



# SULLAIR 185

Portable Lubricated Rotary Screw Air Compressors

*185 Kubota & 185 Caterpillar — Tier 3*

*5.2 m<sup>3</sup>/min at 7 bar • 185 cfm at 100 psi*



# 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, the Sullair Suzhou facility is 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 larger compressors include easy access connections to external fuel sources making long-term operation possible

# THE WORKHORSE OF OUR ELITE MOBILE FLEET

## SULLAIR 185

The Sullair 185 is fully optimized  
and ready to hit the road.



Sullair 185 with Kubota T3 Engine

### Engine Options Available

- Kubota V2403 naturally aspirated (Tier 3 emissions compliant)
- Caterpillar C2.2 (Tier 3 emissions compliant)

### Clam Shell Canopy

- Canopy opens fully with gas assist springs
- Serviceable components within easy reach for simplified maintenance

### Corrosion Resistant Enclosure

- Galvanneal sheet metal with composite end caps and fenders
- Stainless steel hinges and latches, plated fittings and hardware
- Durable, baked-on powder coat finish

### Highway Towable Running Gear

- Independent torsion suspension
- Axle offers convenient wheel bearing lubrication through zerk fittings
- 3" square drawbar
- Adjustable height hitch
- Screw jack with pad
- Transport security chains

### Rear Instrument Panel

- Easy-access emergency stop
- Glow plug starting aid
- Curbside instrument panel with front discharge optional

### Capacity Control System

- Pneumatic inlet valve and unloaded starting
- Color coded control lines

### Sullair Digital Controller with Backlit LCD Display

- Automatic start-up with auto warm-up time before loading and auto cool-down time before unloading
- Easy-to-read display of important compressor parameters including:
  - Discharge pressure
  - Discharge temperature
  - Machine runtime
  - Battery voltage
  - Service intervals
  - Engine and compressor oil refill intervals
- Fuel level indicator with low fuel shut down optional

### External Spin on Separation System

- Easy-to-replace air-oil separator element for quick and easy service

### Two-Stage Dry Type Air Filters

- Separate filters for engine and compressor
- Safety element

### Dual Fuel Filtration System

- Primary fuel/water separator with transparent bowl and water drain
- Secondary fuel filter with drain

### AWF® Compressor Fluid

- All-weather, all-climate fluid

### Warranty

- 1-year standard warranty
- 2-year standard air end warranty
- 5-year or 10,000-hour air end warranty when continuously serviced at the recommended intervals with Sullair AWF® compressor fluid and filters
- Diesel engine warranty applies — contact Sullair for more information

# TECHNICAL SPECIFICATIONS

FOR MORE INFORMATION, CONTACT YOUR  
LOCAL AUTHORIZED SULLAIR DISTRIBUTOR.

| MODEL  | 185 KUBOTA T3       | 185 CAT T3          |
|--|---------------------|---------------------|
| <b>PERFORMANCE</b>   |                     |                     |
| Actual Delivery <i>m<sup>3</sup>/min (cfm)</i>             | 5.2 (185)           | 5.2 (185)           |
| Rated Pressure <i>bar (psi)</i>                            | 7 (100)             | 7 (100)             |
| Pressure Range, min <i>bar (psi)</i>                       | 5.5 (80)            | 5.5 (80)            |
| Pressure Range, max <i>bar (psi)</i>                       | 8.6 (125)           | 8.6 (125)           |
| Fuel Consumption 100% Load <i>l/h (gph)</i>                | 9.5 (2.5)           | 11.85 (3.13)        |
| Maximum Operating Altitude <i>m (ft)</i>                   | 3657.6 (12,000)     | 3048 (10,000)       |
| <b>ENGINE</b>  |                     |                     |
| Make & Model   | Kubota V2403        | C2.2                |
| Operating Speed <i>rpm</i>                                 | 2720                | 2720                |
| Available Power <i>kW (bhp)</i>                            | 36.5 (49)           | 44.7 (60)           |
| Displacement <i>l (in<sup>3</sup>)</i>                     | 2.4 (146)           | 2.2 (135)           |
| Cooling System Capacity <i>l (gal)</i>                     | 10.4 (2.8)          | 10.4 (2.8)          |
| Engine Oil Capacity <i>l (qts)</i>                         | 6.9 (7.3)           | 10.6 (8.9)          |
| Fuel Tank Capacity <i>l (gal)</i>                          | 102.2 (27)          | 102.2 (27)          |
| Electrical System Voltage                                  | 12                  | 12                  |
| <b>COMPRESSOR</b>  |                     |                     |
| Service Valves <i>No./Size mm (in)</i>                     | 2/19.05 (.75)       | 2/19.05 (.75)       |
| Compressor Oil Capacity <i>l (gal)</i>                     | 11.4 (3)            | 11.4 (3)            |
| <b>DIESEL PORTABLE QUIET (DPO) — INCLUDES RUNNING GEAR</b> |                     |                     |
| Working Weight <i>kg (lbs)</i>                             | 942 (2076)          | 951 (2096)          |
| Dry Weight <i>kg (lbs)</i>                                 | 844 (1861)          | 848 (1870)          |
| Length including drawbar <i>mm (in)</i>                    | 3442 (135.5)        | 3442 (135.5)        |
| Width <i>mm (in)</i>                                       | 1504 (59.2)         | 1504 (59.2)         |
| Height <i>mm (in)</i>                                      | 1473 (58)           | 1473 (58)           |
| Track Width <i>mm (in)</i>                                 | 1294 (50.9)         | 1294 (50.9)         |
| Max Towing Speed <i>km/h (mph)</i>                         | 89 (55)             | 89 (55)             |
| Axle Rating <i>kg (lbs)</i>                                | 1500 (3306)         | 1500 (3306)         |
| Tire Size  | 175R13LT-8PR 97/95Q | 175R13LT-8PR 97/95Q |
| <b>DLQ — LESS RUNNING GEAR</b>                             |                     |                     |
| Working Weight <i>kg (lbs)</i>                             | 830 (1831)          | 840 (1852)          |
| Dry Weight <i>kg (lbs)</i>                                 | 733 (1616)          | 737 (1625)          |
| Length <i>mm (in)</i>                                      | 1976 (77.8)         | 1976 (77.8)         |
| Width <i>mm (in)</i>                                       | 1105 (43.5)         | 1105 (43.5)         |
| Height <i>mm (in)</i>                                      | 1166 (45.9)         | 1166 (45.9)         |