



CORNWELL® TOOLS

WELDING

WELDERS/CARTS/HELMETS/JACKETS/WIRE



PHOTO INCLUDES

MMWP700DVI

Dual V Plasma Cutter

MMWM142I

Dual Voltage MIG & Flux Welder

MMW58VG

Variable Shade Industrial Welding Helmet

MMWUWC4

HD Welding Cart

All items sold separately

WELDERS



MMWMP251I

MIG Welder & Gun 250amp

The Cornwell MMWMP251I is an inverter-powered, wire feed welder for flux core and MIG welding plus a DC stick welder. It features a Synergic LCD control that allows the operator to select process and weld settings. It comes complete with two regulators and gas hoses for easy connection for MIG welding plus a weld cable and electrode holder for DC stick welding. Directly connect this unit to a 230V NEMA 6-50R receptacle. It is designed to weld materials as thin as 24 gauge all the way up to 1/2" in a single pass. The Spool Gun is capable of welding aluminum with 4" spools of aluminum wire. This unit can also perform lift start DC TIG welding on steel and stainless steel materials with the optional TIG Torch (MMWACTT2V). Argon shielding gas and a TIG filler rod would also be required for TIG welding. This unit is intended to be used on a 50 amp 230V AC circuit, without the use of an extension cord. If an extension cord is necessary for your application, use the appropriate size and length of extension cord that will handle 50 amps the entire length of the extension. We highly recommend talking with a qualified electrician for cord size recommendations. This unit is supplied with a NEMA Class 6-50P plug and will require a NEMA Class 6-50R receptacle. **Do not remove the power plug.**



MMWM142I

120V MIG & Flux Welder

MIG and flux core wire feed welder. Ideal for welding materials from 24 gauge to 3/16". Attached 8.5 foot MIG torch, ground cable/clamp, dual gauge gas regulators and hose. Uses the latest inverter technology to provide high quality welds that are crisp, clean and consistent. 120V, 60Hz/20 amp input power, output range 30A to 140A, 20% duty cycle @90A. Lightweight, only 28 lbs. (WIRE INCLUDED)



MMWM181DVI

Dual Voltage MIG & Flux Welder

Capable of welding solid wire (with shielding gas) or flux core wire. Capable of welding 5/16" steel in a single pass when operating on 230V power. Use the included 120V adapter cord to run this unit off 120V AC power with a single pass MIG welder capacity of 3/16". Features infinite wire feed speed control and voltage control, cooling fan and thermal overload protection. Ideal for use when welding materials from 24 gauge to 5/16". (WIRE INCLUDED)

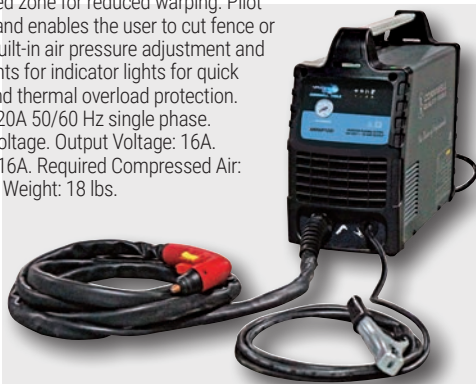
PART NUMBER	INPUT VOLTAGE	INPUT CURRENT (AMPS)	OUTPUT VOLTAGE	OUTPUT CURRENT (AMPS)	DUTY-CYCLE	DIMENSIONS (W x D x H)	WEIGHT (LBS.)
MMWMP251I	230	230V, 50A, 60hz single phase	230	30-250A DC	60% @ 177A /30% @ 250A	37.4" x 17.7" x 28.3"	187
MMWM142I	120	120V, 20A, 60hz single phase	120	30-140A DC	20% @ 90A	25-5/8" x 12-3/4" x 13-5/8"	28
MMWM181DVI	120 230	120V, 20A, 60hz single phase 230V, 28A, 60hz single phase	120 230	30-90A DC w/120 input 30-160A DC w/230 input	40% @ 90A w/120 input 20% @ 160A w/230 input	25-5/8" x 12-3/4" x 17-1/2"	35.25

PLASMA CUTTERS

MMWP125I

120V Plasma Cutter

Cuts mild steel up to 1/8" and all electrically conductive materials. Also cuts with a narrow kerf that results in a smaller heat affected zone for reduced warping. Pilot arc for easy starts and enables the user to cut fence or expanded metal. Built-in air pressure adjustment and gauge, indicator lights for indicator lights for quick trouble shooting, and thermal overload protection. Input power: 120V, 20A 50/60 Hz single phase. 320V open circuit voltage. Output Voltage: 16A. Duty Cycle: 35% @ 16A. Required Compressed Air: 4.5 CFM @ 60 PSI. Weight: 18 lbs.



MMWP700DVI

Dual Voltage PFC Plasma Cutter 45 Amp

The Cornwell MMWP700DVI is a Dual Voltage, DC Inverter Plasma Cutter. It uses new state of the art technology. The output can be adjusted from 15 to 45 Amps. This unit is designed to cut up to 11/16" steel at a travel speed of 10 inches per minute when operating on 230V AC power. Use the included adapter cord to run this unit off 120V AC power for a cutting capacity on steel of up to 1/4" at a travel speed of 10 inches per minute. It cuts all electrically conductive materials. See chart below. It cuts a narrow kerf that results in a smaller heat affected zone for reduced warping. The MMWP700DVI is lightweight (22.58 lbs.), compact, inverter design for greater portability. It has a pilot arc for easy starts and enables the user to cut fence or expanded metal. This unit has a built in air pressure adjustment and gauge, indicator lights for quick trouble shooting and thermal overload protection and now features a built in water separator. The electrode, nozzle, diffuser ring and protective cap are consumable items and available through your Cornwell dealer.



PART NUMBER	INPUT VOLTAGE	INPUT CURRENT (AMPS)	OUTPUT VOLTAGE	OUTPUT CURRENT (AMPS)	DUTY-CYCLE	DIMENSIONS (W x D x H)	WEIGHT (LBS.)
MMWP125I	120	120V, 20A, 60 hz single phase	120	16A	35% @ 16A	16-3/8" x 6-3/4" x 12-5/8"	18
MMWP700DVI	230V 120V	230V, 42A, 50/60hz single phase 120V, 20A, 50/60hz single phase	230 120	15A-45A 15A-23A	50% @45A 35% @23A	23-5/8" x 14" x 14-3/4"	22.58

MMWMP242DVIK

4 in 1 Dual Volt Welder

The Cornwell MMWMP242DVIK is an inverter-powered, dual voltage, wire feed welder for flux core and MIG welding plus a DC stick welder. It features a Synergic LCD control that allows the operator to select process and weld settings. It comes complete with a regulator and gas hose for easy connection for MIG welding plus a weld cable and electrode holder for DC stick welding. Directly connect this unit to a 230V NEMA 6-50R receptacle or attach the supplied 120V adapter cord to operate off of 120V power. It is designed to weld materials as thin as 24 gauge all the way up to 3/8" in a single pass. The Spool Gun is capable of welding aluminum with 4" spools of aluminum wire. This unit can also perform lift start DC TIG welding on steel and stainless-steel materials. Argon shielding gas and a TIG filler rod would also be required for TIG welding.

This unit is intended to be used on a 50-amp 230V AC circuit or 120V, 20A AC circuit, without the use of an extension cord. If an extension cord is necessary for your application, use the appropriate size and length of extension cord that will handle 50 amps the entire length of the extension. We highly recommend talking with a qualified electrician for cord size recommendations. This unit is supplied with a NEMA Class 6-50P plug and will require a NEMA Class 6-50R receptacle. Do not remove the power plug. Use the supplied 120V adapter when running off 120V power.



MMWTIG241I

AC/DC Tig Welder



An inverter powered AC and DC TIG, Pulse TIG and Stick welder. This machine comes complete with a TIG Torch, a foot pedal, regulator/flowmeter with inert gas hose, ground cable and clamp, and an electrode holder with cable. In the DC TIG mode, you are able to TIG weld metals such as steel and stainless steel. In the AC TIG mode, you are able to TIG weld non-ferrous metals. Also includes an advanced settings section that allows you to move into advanced TIG welding including Pulse TIG and TIG sequencer control. The advanced inverter technology provides for better arc control and lower power consumption, in a lighter more portable unit.

PART NUMBER	INPUT VOLTAGE	INPUT CURRENT (AMPS)	OUTPUT VOLTAGE	OUTPUT CURRENT (AMPS)	DUTY-CYCLE	DIMENSIONS (W x D x H)	WEIGHT (LBS.)
MMWMP242DVIK	120 230	120V, 20A, 50/60 Hz single phase 230V, 36A, 50/60 Hz single phase	120 230	69V no load Stick 10-70A DC w/120V input Stick 10-180A DC w/230V input TIG 10-90A DC w/120V input TIG 10-180A DC w/230V input MIG 40-90A DC w/120V input MIG 40-200A DC w/230V input	40% @ 90A w/120V input 20% @ 200A w/230V input	21" x 9.5" x 16.25"	35
MMWTIG241I	230	230V, 35A, 50/60 Hz single phase	230	68V no load DC TIG 5-200A AC TIG 10-200A Stick 5-170A	35% @ 200A	19.75" x 9.5" x 16.125"	43

OXYACETYLENE

MMWCCMD

Medium Cylinder Cart

This medium cylinder cart is easy to assemble and holds up to 9-1/4" acetylene and 7-1/2" oxygen cylinders. This unit comes in two subassemblies for easy shipping. Quick to assemble with 4 nuts & bolts, one axle with two washers and two cotter pins. This cart features a "T" style handle and 7" wheels that make it easy to maneuver. The 14" x 5" x 3" storage box has a cover to keep all your tools and supplies out of the weather. Cable hanger included.



MMW7120

Oxyacetylene Welding Outfit

Medium duty outfit for general purposes. Can weld up to 1/4" and cut up to 1/2". Includes: Torch handle with check valve, cutting attachment, Oxygen and Acetylene regulators, cutting tip, welding nozzle, T-Grade 17.5 foot twin hoses, goggles, and striker.





MMWBAG Helmet Bag

Black cloth drawstring bag. Cornwell® Tools and flame logo silk-screened in white.



ANSI and CSA approved.

PART NUMBER	DESCRIPTION	SHADE	VIEWING AREA	SWITCH TIME	GRIND MODE	UV/IR PROTECTION	AUTO ON/OFF	HEAD GEAR
MMW56VG	Variable Shade Industrial	variable 9-13	3.82" x 1.73"	1/25,000 sec	YES	To shade 16	YES	5 point adjustable
MMW57VG	Variable Shade Industrial	variable 9-13	3.82" x 1.73"	1/25,000 sec	YES	To shade 16	YES	5 point adjustable
MMW58VG	Variable Shade Industrial	variable 9-13	3.82" x 1.73"	1/25,000 sec	YES	To shade 16	YES	5 point adjustable
MMW66VG	Steampunk Design	variable 9-13	3.82" x 2.44"	1/25,000 sec	YES	To shade 16	YES	7 point adjustable
MMW77VG	Variable Shade Professional	variable 5-8/9-13	3.74" x 2.44"	1/25,000 sec	YES	To shade 16	YES	6 point adjustable
MMW811VG	Variable Shade	variable 5-8/9-13	3.82" x 3.19"	1/25,000 sec	YES	To shade 16	YES	7 point adjustable

MMWC2XL

Welding Cart

Designed to hold portable wire welders, plasma cutters and TIG welders. Features a fold down handle for easy towing. It also has a set of cable wraps on each side for easy and safe storage of your welding cables. On-board cylinder rack secures gas cylinders up to 7 inches in diameter. Steel construction with powder coat finish. Capacity: 110 lbs. Overall Dimensions: 32.3" x 18.3" x 29.7".



MMWUWC4

HD Welding Cart

Can be used for MIG, Stick, TIG welders and Plasma cutters along with a cylinder of shielding gas for the application. 400 lb. capacity. Holds one 10" diameter or two 7-1/2" diameter cylinders. Fold down handle. Wrap around cable holders. 8" rear wheels and locking front casters. Removable top cylinder rack for use with industrial wire feeder applications. 18 gauge steel construction and powder coat finish. Shelf dimensions: 14 1/4" x 22 1/2" top shelf and 15 1/2" x 21 7/8" bottom shelf. 18" clearance between bottom and top shelves.



WIRE		
PART NUMBER	DESCRIPTION	DETAILS
MMW53560301	Aluminum Wire 1 lb. .030	A general purpose type aluminum alloy which is typically chosen for it's relatively high shear strength. Also offers excellent corrosion resistance when exposed to salt water. Should be considered for welding 5000 series aluminum base metals.
MMW70S60302	MIG Wire 2 lb. .030	A mild steel welding wire that contains higher levels of manganese and silicon than other standard grades of MIG wire to produce high quality welds when used on dirty, oily, or rusty steel. Requires a shielding gas: Co2 and/or Co2 mix.
MMW70S603011	MIG Wire 11 lb. .030	A mild steel welding wire that contains higher levels of manganese and silicon than other standard grades of MIG wire to produce high quality welds when used on dirty, oil, or rusty steel. Requires a shielding gas: Co2 and/or Co2 mix.
MMW71TGS0302	Flux Core Wire 2 lb. .030	An all-position, single-pass, flux core welding wire designed to weld carbon steel. The unique quality of this product is that you do not have to use a shielding gas.

WELDING JACKET

Vented back. Barracuda collar. Snap front. Dual soapstone/ scribe pockets. Snap cuffs.

MMWJM
Welding Jacket Medium

MMWJL
Welding Jacket Large

MMWJXL
Welding Jacket X-Large

MMWJ2XL
Welding Jacket 2X-Large

3X - 5X
AVAILABLE AS SPECIAL ORDER



MMWMIGSDL

Welders Storage Saddle

Attaches to your welder or bench. Storage size: 3.5" x 12" x 8". Protective flap to keep debris out and protect your contents. Holds anti-splatter spray, nozzle gel, gloves, sleeves, pliers, nozzles, contact tips and other gear for the welder. Easy to attach, uses hook and loop style material for quick attachment. (CONTENTS NOT INCLUDED!)



MMWE60131255P

Stick Elect 5lb 1/8"x14"

A mild-steel, all position, general purpose cellulose-base rod. Operates on AC or DC welding current and works well on low voltage AC machines. An excellent choice where there is poor fit-up in the joint. Deposits easily and smoothly producing medium to shallow penetration. Small sizes are well adapted to low heat on thin metals. Medium to heavy slag is easily removed and provides for excellent weld cleaning action during the welding process. A great selection for all types of mild steel fabrications or repairs where ease of operation and good bead appearance are required.



MMWPLIERS

Mig Welder Pliers

A must have tool for anyone that is using a wire welder. Its pointed jaws have an outside knurl designed to help clean slag from the inside of a nozzle. Specially designed grips allow you to grab a contact tip or a MIG nozzle. Features include: Built-in nozzle cleaner, built-in wire cutter, grip for contact tip removal, grip for nozzle removal and insulated handle.

