



BOSSAIR 85/185 PTO Drive Underdeck Rotary Screw Air Compressor

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air compressor on your crew trucks...



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BOSSAIR 85/185 UBI PTO Drive

Underdeck Rotary Screw Air Compressor

The BOSSAIR PTO design allows you the option to choose any CFM output up to 85 CFM utilizing the BOSSAIR 85 or up to 185 CFM with the BOSSAIR 185. Simply adjusting the engine speed control the compressor will produce the CFM continuously. Once the PTO is engaged, engine torque and horsepower are transmitted to the air compressor via a properly sized tubular drive shaft. The speed control for the compressor modulates according to air demand, which offers fuel savings, as well as, reduces wear and tear on the vehicles engine. When the job is complete, simply disengage the PTO and continue to the next job site.

Because the PTO air compressor components become an integral part of the vehicle and are mounted below the bed, it offers many advantages you cannot get when using conventional air compressors.

- **Frees up the tow hitch.**
- **Takes up no bed space** - BOSSAIR PTO air compressor are mounted under deck.
- **Fewer parts** - Compared to its towable or cross-mount counterparts.
- **Light weight** - Less than 285lbs for the BOSSAIR 85 and 425lbs for the BOSSAIR 185.
- **Only one engine to maintain** - Simplifies preventive maintenance.
- **Cost efficient** - No need for additional licensing fees or insurance.

SPECIFICATIONS

COMPRESSOR	MODEL BOSSAIR 85 (SIDE-MOUNT)*			
Delivery @ 100 psig**	30 CFM	45 CFM	60 CFM	85 CFM
Input speed to compressor shaft (RPM)	960	1395	1815	2500
Fluid capacity (gallons)	2.2	2.2	2.2	2.2

Note: input speeds may vary depending on chassis application.
*Hydraulic drive option available. Consult factory.
**125 and 150 PSIG available. Consult factory.

COMPRESSOR	MODEL BOSSAIR 185 (SIDE-MOUNT)*			
Delivery @ 110 psig**	100 CFM	125 CFM	160 CFM	185 CFM
Input speed to compressor shaft (RPM)	1200	1450	1875	2160
Fluid capacity (gallons)	4.75	4.75	4.75	4.75

Note: input speeds may vary depending on chassis application.
*Hydraulic drive option available. Consult factory.
**125 and 150 PSIG available. Consult factory.

COMPONENTS	BOSSAIR 85	BOSSAIR 185
Compressor air-end	10"W x 16"H x 18"L	10" W x 8"H x 15"L
Receiver sump	12" dia x 22"L	10" dia x 20" L
Spin-on coalescer	.5" dia x 13"H	5" dia x 13" H
Front mount cooler assembly***	1 1/2"W x 26 1/2"H x 28 1/2"L	1 1/2"W x 18"H x 24 1/2"L
Gauge package	4 3/4"W x 3"H x 8"L	4 3/4"W x 3"H x 8"L
Weight (dry)	423 lbs	285 lbs

***Remote mount 12v DC cooler assembly available. Consult factory.

The B-CAN Compressor Control System



DURABLE. CAPABLE. RELIABLE

The B-CAN is a remote compressor control system featuring a 3.5 inch fully sunlight viewable screen that is menu based for service and diagnostic information.

- USB interface allows quick and easy software updates.
- Internal buzzer to alert operators of warnings and shutdowns.
- Plug-and-go solution for displaying J1939 engine and transmission data.
- Service interval alarms.
- Robust polycarbonate case with IP67 rating.
- Fully-seated Deutsch electrical connectors.
- Dual B-CAN option available.



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