requirements, as well as other design improvements. What does this mean for all of us? It means that the iT4 units significantly reduce the amount of pollutants released into the air. It fits well with Sullair's commitment to a sustainable future that includes helping to protect our environment.



# 900 iT4 Family Features

## Gauges and a LCD graphic display on the controller indicate:

- Discharge pressure and temperature
- Ambient air temperature
- Separator restriction
- Aftercooler air temperature
- Engine speed
- Hours of operation
- Voltage
- Engine coolant temperature and level
- Fuel level and usage rate
- Fuel pressure and temperature
- Percent engine load
- Engine air temperature
- Engine oil pressure
- Compressor and engine status

## Additional Controller Features

- Engine diagnostic service port
- Diagnostic messages displayed on LCD screen
- Retrievable shutdown history includes all monitored system parameters at time of shutdown
- Back lit switches and gauges for night use
- E-stop, and auto and remote start capability
- Indicator Lights for:
  - Low fuel
  - High compressor temperature
  - Compressor shutdown and warning
  - Engine shutdown and warning

## Two Mounting Options

- Heavy duty highway towable tandem axle version includes electric brakes, mechanical parking brake, safety chains and tail lights
- Less running gear on oil field skid
- Modular running gear – trailer can be easily unbolted and compressor can be placed on flatbed trailer with other equipment

## Cooling System

- Hydraulic cooling control – significant fuel savings in cool ambient conditions. No fan load on engine at start-up for cold weather and/or high altitude operation
- No stacked coolers – allows for easy cleaning
- Cold box design
- Fuel cooler standard

## 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

## Lowest Emissions Engine Technology Available

- Complies with Interim Tier 4 and Stage 3B emissions legislation

## Complete Fluid Containment

- Remote bulkhead drain valves for all fluids
- Quick connect fuel couplings to easily fuel from a remote fuel tank
- Drains at each corner of frame for washout

## Additional Features

- Integral fork pockets
- Four point lifting system
- Controls at cool end of package
- Additional 3/4" discharge valves
- Strobe light and siren – provides visual and audible alerts for warning conditions
- Integral ether starting aid
- Durable powder coat finish

## Quiet Operation

- Only 72 dBA @ 7 meters

## Air End Warranty

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

## Customize the compressor to meet your specific requirements with Sullair's options:

- Engine block heater
- Spark arrestor muffler
- Aftercooler
- Filtration for instrument quality air



### Instrument Panel Display

Monitor gauges and LCD display.



### Remote Fuel Panel

External fuel fill with remote fuel connections.



### Total Accessibility

Routine maintenance is simplified.

# Specifications

## PERFORMANCE

Model	Delivery @ Rated Pressure			Rated Pressure		Pressure Range	
	acfm	l/s	m <sup>3</sup> /min	psig	bar	psig	bar
<b>600H</b>	600	283	17.0	150	10	85-150	5.8-10
<b>700HH</b>	700	330	19.8	200	14	85-200	5.8-14
<b>750</b>	750	353	21.2	125	8.5	85-125	5.8-8.5
<b>750H</b>	750	353	21.2	150	10	85-150	5.8-10.0
<b>750HH</b>	750	353	21.2	175	12	85-175	5.8-12
<b>825</b>	825	390	23.4	125	8.5	85-125	5.8-8.5
<b>900</b>	900	425	25.5	100	7	85-100	5.8-7
<b>900H</b>	900	425	25.5	150	10	85-150	5.8-10
<b>1050</b>	1050	496	29.7	100	7	85-100	5.8-7

Capacity per CAGI/PNEUROP PN2CPTC3. (Annex D to ISO 1217)

## ENGINE SPECIFICATIONS: All Models

Engine Make	Emissions Tier Level	Engine Type	Engine Model	Displacement		Cylinders	Bore and Stroke		Rated Speed	Rated Power	
				in <sup>3</sup>	l		in	mm		hp	kW
Caterpillar	iT4 Emission Compliant	Diesel	C9.3	568	9.3	6	4.53 / 5.87	74194 / 96128	1800	300	224

## WEIGHTS AND DIMENSIONS: All Models

Designated Model	Weight (wet)		Weight (dry)		Length		Width		Height		Track Width		Tire Size (load range)
	lbs	kg	lbs	kg	in	mm	in	mm	in	mm	in	mm	
Tandem Axle (DTQ)	16810	7625	14990	6799	241	6121	102	2591	103	2616	101	2565	215/75R1725(H)
Less Running Gear (DLQ)	15230	6908	13410	6083	189	4801	88	2235	70	1778	—	—	—

Fundamental to Sullair's leadership is a dedication to reduce not only the amount of natural resources consumed to create energy, but to minimize environmental impact, in both the manufacture and use of all our products. We are constantly exploring new ideas and seeking new technologies to meet the ever-increasing need for high quality, energy-efficient compressed air products and environmental sustainability.



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