



**Ring Power Corporation**  
500 World Commerce Parkway  
St. Augustine, FL 32092

Prepared For:  
Florida Sheriff's Association

8/6/2020

**Item #30: (1) NEW SULLAIR 185 CFM AIR COMPRESSOR**

**CONTRACT DETAILS**

Florida Sheriff's Association
Bid # FSA20-EQU18.0
Item #30, Group: Compressor: Air Compressor - Trailer Mounted
Contract Dates: October 1, 2020 through September 30, 2023

**BID SPECIFICATION:**  
APPROXIMATE DIMENSIONS: Weight: 1950 lbs.; Length: 79 Inches; Width: 40 Inches; Height: 47 Inches.  
ENGINE: 49 hp Tier 4 Engine; 12 Volt electrical system; Engine protection system; Gauge package.  
COMPRESSOR: 185 cfm @ 100 psi; Rotary or reciprocating style compressor; 2 service valves. TRAILER: 3700 GVW axle rating; Manufacturer Rated Tires; Fold up tongue jack. ENCLOSURE: Fixed weather enclosure over entire engine/compressor; 2 Full size tool boxes.

**BASE MACHINE**

185 - CAT	SULLAIR 185 CFM AIR COMPRESSOR CAT C2.2 TURBO CHARGED 49HP T4F DIESEL ENGINE NO DEF FLUID SULLAIR AWF FLUID ENGINE BLOCK HEATER BATTER HEATER 27 GALLON FUEL TANK DOT TOWING PKG - ROAD LIGHTS (4WAY FLAT PLUG) 3" PINTLE TOWING HITCH 13" WHEELS & TORSION AXLE ADJUSTABLE JACK STAND NO BRAKES INTERNAL TOOLBOX EXTERNAL TOOLBOX EXTERNAL LIFTING EYE
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# SULLAIR 185

Portable Lubricated Rotary Screw Air Compressors

*Tier 4 Final Emissions Compliant*

185 cfm at 100 psig ■ 5 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, China and India — all ISO 9001 certified to ensure the highest quality standards in manufacturing. In addition, Sullair Suzhou and Shenzhen facilities are ISO 9001, ISO 14001 and OHSAS 18001 certified.*

**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

You have high expectations for your operations, and we make machines that share your work ethic. Sullair portables get the job done with the innovations you want: compact design for enhanced maneuverability and improved fuel efficiency for extended run times.



# THE NEXT GENERATION OF PORTABLE PERFORMANCE

## SULLAIR 185 TIER 4 FINAL

*The workhorse of our elite mobile fleet, the Sullair 185 has been reimagined with key features and critical advantages. We listened to your wants and needs, incorporating a variety of valued customer feedback into our modern design. As a direct result of your input, we've developed a product that is fully optimized and ready to hit the road.*

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

- Integrated leak-free design
- Direct drive

### **Proven Kubota engine**

- Tier 4 final emissions compliant
- Turbo-charged to handle high altitudes

### **Improved fuel efficiency with a 27-gallon fuel tank — up to 10 hours of use**

### **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.

## GENERAL

Model	49hp (T4F)
Actual Delivery — cfm (m³/min)	185 (5.2)
Rated Pressure — psig (bar)	100 (7)
Pressure Range, min — psig (bar)	80 (5.5)
Pressure Range, max — psig (bar)	125 (8.6)

## ENGINE

Make & Model	KUB1803 (T4F)
Operating Speed — rpm	2720
Available Power — bhp (kW)	49 (36.5)
Displacement — in³ (cm³)	111 (1826)
Cooling System Capacity — gal (l)	2.75 (10.4)
Engine Oil Capacity — qts (l)	7.3 (6.9)
Fuel Tank Capacity — gal (l)	27 (102.195)
Electrical System Voltage	12
Battery Rating — CCA	1000

## COMPRESSOR

Service Valves — No. (Size)	2 (¾")
Compressor Oil Capacity — gal (l)	2.1 (7.9)

## DPQ PACKAGE

Working Weight — lbs (kg)	2175 (987)
Dry Weight — lbs (kg)	1960 (889)
Length — in (mm)	130.8 (3322)
Width — in (mm)	59.2 (1504)
Height — in (mm)	58 (1473)
Track Width — in (mm)	50.9 (1293)
Max Towing Speed — mph (km/h)	55 (89)
Axle Rating — lbs (kg)	3700 (1678)
Tire Size	ST175/80D13

## DLQ PACKAGE

Working Weight — lbs (kg)	1950 (845)
Dry Weight — lbs (kg)	1740 (789)
Length — in (mm)	79.3 (2014)
Width — in (mm)	40.7 (1034)
Height — in (mm)	47.8 (1214)

## PERFORMANCE

Fuel Consumption 100% Load — gph (l/h)	2.7 (10.2)
Max. Operating Altitude — ft (m)	9000 (2743)

## Portable Product Line

Portable Product Line	Standard Warranty		Conditional HPL 1500/AWF Warranty
	Package	Airend	
All Products	1 Year	2 years	*5 Years/10,000 hrs

\*Conditional Warranty, 5 years or 10,000 hours, whichever comes first

*Engine Registration is the responsibility of the start-up entity and must be completed with the engine manufacturer following their guidelines. All engine warranty claims must be filed with the engine manufacturer. Engine Warranty Coverage, Registration and Claim Filing information is available at engine manufacturer's website.*

## Reman Product Line

Reman Product Line	Standard Warranty		Conditional HPL 1500/AWF Warranty
	Package	Airend	
375H, 375HH, 375HAF, 900HAF, 900/1150AXHH, 1600HAF, 900/1150 Open Frame	1 Year	2 years	5 Years/10,000 hrs 2 Years/3,000 hours Engine*

\*Conditional HPL 1500/AWF Warranty, 5 years or 10,000 hours, whichever comes first

