



Hydraulic Driven Power Source

Genesis HPB-37



American Eagle has developed a new hydraulically driven power source for service trucks called the American Eagle Genesis. The truck mounted power source measures 48"x 36"x 29". It is hydraulically driven with a dedicated pump from the truck power take off. This power source requires 16GPM @ 3000 PSI to drive it with a maximum system pressure of 3500 psi. The unit is completely self-contained with a weather resistant remote control panel at the rear of the truck.

- Completely powered by the truck engine eliminating the need for separate components.
- The unit is extremely quiet, creating a safer work environment.
- No need for three separate units. Takes less space, self-contained.
- Weather resistant.
- Provides a safer more efficient work environment since there is no need to get in and out of the truck bed to control the unit.

This unit has a remote control panel that can be located in various places such as the rear of the truck. This control panel has hook ups for welding, air tools, and electrical tools.

Typical Applications:

- Most power tools - drills , saws, power washers, etc.
- Air tools up to 1" impact.
- General repair and fabrication, and pipe grade welding.



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Specifications for American Eagle Genesis HPB-37

Power Specifications

- 250 amp DC welder. DC-CC(30 amps to 250 amps) & DC-CV(15-30 volts)
- 10KVA alternator with maximum output at 8.5 KW.
- Electrical outlets include; 230v 3-phase 20-amp, 230v single-phase 20-amp, and two 110v 20-amp GFCI duplex receptacles.
- With 37 CFM of air @ 100 PSI and a max operating pressure of 150 PSI you will have enough air to operate a 1" impact wrench.
- 10-gallon air storage tank.
- Unit is capable of running multiple tools simultaneously.

Welding Capacity

- With integrated PowerBox™ 250-amp DC welder
- 100% duty cycle
- DC 250 amps

Output Range

- With single welder
- DC-CC 30-amps to 250-amps
- DC-CV 15 -30 volts

Maximum Available Power

- (60 Hz) 10 KVA alternator
- Maximum Output 8.5 KW
- 115v AC - single phase 8.5 KW 40 amps
- 230v AC - single phase 8.5 KW 20 amp
- 230v AC - three phase 8.5 KW 20 amp
- Aux power while welding 1 – 8.5 KW

Electrical Outlets

- 230v 3-phase 20-amp
- 230v single-phase 20-amp
- Two 110v 20-amp GFCI duplex receptacles

Air Compressor

- 1 pump; 37 CFM @ 100psi
- Maximum PSI available --150
- 10-gallon storage tank
- One 1/2" regulated outlet
- One 3/8" regulated outlet

Dimensions

- H: 29" (74 cm)
- W: 36" (91 cm)
- L: 48" (123 cm)

Approximate Weight

- 1050 lbs. (461 kg)



American Eagle Accessories Group
280 West 3rd Street • P.O. Box 169 • Garner, Iowa 50438 • USA
Phone: 800-392-3015 • Fax: 641-923-4889
www.americaneagleacc.com