

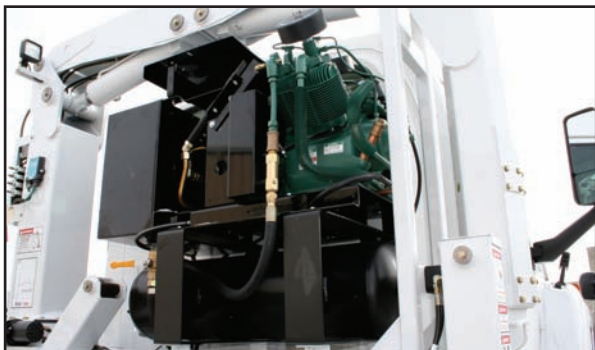
# AMERICAN EAGLE

## COMPRESSOR CATALOG



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## New Plug & Play!



The Plug & Play concept greatly simplifies compressor installation and compressor change-outs.

Here's how it works: The most popular American Eagle compressors now require similar hydraulic flow (gallons per minute). In addition, the mounting base-plates and hydraulic connections are all common as well. This eliminates the time and expense of changing out PTO's and pumps.

Group 1: SHD-43AFP and SHD-60AFP require 11 gpm. The SRS-40 requires 12 gpm.

Group 2: SHD-66P, SHD-132P, and SRS-65P now all require 18 gpm.

Now you can easily change from one compressor (in the same group) to another compressor very quickly and easily.

*Plug & Play; another way American Eagle is making your life easier!*

*\*Engine RPM should be adjusted to maintain proper compressor speed.*

Designed & Manufactured  
in the USA



# Compressor Pumps

## AMERICAN EAGLE

**We start with the most durable compressor pumps available, and use state of the art technology to design a complete system around them.**

- Single-stage 150 PSI max
- The heart of our single-stage hydraulic-driven compressors.
- For use in many mobile, industrial, and commercial applications.

### **Options include:**

- Imbedded or canister air inlet filters
- Head unloader
- Pilot valve
- Air cooled or water cooled heads
- 10", 12" or 14" flywheel



### **Model 143**

- Single-Stage Two-Cylinder
- 2-5/8" Bore x 2" Stroke
- Lubrication: Splash
- Discharge: 1/2" NPT
- Flow: 3.1 to 8 CFM
- HP Required: 1, 1-1/2, 2, 3
- Speeds: 400 to 1250 RPM
- Weight: 52 lbs



### **Model 200**

- Single-Stage Two-Cylinder
- 2-3/4" Bore x 2.5" Stroke
- Discharge: 3/4" NPT
- Lubrication: Pressure
- Flow: 8 to 13 CFM
- HP Required: 2, 3, 5
- Speeds: 800 to 1300 RPM
- Weight: 60 lbs

# COMPRESSORS



## Model V230

- Single-Stage Four-Cylinder
  - 2-5/8" Bore x 2" Stroke
  - Discharge: 3/4" NPT
  - Lubrication: Splash
  - Flow: 12 to 23 CFM
  - HP Required: 3, 5, 7.5
  - Speeds: 800 to 1300 RPM
  - Weight: 80 lbs
- (Shown with optional flywheel)



## Model V360

- Single-Stage Four-Cylinder
- 2-5/8" x 2" Stroke
- Lubrication: Pressure
- Flow: 12 to 23 CFM
- Discharge: 3/4" NPT
- HP Required: 3, 5, 7.5
- Speeds: 800 to 1300 RPM
- Weight: 70 lbs



## Model V480

- Single-Stage Four-Cylinder
- 2-3/4" x 2 1/2" Stroke
- Lubrication: Pressure
- Flow: 16 to 30 CFM
- Discharge: 3/4" NPT
- HP Required: 5, 7.5, 10
- Speeds: 800 to 1300 RPM
- Weight: 89 lbs



## Model HV60

- Single-Stage Four-Cylinder
- 3.4" Bore x 3.6" Stroke
- Lubrication: Pressure
- Flow: 52 to 70 CFM
- Discharge: 1" NPT
- HP Required: 20, 25
- Speeds: 1000 to 1200 RPM
- Weight: 117 lbs

# Single-Stage Hydraulic Driven AMERICAN EAGLE

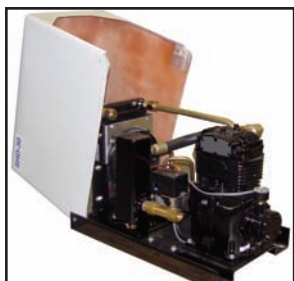
**American Eagle single-stage compressors are manufactured for reliability and longevity.**

- Direct-drive, no belts to break or adjust.
- Cast iron crankcase and cylinder heads for durability.
- High temperature precision ground 4-ring pistons for consistent performance.
- Stainless steel reed valves for long life and heat resistance.
- Heavy ductile iron balanced crankshaft with heavy-duty journal bushings and micro-honed connecting rods for smooth operation and long life.
- High-capacity hydraulic oil cooler and fan for cooler operation.
- Canister type air filters for high capacity and easy changing (SHD-43AFP & SHD-60AFP).
- Pressure lubricated for consistent oil flow and pressure.
- Durable, dent resistant white fiberglass cover protects the compressor and will never rust or corrode.



## **Model SHD-21A**

- 21 cu. in. displacement
- 8 cfm @ 100 psi
- Hyd. req: 7 gpm @ 1800 psi
- Max. pressure: 150 psi
- Single-stage, Two-cylinder
- Imbedded air filter
- 23"L x 14.5"W x 17"H
- Weight: 125 lbs
- Uses Model 143 Pump



## **Model SHD-30A**

- 30 cu. in. displacement
- 13 cfm @ 100 psi
- Hyd. req: 7 gpm @ 1800 psi
- Max. pressure: 150 psi
- Single-stage, Two-cylinder
- Imbedded air filter
- 26"L x 14.5"W x 17"H
- Weight: 125 lbs
- Uses Model 200 Pump

# COMPRESSORS

All single-stage hydraulic-driven units include the American Eagle single-stage reciprocating pump.

## Options include:

- Hydraulic oil reservoir under compressor.



### Model SHD-43AF

- 43 cu. in. displacement
  - 23 cfm @ 100 psi
  - Hyd. req: 11 gpm @ 1850 psi
  - Max. pressure: 150 psi
  - Single-stage, Four-cylinder
  - Canister air filter
  - 26"L x 18"W x 17.5"H
  - Weight: 165 lbs
  - Uses Model V360 Pump
- (Shown with optional 11-gal. oil reservoir)*



### Model SHD-60AF

- 60 cu. in. displacement
- 30 cfm @ 100 psi
- Hyd. req: 11 gpm @ 1850 psi
- Max. pressure: 150 psi
- Single-stage, Four-cylinder
- Canister air filter
- 26"L x 18"W x 17.5"H
- Weight: 175 lbs
- Uses Model V480 Pump



### Model SHD-132A

- 132 cu. in. displacement
- 70 cfm @ 100 psi
- Hyd. req: 18 gpm @ 2650 psi
- Max. pressure: 150 psi
- Single-stage, Four-cylinder
- Imbedded air filter
- 31"L x 21"W x 22"H
- Weight: 300 lbs
- Uses Model HV60 Pump

# Two-Stage Hydraulic Driven AMERICAN EAGLE

**All two-stage hydraulic-driven units include a heavy-duty commercial grade two-stage reciprocating pump for reliable performance.**

- Cast-iron, one piece cylinder and head design - no head gaskets to fail!
- Domed head design for high efficiency.
- Cast iron crankcase for durability.
- Reliable, high flow disc valves for trouble-free performance and long life.
- Heavy-duty fully balanced pistons, crankshaft, and fan bladed flywheel for smooth, cool operation.
- Heavy-duty crankshaft main roller bearings for long life.
- Oil level sight glass for easy visual check.
- Intercoolers for cooling between stages for increased efficiency and life.
- High-capacity hydraulic oil cooler and fan for cooler operation.
- Canister type air filters for high capacity and easy changing.
- An attractive and durable white painted steel cover is available on the SHD-33AF and SHD-66AFP.
- An integral oil reservoir is also available to save space and simplify installation.
- Five-year limited warranty on compressor (pump) for peace of mind.

# COMPRESSORS

 Plug & Play



## Model SHD-66DD

- 66 cu. in. displacement
- 46 cfm @ 175 psi
- Hyd. req: 17-19 gpm @ 2500 psi
- Max. pressure: 175 psi
- 150 - 175 PSI operating range
- Two-stage, Four-cylinder
- 33.5"L x 25"W x 27.5"H
- Weight: 425 lbs



Model SHD-66DD shown with optional 15-gal. oil reservoir, and 20-gal. air tank.  
(50"L x 24"W x 41.5"H)



## Model SHD-138

- 130 cu. in. displacement
- 60 cfm @ 175 psi
- Hyd. req: 16 gpm @ 2300 psi
- Max. pressure: 175 psi
- Two-stage, Two-cylinder
- 46"L x 24"W x 35"H
- Weight: 655 lbs



## Model SHD-245

- 142 cu. in. displacement
- 110 cfm @ 175 psi
- Hyd. req: 24 gpm @ 2300 psi
- Max. pressure: 175 psi
- Two-stage, Four-cylinder
- 43"L x 28"W x 36.5"H
- Weight: 900 lbs

# Rotary Screw Compressors

## AMERICAN EAGLE

American Eagle offers a wide range of rotary screw compressors, with above deck, below deck, or underhood mounting options, to fit any need you may have.

- Air on-demand as required. The more you need, the more air you'll receive, so there's no need for a large capacity air reservoir.
- Precision engineered rotary screw air-end.
- 100% duty cycle rated for continuous use so you can run the compressor as long as your job requires without overheating concerns.
- Rotary screw lobes are oil-injected for a compression system without metal-to-metal contact for long life.
- Automotive type air cleaner for high capacity.
- High-capacity oil cooler and fan for long life.
- An attractive and durable white painted steel cover is included to protect the compressor (above deck units).



### Model SRS-40 Above Deck

- Durable steel enclosure
- Single-stage oil injected
- 40 cfm @ 100 psi @ 7500-8000 rpm
- Hyd. req: 12 gpm @ 2600 psi
- Max. pressure: **Now 175 psi!**
- 27"L x 19"H x 19.5"W
- Weight: 225 lbs



### Model SRS-65 Above Deck

- Durable steel enclosure
- Single-stage oil injected
- 65 cfm @ 100 psi @ 7000-7500 rpm
- Hyd. req: 18 gpm @ 2750 psi
- Max. pressure: **Now 175 psi!**
- 29"L x 26"H x 22"W
- Weight: 313 lbs

# COMPRESSORS



## Model SRSR-130 Above Deck

- Durable aluminum enclosure
- Single-stage oil injected
- 100-150 psi
- 130 cfm @ 150 psi
- 26 gpm @ 2400 psi
- 43.5"L x 31"H x 28"W
- Weight: 325 lbs



## Model 125-185 Above Deck

- Durable steel enclosure
- Single-stage oil injected
- 125 cfm @ 100 psi
- 30 gpm @ 2200 psi -  
42 gpm @ 2400 psi
- 41.5"L x 30"H x 39"W
- Weight: 600 lbs



## Model 60-185 Hydraulic Drive Below Deck

- Single-stage oil injected
- 60-185 cfm @ 100 psi
- 23.5 gpm @ 2300 psi -  
42 gpm @ 2400 psi
- Weight: 453 lbs



## Model 60-185 PTO Drive Below Deck

- Single-stage oil injected
- 60-185 cfm @ 100 psi
- Weight: 353 lbs



## Model VR70 Underhood

- Single-stage oil injected  
lobe profile rotors
- 73.5 cfm @ 175 psi
- Weight: 148 lbs

# Gas and Diesel Engine Driven

## AMERICAN EAGLE

American Eagle offers a wide range of reciprocating (piston type) two-stage and rotary screw compressors powered by gas or diesel engines.



**Model SGD-0814**



**Model SGD-1323**

### Gas Engine Reciprocating Compressors

Model	Engine H.P.	CFM
SGD-0814	8	14
SGDH-1120	11	20
SGD-1323	13	23
C-130GE	14	23
C-180GE	18	35
SGD-2340	23	40
SGD-3059	35	59

### Diesel Engine Reciprocating Compressors

SDD-1017	10	17
C-180DE	18	35
SDD-2759	27	59

### Gas Engine Screw Compressors

RS18G	18	38
SRSG70	25	70/80

### Diesel Engine Screw Compressors

RS10D	10	17
RS19D	20	35
RS28D	28	80

### Specialized Starter Packages

Air Starter Pack (Base mounted)	20	23
Capstart (Stand alone jumpstart 2-wheeled cart)		

Compressors are also available in a base mount (no air reservoir) configuration for space saving. Various engine brands are available for most compressors. Other compressor variations are also available, please inquire.

# COMPRESSORS

A full range of compressor units are available, 14 cfm – 125 cfm. These compressors include the same features and benefits as our hydraulic driven units.



**Model RS18G**



**Model C180DE**

PSI	Dimensions	Weight (lbs)
175	38"L x 22"W x 45"H	345
175	38"L x 23"W x 46"H	410
175	40"L x 23"W x 46"H	460
175	40"L x 24"W x 42"H	500
175	46"L x 25"W x 42"H	550
175	46"L x 28"W x 36"H	645
175	63"L x 41"W x 49"H	1,075
175	38"L x 32"W x 46"H	500
175	46"L x 25"W x 44"H	600
175	52"L x 28"W x 40"H	813
175	40"L x 24"W x 42"H	550
150	40"L x 33"W x 30"H	535
175	40"L x 24"W x 42"H	600
175	46"L x 29"W x 48"H	600
175	48"L x 18"W x 48"H	600
150	41"L x 30"W x 21"H	475
	48"L x 20"W x 26"H	100

*Remote mounting/starting kits or wireless key FOB remotes are available for most engine drive compressors.*

# Accessories

## AMERICAN EAGLE

American Eagle offers top quality accessories to accompany its top quality compressors. No compressor system is complete until you have all the accessories needed to deliver the compressed air. American Eagle can also supply chassis components such as PTOs, pumps, and engine speed controls to fully complete your compressor package.



### Hose Reels

- 3/8" x 50' air hose on spring rewind reel
- 1/2" x 50' air hose on spring rewind reel

(Note: 3/4" hose reel with 50' air hose available upon request)



### FLR System

- FLR: Air Filter, Lubricator, Regulator

(Note: Desiccant dryer available upon request)



### Air Tanks

- 10 gallon - 8"D x 48"L, 40 lbs
- 15 gallon - 12"D x 34"L, 50 lbs
- 22 gallon - 18"D x 24"L, 77 lbs
- 30 gallon - 12"D x 60"L, 80 lbs
- 35 gallon - 14"D x 60"L, 120 lbs
- 60 gallon - 18"D x 60"L, 210 lbs

# COMPRESSORS



## PTOs

American Eagle supplies PTOs for most standard and automatic transmissions, 2-wheel and 4-wheel drive. Pictured at left is the PTO for the Ford automatic.



## Pumps

Hydraulic pumps attach directly to the PTO. American Eagle offers high quality single and dual pumps, with a wide range of oil flow capacities.



## Throttle Controls

The American Eagle Throttle Control is designed specifically for the diesel and gas engines and will not affect the integrity of the EEC system. This solid state device can be remotely triggered with a 12 VDC(+) source and adjusts from idle to approximately 3000 RPM when energized.



*What work trucks  
are built around.*

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