



BOSS®

engineered AIR systems

CUSTOMER SERVICE

To us, support is about finding a solution to problems in the most effective way, and getting our clients back on the job site. It comes down to the people - we pride ourselves on staffing a well-integrated tech team that determines the specific problem areas and finds a solution to it with very little lead-time. Along with the support from our service team, BOSS® provides customer education seminars on location or in-house in our training facility. This is to make sure that the client is familiar with the product and gets the most out of its service. Today BOSS® accounts for more than 50% of all PTO rotary screw compressor sales.



A leader in PTO Rotary Screw Air Compressor Technology, Boss Industries, LLC. offers the most efficient and reliable products in the industry. Our innovations allow for increased efficiency and productivity while making us a leader in the industry.

BOSS® has a full line of vehicle integrated compressors, generators, and welders. In addition, Boss also offers hydraulic and engine driven compressors and generators, as well as, a line of natural gas boosters and vapor recovery compressors.

Since 1988, Boss Industries has been providing unmatched quality, integrity, and superior designs for our customers. Contact us on how we can create an Engineered Air System for you.



UNDERDECK ROTARY SCREW DRIVE COMPRESSORS (30CFM - 375CFM)

The BOSS® UBI PTO design allows you the option to choose any cfm output up to 85cfm utilizing the 80100 or up to 185cfm with the 8060. By simply adjusting the engine speed control, the compressor will produce the cfm continuously. The speed control for the compressor modulates according to air demand, which offers fuel savings, as well as, reduces wear and tear on the vehicle's engine. When the job is complete, simply disengage the UBI PTO and continue to the next job site.

- Takes up no body space
- Fewer parts - Compared to its towable or cross-mount counterparts
- Lightweight - Less than 285lbs for the 80100-UBI and 425lbs for the 8060-UBI
- Only one engine to maintain - Simplifies preventive maintenance

Other additional products in this category: 375 UBI



80100/8060-UHBI HYDRAULIC DRIVE

Our Hydraulic driven 80100/8060 has the same great features and benefits as its 80100/8060 PTO Drive line driven counterpart while taking advantage of powering other hydraulic requirements that you need.

Without a doubt, the UHBI is our most versatile under deck system to date. The 80100 UHBI delivers a continuous 35cfm at 110psig with only 8.1gpm, with a maximum out put of 85cfm at 18.2gpm.

The 8060 UHBI delivers a continuous 60cfm with 14.9gpm, with a maximum output of 185cfm at 43.5gpm

- Takes up no body space
- Efficient - One hydraulic system utilizing multiple devices
- Only one engine to maintain - Simplifies preventive maintenance
- Cost savings - No need for additional licensing fees or insurance



UNDERDECK PTO DRIVE ROTARY SCREW COMBO UNITS

The BOSS® BGPSD is a revolutionary 3-in-1 package that includes a constant 185cfm output rotary screw underdeck air compressor, 6,500kW or 10,00kW continuous output A/C generator, and an optional 10gpm hydraulic pump operated off of a single power take-off (PTO) opening. The 8060-UBI BGPSD is the answer to driving all your equipment needs in one flexible and simple gearbox design.

- Dual input shaft allows flexibility for either clockwise or counter-clockwise rotating PTOs with one compressor package

- No belts – direct gearbox drive
- Generator utilizes a J609B tapered shaft mount with 1.6:1 output
- Optional SAE "A" mounting pad with 10gpm hydraulic pump

Other additional products in this category: Under Deck BGSD PowerMax - AC Shaft Drive Generator Only; Under Deck BGHD PowerMax - AC Hydraulic Drive Generator Only; Under Deck BG PowerMax - Belt Drive Generator and Compressor Combo



THE DIRECT CONNECT FORD 4X4 APPLICATION

The BOSS® Direct Connect brings you the flexibility of no other PTO system currently on the market. Designed for Ford Super Duty trucks with 4x4, it allows for convenient attachment of a wide range of accessories, including: air compressors, generators (direct or hydraulic), large hydraulic pumps, fire pumps, etc.

Our Direct Connect System is only available for the following two (2) models: the Muncie FR66 (Ford 6.7 Diesel) and Muncie FR67 (Ford 6.8 V-10 Gas and 6.4L Diesel) at this time.

The Kit Includes:

- Converted Transfer Case
- Spicer 1310 PTO to Shaft Univs. Joint/Coupling
- 1.25" Precision Ground Shaft with 5/16" keys
- Replacement Driveshaft Flange Bolts
- Re-usable Crate/Packaging for Core return
- SKF ConCentra High Speed Bearing
- Loctite Threadlocker
- Installation manual
- Warning Decals
- 3 Year/36,000 mile Warranty



HL-300

Air hammers, rock drills and tampers can be the heaviest items at the job site.

Not anymore! The HL-300 will hold up to three air tools and will raise and lower them from the vehicle to the ground as needed. The hydraulic drive system is designed with built-in safety features to prevent accidental or rapid movement.

- Hydraulic power unit is self-contained on mechanical lift assembly designed for lifting up to 300lbs

- Compact design requires minimum space and can be mounted on deck or in a cabinet.
- Customized tool plates are available to meet your application requirements
- Mechanical lift: 19.5 inches wide, 19.5 inches deep and 54.5 inches tall, capable of holding three tools within the perimeter of the mechanical lift assembly

Other additional products in this category: Titan E-Z Lift - Our New electric version!



ROTARY SCREW



ABOVEDECK ENGINE DRIVE ROTARY SCREW COMPRESSORS

The MechanX® is an all new concept in the Service Mechanics Truck and Tire Service Industry. Wrapped in a corrosion resistant, tough tubular frame, with a T4F Kubota® diesel powered 3 cylinder engine, and coupled to a rotary screw compressor, the MechanX is ideal for the tough work of the Tire Service and Mechanics Truck environment. Also, MechanX's versatility allows the work truck's engine to be turned off while you work.

generator, battery charger, and a jump starter!

- Extend the life of your service vehicle
- No more plugged DPF systems from extended idling of vehicle engines
- Reduced fuel consumption and noise pollution
- Small footprint in an aerodynamic design
- The MechanX ties into the vehicle battery and fuel tank
- Keeps vehicle battery charged
- No PTO required

PISTON



ABOVEDECK HYDRAULIC DRIVE PISTON COMPRESSORS

The BA435 is ideal for the Mechanics Truck and Tire Service Professionals! Engineered around a durable BOSS hand built and tested assembly, this lightweight air compressor package delivers a smooth 35cfm @100psig. It's driven by a hydraulic motor requiring 10gpm @1,850psig for optimum speed of 1,400rpm input.

- High air discharge temperature shutdown
- Integrated compressor hydraulic cooler
- Pressure lubricated oil pump and splash lubrication
- The piston assembly is direct coupled to a hydraulic gear motor resulting in a "No belt, No worries" air compressor.
- Aluminum compressor assembly for better heat dissipation

ROTARY SCREW



COMPACT DIESEL UTILITY AIR COMPRESSOR

This diesel driven 74hp T4F John Deere engine and skid mounted rotary screw air compressor is rated at no less than 210cfm at 100psig for our 210 DUS and 250cfm at 100psig for our 250 DUS. The heavy duty design is perfect for OEM truck mounted applications.

- Separate Engine/Compressor
- Remote Fluid Drains
- Two-Stage Air Filters and Restriction Indicator
- Shutdown Switches for Low Engine Oil Pressure, High Coolant Temp., and Compressor Discharge, Temp.

Other additional products in this category: Bullet 2 (70CFM) - Gasoline Driven Engine

ROTARY SCREW



ABOVEDECK HYDRAULIC DRIVE ROTARY SCREW COMPRESSORS

The BOSS® 80102-AHBI advanced design allows you the option to choose any CFM output up to 100cfm (80102). By simply adjusting hydraulic flow to the compressor, the system will produce up to 100cfm at 110psig.

Now, when you need that extra boost, you have it.

- Integrated compressor oil cooling package with automatic thermal sensing control to ensure proper operating temperatures
- Hydraulic motor directly coupled to geared air end

- Self-contained separator element with easy access spin-on housing
- Integrated receiver tank with filler port and drain valve
- Optional hydraulic system oil cooling packages available upon request (recommended)

Other additional products in this category: 80201 - AHBI (125CFM - 185CFM); Series 35 (20-CFM - 35CFM); Infinity 60 (45CFM - 60CFM)

ROTARY SCREW



AIRENDS FOR DEM'S

While our competitors are utilizing technology from the 70's, BOSS® is providing the latest technology to offer air compressors with conservative input speeds to save you fuel and decrease horsepower at the same CFM output. Airends used in our PTO systems, are designed specifically for the PTO underdeck air compressor market featuring flexible mounting, clearance, and drive line angles.

- BOSS® airends provide a safe, reliable flow in ranges of 15-900cfm up to 220psig, depending on your air demands
- BOSS® compressor's advanced technology utilizes a 6/5 rotor profile versus 6/4 typically used by competitive suppliers
- BOSS® airends are smaller in size and weight and allow increased efficiencies with higher productivity

ABOVEDECK

AIRENDS FOR DEM'S



BOSS[®]

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Products and Specifications may change without notice.
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