



# SULLAIR 185 SERIES

Portable Lubricated Rotary Screw Air Compressors

*Tier 4 Final Emissions Compliant*

185 cfm at 100 psig ■ 5.2 m<sup>3</sup>/min at 7 bar



# ABOUT SULLAIR

For more than 50 years, Sullair has been on the leading edge of compressed air solutions. We were one of the first to execute rotary screw technology in our air compressors, and our machines are famous all over the world for their legendary durability. As the industry moves forward, Sullair will always be at the forefront with quality people, innovative solutions, and air compressors that are built to last.

*Sullair was founded in Michigan City, Indiana in 1965, and has since expanded with a broad international network to serve customers in every corner of the globe. Sullair has offices in Chicago and manufacturing facilities in the United States and China — all ISO 9001 certified to ensure the highest quality standards in manufacturing. In addition, Sullair Suzhou and Shenzhen facilities are ISO 14001 and OHSAS 18001 certified.*

***Sullair is A Hitachi Group Company***

## RELIABILITY. DURABILITY. PERFORMANCE.

*These are the pillars that drive the quality of Sullair compressors. It's a promise we keep with every machine we make.*

## RELIABILITY

Customers who work with Sullair have found that the intangibles make all the difference — things like trust, confidence, and peace of mind. They go to work every day having full faith in their equipment, as well as the knowledge that dedicated distributors and Sullair personnel have their back every step of the way.

## DURABILITY

Bulletproof. Built to last. However you spin it, Sullair compressors are in it for the long haul, driven by the design of the legendary air end. At jobsites all over the world — from construction to mining and more — you'll find Sullair compressors that have stood the test of time, running consistently today like they did on day one.

## PERFORMANCE

Sullair is constantly innovating to improve performance. For our portable compressors, this means machines engineered with features designed to help maximize your business potential including:

- Compact designs for easier storage and maneuverability
- Increased energy efficiency to maximize run time
- And our largest compressors include easy access connections to external fuel sources making long-term operation possible

# THE NEXT GENERATION OF PORTABLE PERFORMANCE

## SULLAIR 185 SERIES TIER 4 FINAL EMISSIONS COMPLIANT

*The workhorse of our elite mobile fleet, the Sullair 185 Series is fully optimized and ready to hit the road. The modern design is light and compact for easy maneuverability and features multiple engine options to meet your needs.*

### Improved Sullair 14-series air end, continuing the tradition of reliable durability

- Integrated leak-free design
- Direct drive

### Multiple engine options available

- Caterpillar, Kubota or Perkins
  - Turbo-charged to handle high altitudes
  - Tier 4 Final Emissions Compliant

### Improved fuel efficiency with a 27-gallon fuel tank — up to 10 hours run time

### Compact design for improved maneuverability

### Easy service and maintenance

- Improved access to engine, air filter and oil dipstick
- Consolidated fuse/relay box in one location

### AWF® all-weather lubricant — Sullair 185 standard fill — to help keep your compressor running in extreme conditions

### Enclosed large tool box to carry your Sullair air tools



# TECHNICAL SPECIFICATIONS

FOR MORE INFORMATION, CONTACT YOUR LOCAL AUTHORIZED SULLAIR DISTRIBUTOR.

| PERFORMANCE                                    | 185 CAT          | 185 KUBOTA    | 185 PERKINS       |
|------------------------------------------------|------------------|---------------|-------------------|
| Actual Delivery <i>cfm (m³/min)</i>            | 185 (5.2)        |               |                   |
| Rated Pressure <i>psig (bar)</i>               | 100 (7)          |               |                   |
| Pressure Range <i>min/max psig (bar)</i>       | 80/125 (5.5/8.6) |               |                   |
| Fuel Consumption at Full Load <i>gph (l/h)</i> | 2.9 (10.9)       | 2.7 (10.2)    | 2.9 (10.9)        |
| Maximum Operating Altitude <i>ft (m)</i>       | 9840 (3000)      | 9000 (2743)   | 9840 (3000)       |
| ENGINE                                         |                  |               |                   |
| Make & Model <i>(Emissions Level)</i>          | CAT C2.2 (T4F)   | KUB1803 (T4F) | Perkins 404F-E22T |
| Operating Speed <i>rpm</i>                     | 2720             |               |                   |
| Available Power <i>bhp (kw)</i>                | 49 (36.5)        |               |                   |
| Displacement <i>in³ (l)</i>                    | 135 (2.13)       | 111 (1.82)    | 135 (2.13)        |
| Cooling System Capacity <i>gal (l)</i>         | 2.6 (9.8)        | 2.75 (10.4)   | 2.6 (9.8)         |
| Engine Oil Capacity <i>qts (l)</i>             | 7.6 (7.1)        | 7.3 (6.9)     | 7.6 (7.1)         |
| Fuel Tank Capacity <i>gal (l)</i>              | 27 (102)         |               |                   |
| Electrical System Voltage                      | 12               |               |                   |
| Battery Rating CCA                             | 1000             |               |                   |
| COMPRESSOR                                     |                  |               |                   |
| Service Valves No/Size <i>in (mm)</i>          | 2¾ (19)          |               |                   |
| Compressor Oil Capacity <i>gal (l)</i>         | 2.1 (7.9)        |               |                   |
| DPQ PACKAGE — INCLUDES RUNNING GEAR            |                  |               |                   |
| Working Weight <i>lbs (kg)</i>                 | 2275 (1032)      | 2175 (987)    | 2275 (1032)       |
| Dry Weight <i>lbs (kg)</i>                     | 2060 (934)       | 1960 (889)    | 2060 (934)        |
| Length <i>in (mm)</i>                          | 131 (3327)       |               |                   |
| Width <i>in (mm)</i>                           | 59 (1499)        |               |                   |
| Height <i>in (mm)</i>                          | 58 (1473)        |               |                   |
| Track Width <i>in (mm)</i>                     | 51 (1295)        |               |                   |
| Max Towing Speed <i>mph (kph)</i>              | 55 (89)          |               |                   |
| Axle Rating <i>lbs (kg)</i>                    | 3700 (1678)      |               |                   |
| Tire Size                                      | ST175/80D13      |               |                   |
| DLQ PACKAGE — LESS RUNNING GEAR                |                  |               |                   |
| Working Weight <i>lbs (kg)</i>                 | 2050 (930)       | 1950 (845)    | 2050 (930)        |
| Dry Weight <i>lbs (kg)</i>                     | 1835 (833)       | 1740 (789)    | 1835 (833)        |
| Length <i>in (mm)</i>                          | 79 (2007)        |               |                   |
| Width <i>in (mm)</i>                           | 41 (1041)        |               |                   |
| Height <i>in (mm)</i>                          | 48 (1219)        |               |                   |