

# Hydraulic Impact Wrench

HW1 & HW1V



**GREENLEE**<sup>®</sup>

**UTILITY**

A Textron Company

*High strength cast motor enclosure protects impact mechanism*

*Large lifting eye for easy and secure storage*

*Improved center-of-gravity for superior ergonomics*

*Longer, wider trigger provides improved control*

*Internal hydraulic check valve eliminates damage from an improperly connected tool*

*Torque adjustment selector for quick adjustment of output torque settings (HW1V only)*

*Easy change between Open Center and Closed Center systems*

*Impact and temperature resistant replaceable polymer grip dissipates heat*

## *The Choice is Yours...*

The high-torque, high-speed HW1 and HW1V Hydraulic Impact Wrenches feature industry-leading torque and speed. With high strength casting, reduced weight and widened trigger design, these wrenches turn at up to 6,500 rpm and drill holes through hardened poles in seconds rather than minutes. And, they have the torque (500 ft.-lb.) to break free most rusty pole hardware.

The HW1V Hydraulic Impact Wrench comes with a 3 position torque adjustment control and quick change access, to adjust the torque to suit the needs of each specific task. For instance, the torque can be reduced to prevent over tightening of new pole hardware.

The HW1 and HW1V Hydraulic Impact Wrenches are equipped with a 7/16" hex quick change chuck for use with all major brands of impact bits as well as Greenlee Utility Nut Runner sockets, NR1 & NR2. Additionally, these wrenches feature design improvements that include a handle that reduces heat transfer, improved center-of-gravity for better balance and superior ergonomics, and increased expected service life. This new design is available in both fixed and variable torque models.

[www.greenleeutility.com](http://www.greenleeutility.com)

## Features

- Impact and temperature resistant replaceable polymer grip designed to dissipate heat from the cast handle
- Weight reduction of 14% to previous models
- Improved center-of-gravity for superior ergonomics
- Increased service life with the addition of back-up rings and larger O-rings
- Built-in hydraulic check valve to eliminate damage from an improperly connected tool
- Large and strong lifting eye for easy and secure storage
- Longer and wider trigger provides improved control with insulated gloves
- Discrete position torque adjustment control with 3 positions and quick change access on the variable torque model, (HW1V)
- Fast and easy change between open center systems and closed center systems with no disassembly required
- Higher breaking torque in reverse to ensure you can remove tightened bolts
- Cast motor enclosure that better protects the impact mechanism operation versus competing models with stamped steel enclosure



HW1

## Specifications

	HW1	HW1V
Capacity	7/16" hex	7/16" hex
Maximum Torque	500 ft-lbs @ 8 gpm (677 Nm @ 30 lpm)	500 ft-lbs @ 8 gpm (677 Nm @ 30 lpm)
Minimum Torque	500 ft-lbs @ 8 gpm (677 Nm @ 30 lpm)	160 ft-lbs @ 8 gpm (213 Nm @ 30 lpm)
Weight	6.5 lbs (2.93 kg)	6.6 lbs (2.97 kg)
Length	8.2" (208 mm)	
Width	4.2" (107 mm)	
Height	11.0" (280 mm)	
Hydraulic System	Super Spool Selector for Open and Closed Center Systems	
Flow Range	4-12 gpm (15-46 lpm)	
Optimum Flow Range	5-8 gpm (19-30 lpm)	
Operating Pressure	1000-2500 psi (69-170 bar)	
Pressure Port Thread	9/16-18 SAE O-ring	
Return Port Thread	3/4-16 SAE O-ring	

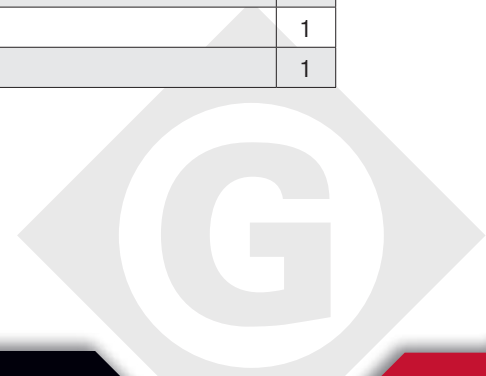


HW1V

## Order Information

CAT NO.	UPC NO.	DESCRIPTION	QTY.
HW1	00373	High torque 1/2" impact wrench with 7/16" hex quick change chuck and 49314 heavy-duty adapter	1
HW1V	00372	High torque 1/2" impact wrench with torque adjustment, 7/16" hex quick-change chuck and 49314 heavy-duty adapter	1
NR1	45798 <b>A</b>	Nut Runner with adapter for 5/8", 1/2", 13/16" & 1" square nuts	1
NR2	20920 <b>A</b>	Nut Runner with adapter for 1", 1-1/8" & 1-5/16" square nuts	1
00376	00376 <b>A</b>	Trigger Guard Kit for HW1 or HW1V	1
49314	49314 <b>A</b>	Heavy Duty 7/16" hex x 1/2" square drive shank	1
54923	54923 <b>R</b>	HTMA Male Coupler: HTMA, 3/4-16 SAE O-Ring Exterior Thread	1
54925	54925 <b>R</b>	HTMA Female Coupler: HTMA, 9/16-18 SAE O-Ring Exterior Thread	1

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**N** = NEW PRODUCT   **R** = REPLACEMENT PART   **A** = ACCESSORY

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