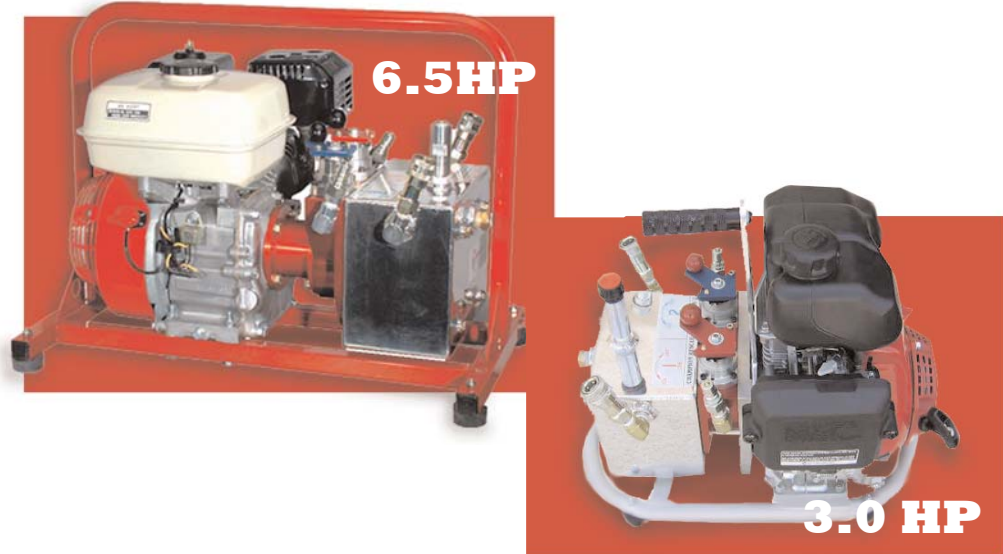




Power Units (Gas)



**This Manual Covers
the Following Equipment:**

6.5 Honda Light SIMO Power Unit
(PW-65)

*Connects and runs two tools
simultaneously*

3.0 Honda Ultra Light SIMO Power
Unit (PW-30)

*Connects two tools simultaneously
and runs one*

- Technical Specifications
- General Safety/Operating Instructions
- Using the Power Unit
- Maintenance Instructions

This is a detailed instruction guide specific to Champion Rescue Tools Gas Power Units - please see separate information provided for general hydraulic tool usage, warranty information, MSDS information, etc.

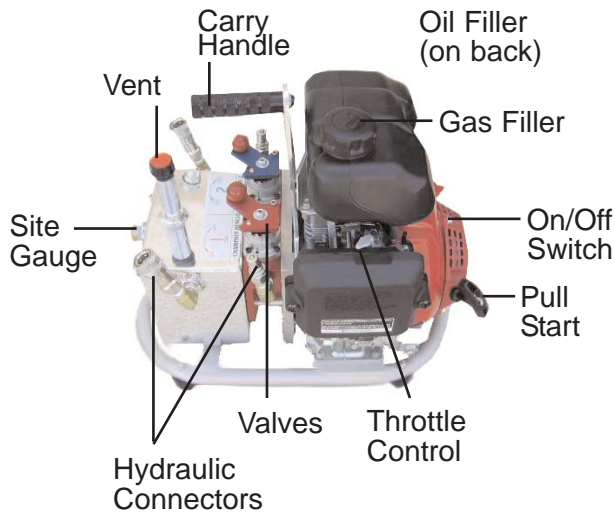
when every second counts
trust a champion

Introduction

Thank you for purchasing a Champion Gas Powered Hydraulic Power Unit - the most reliable pumps and power units in the market. For General

Operating and Safety Instructions please refer to the "General Operating Procedures" Booklet furnished with your tool.

Technical Specifications: PW65 and PW30



3.0 HP

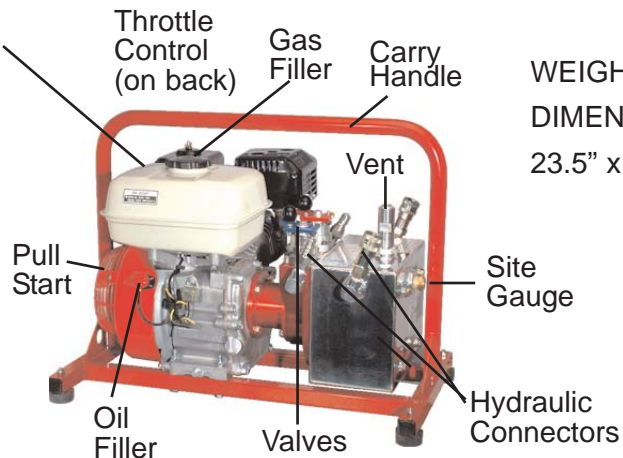
WEIGHT: 44.0 lbs.

DIMENSIONS: 19.0" x 12.0" x 18.0"

OPERATING PRESSURE: 5,000 or 10,500PSI as specified

HYDRAULIC FLUID TYPE: As specified by the customer

6.5HP



WEIGHT: 69.0 lbs.

DIMENSIONS: 23.5" x 17.0" x 17.5"

General Safety and Operating Instructions

As a general rule, power units are shipped dry. That is, they contain no oil or gasoline, but do have hydraulic fluid in the reservoir. Please follow these steps to prepare your unit for operation:

1. Read the engine manufacturer's operations manual thoroughly and completely.
2. Add motor oil, as recommended by the manufacturer. To do this, consult the engine manufacturer's owner's manual. Do not over or under fill. Fill the motor with the recommended oil to the full line.
3. Familiarize yourself with the tool(s) and control valve, moving the control valve back and forth until familiar with the valve action and operation. NEVER put any part of your body between the moving parts of this or any other tool!
4. This is a one person operation only no exceptions.
5. Fill the gas tank with the factory-recommended octane.
6. Inspect the site glass on the reservoir tank to

insure the fluid level is at halfway or slightly above the sight glass. NEVER START THE ENGINE WITHOUT FLUID IN THE HYDRAULIC TANK..

7. Remove the shipping plug located on the vent on the top of the fluid reservoir and replace with breather cap provided. Finger-tighten breather cap.
8. If hydraulic fluid is needed, remove breather cap and pour fluid in and then replace breather cap. NOTE: Make sure you use proper fluid. If not sure of the fluid type, contact Champion Rescue Tools immediately, so you avoid cross contamination of fluids possibly resulting in damage to the power unit, hoses, couplers and/or tools.
9. Carefully inspect your hoses for any damage and connect them to the appropriate ports.
10. It is recommended that the power unit be started AT LEAST once a week and ran for five to ten minutes with valves in the off position. This insures that the unit is in good working order when needed.
11. Do not store power unit for extended periods of

General Safety and Operating Instructions - Continued

time without using a gas additive to prolong the life of the fuel.

12. In extreme cold environments, use “Heat Gas Additive” and then once engine has been broken in for two to three hours, use Mobil Synthetic. Start power unit as soon as you are on-scene and allow to warm up.

13. Maximum length of hydraulic hose to be used with the 6.5 Honda Light SIMO Power Unit is 100’ (30 meters). Maximum length of hydraulic hose to be used with the 3.0 Honda Ultra Light SIMO Power

Unit is 30’ (10 meters). Under extreme emergency conditions, the power unit can support up to 200’ (60 meters) of hose. This will cause the tool(s) to move slower and there is minimal power loss at that length.

14. As with all Champion Rescue Tools, the operating speed can be slowed down or increased by moving the trigger as follows: if the trigger is opened partially the movement will be slowed; moving the trigger all the way over to the maximum position will increase the speed.

Troubleshooting

Sometimes a performance problem can be easily resolved by checking seemingly apparent, but often overlooked possibilities. Before arranging for service, be sure check these items:

Problem	Remedy
Power Unit won’t start	Check on and off switch. Check gas and engine oil - fill as needed. (some units have automatic shut off when low)
Tools won’t move	Check valves on power unit to see if they are turned on.
Power Unit smokes when started	Check spark plug and filter Motor might have been turned over so check engine oil level - if it is over full, change oil, and remove air filter and clean oil out.
Tools move in one direction only	Check couplers.
Won’t start on uneven ground	Use cribbing to level. Power Unit has an automatic cut-off switch when unit is set up more than 20 degrees from level.

If problems persist, call Champion Rescue Tools or an authorized distributor for maintenance and repairs. Tampering, modifying or unauthorized repairs on tools and their components **VOIDS** your warranty and further limits Champion Rescue Tools liability for repair or replacement of the tool.

Maintenance Instructions

Follow instructions as provided by the engine manufacturer.

Support

Should you require either technical, service, training or any other type of support, please contact our Corporate Offices at:



814 Berry Court, Upland, CA 91786 USA

Phone: (909) 982-1126 Fax: (909) 982-0050

Toll Free: 1-888-396-2426 www.championrescuertools.com

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24 Hour Emergency Line: 909-790-5690