



WELDING TECHNOLOGY

Tool List

Students accepted in the Welding Technology program at Washington County Community College are expected to have certain tools prior to starting school. The tools listed below should be of top quality, but do not have to be a particular brand or brand new. If a student has any questions about this matter, contact your instructor Scott Wheelock at swheelock@wccc.me.edu or by phone at 207-454-1074.

You are expected to bring your equipment to school on opening day.

Required:

1. Leather steel-toed boots – (minimum 8: high)
2. Chipping hammer
3. Two-pound ball peen hammer
4. 2 (two) Vise Grip pliers (11-R 10CR) (No substitutes-must be Vise Grip brand)
5. Safety spectacles w/side shields (prescription, if applicable) (No one will be allowed in welding without the correct glasses.) Make sure safety glasses fit under cutting goggles. (Must meet OSHA and ANSI standards z87.1968)
6. Pliers (diagonal wire cutters 8")
7. 1 (one) large stainless-steel brush
8. 4 - ½" right angle grinder w/extra ¼" grinding wheels
9. Welding gloves (one pair a month will be needed)
10. Torch Lighter (also known as a "Sparker")
11. Leather welding cape-bib and sleeves
12. Mag Lite or Flash Lite
13. Soap stone and holder
14. Wrap-around (large for 3" to 10" pipe)
15. Welding cap
16. 8" Level



Washington County Community College is an equal opportunity/affirmative action institution and employer. For more information; please call Tatiana Osmond, Affirmative Action Officer, at 454-1040

Welding Technology Tool List

Required:

- 17. 16' Steel measuring tape
- 18. 3 (three) pair tig welding gloves
- 19. 4 (four) large steel brushes
- 20. 1 (one) pocketknife
- 21. Half round file 16"
- 22. 1 (one) light cotton welding jacket
- 23. 2 (two) 4 - ½" wire wheels

Approximate tool cost: \$635.00

All of the tools listed above must be purchased from the following companies:

 <p>MAINE OXY Your First Choice for Gases, Welding & Innovative Solutions Since 1929 QUALITY • SERVICE • SAFETY</p> <p>Maine Oxy Supply Co. East-West Industrial Park Brewer, ME 04412 1-800-639-1402</p>	 <p>MATHESON The Gas Professionals</p> <p>Matheson 1122 Hammond St. Bangor, ME 04401 207-942-6393</p>
 <p>Airgas</p> <p>Airgas 305 Target Cir. Bangor, ME 04401 207-262-9458</p>	 <p>True Value</p> <p>Johnsons True Value Hardware 188 North St. Calais, ME 04619 207-454-2551</p>

Following Pages are some welding hood suggestions/ideas for you:

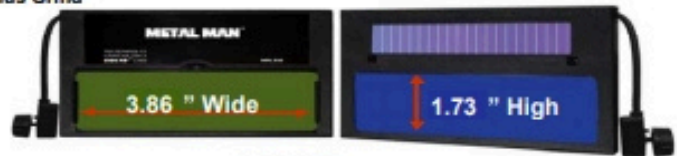
This welding helmet can be purchased from Walmart or Amazon. Price ranges from \$99.00 to \$110.00

METAL MAN[®]

ARF8550SGC Auto-Darkening Welding Helmet



Shade Control
9-13 Plus Grind



5 Point Adjustable Head Gear

DESCRIPTION

The Metal Man "Real Flame" 9-13 Variable Shade AutoDarkening welding helmet plus Grind Mode features a light weight/comfortable design with the graphics to show your style. It features 2 arc sensors and a 3.86" x 1.73" viewing area. Adjust your shade control from 9 to 13. Made to fit right, the 5-point adjustable headgear allows you to make it fit your way. With ANSI and CSA approval, the Metal Man ARF8550SGC Auto-Darkening helmet is safe, functional, and attractive to users.

METAL MAN [®] REPLACEMENT PARTS	
Description	Part No.
• Lens kit (5 Front Cover Lenses)	MLK85
• Headgear	MHGS
• Sweat band	MSB8
• Replacement lens	MRL100
• Retaining wire	MRWB

AVAILABLE WHERE YOU PURCHASED YOUR HELMET OR FROM:
METAL MAN WORK GEAR COMPANY
1760 PROSPECT CT #120
APPLETON WI 54914
www.metalmangear.com
Toll Free 888-782-4248

READ INSTRUCTION MANUAL BEFORE USE

SPECIFICATIONS

Item	Specification
Viewing Area	3.86" x 1.73"
Shade Control	External - Shade 9 to 13 plus Grind
Arc Sensors	2
Darkening Speed	1/25,000 sec.
Lens Power	Solar Power
Head Gear	5-Point Adjustable
Low Amp TIG	10 Amps
Cheater Lens	Standard 2" x 4-1/4" Compatible
Warranty	1 Year Lens Replacement
Shipping Each	14" x 10" x 12" 3 lbs. UPC#857448005766
Shipping Case of 4	26" x 25" x 13" 11 lbs.

Order Part Number: ARF8550SGC

Metal Man Work Gear Co

1760 Prospect Ct Ste 120
Appleton, WI 54914 888-762-4045

METAL MAN[®]



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Hobart Helmet Inventor Reactor

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Specification Description:

Brand: Hobart

Country of Origin: Imported

Features: Helmet has an extra-large 9.3 sq. in. viewing area with wide screen format that provides exceptional visibility. An extra-fast 1/25,000-second reaction time automatically darkens the lens the instant you start welding. Analog controls in the welding helm

Lens Height: 2.36 in.

Lens Width: 3.94 in.

Liner Material: Polyethylene

Primary Color: Multicolor

Product Height: 14 in.

Product Length: 12 in.

Product Weight: 19 oz.

Product Width: 11.8 in.

Shade Designation: 9-13

Shell Material: Polypropylene

Warranty: 2 year

Welding Helmet Type: Auto-Darkening

Size: One size fits all

Manufacturer Part Number: 770876