



From MIG and TIG welders, plasma cutters or oxygen-acetylene torch kits to protective safety gear and other accessories, Snap-on® has you covered.

**A FUSION OF PERFORMANCE, DURABILITY AND SAFETY.**

Higher-duty cycles and wider amperage ranges let you weld thicker metal such as steel, aluminum and stainless steel – for a longer period of time – than other machines. They last longer, too, thanks to features like copper-on-copper transformer construction, metal wire feeder assemblies and integral cooling fans. We even make operation safer and more comfortable with a wide range of welding helmets, gloves and protective sleeves.

**WELDING**





# SNAP-ON® MUSCLE MIG/MIG WIRE FEED WELDERS

WELDING

## Snap-on® 230 V MIG Welders

Snap-on® MIG Welders have higher duty cycles at maximum amperage providing added weld times and performance that surpasses the competition. Ideal for many applications including automotive repair, collision, heavy duty truck, farm and metal fabrication shops. Added capabilities include a detachable feeder assembly, spot stitch (some models), along with the optional TIG accessory and aluminum spool gun packs.

Wire feed assembly, constructed of precision machined-cast aluminum, features all metal gearing and 800 in/min delivery for consistent wire speeds

Capacitor bank and diode set delivers consistent voltage and industry-leading smooth arc characteristics

All copper wound, tapped transformer features Nomex® insulation and bolted laminations to provide precise voltage control and repeatable welds



## Snap-on® 230 V MIG Welders

Specifications	MIG220	MM250SL	MM350XL
Output Amperage Max (amps)	220	270	350
Duty Cycle Rating	60% @ 185 A	100% @ 185 A	100% @ 300 A
Welding Capacity, Single Pass (in)	5/16	3/8	1/2
Voltage Settings – MIG/TIG	12/4	8/4	8/4
Spot-Stitch	No	Yes	No
Detachable Feeder	No	Yes	Yes
Wire Size (inches)	0.023–0.045	0.023–0.045	0.023–0.063
Torch Length (ft)	10	10	12
Feeder Cable Length (ft)	N/A	15	15
Ground Cable Length (ft)	10	15	25
Power Input Cable Length (ft)	20	20	20
Input Voltage	208/230 V AC, 50/60 Hz 1-ph	208/230 V AC, 50/60 Hz 1-ph	208/230 V AC, 50/60 Hz 1-ph
Input Amperage (recommended)	26/24	26/24	46/42
Gas Regulator-Flowmeter	Yes	Yes	Yes
Warranty*	2 Years	2 Years	2 Years

\*Does not include cable or torch.



- Wear face shield and protective clothing while welding and cutting
- Do not allow bystanders while welding and cutting
- Read safety precautions on pages W1 to W4



## SNAP-ON® MUSCLE MIG/MIG WIRE FEED WELDERS



Snap-on® MIG welders can be used as straight polarity with shielding gas or reverse polarity without shielding gas for flux cored wire. MIG135 is compact and portable for use on the worksite.



### Snap-on® 115 Volt MIG Welders

Specifications	MIG135	MIG140	MM140SL
Output Amperage Max (amps)	135	140	140
Arc Voltage (VDC)	15–18.3	14–26	14–26
Open Circuit Voltage (VDC)	16–24	16–34	18–33
Duty Cycle Rating	20% @ 90 A	60% @ 140 A	100% @ 140 A
Spot-Stitch	No	No	Yes
Welding Capacity, single pass (inches)	3/16	1/4	1/4
Detachable Feeder	No	No	Yes
Ground Cable Length (ft)	8	10	15
Power Input Cable Length (ft)	6	20	20
Input Voltage	115 V AC, 50/60 Hz 1-ph	115 V AC, 50/60 Hz 1-ph	115 V AC, 50/60 Hz 1-ph
Input Amperage (recommended)	20	30	15
Gas Regulator-Flowmeter	Regulator	Yes	Yes
Dimensions (WxDxH, inches)	13 x 19 x 18.3	14-1/2 x 26.3 x 32.3	14-1/2 x 26.3 x 32.3
Warranty*	2 Years	2 Years	2 Years

\*Does not include cable and torch

TECHNICAL SUPPORT 1-800-ABC-WELD

## ACCESSORIES – MIG WELDERS

### MIG Welders/Accessories

Image	Stock No.	Description (Chart)	MM140SL	MM250SL	MM350XL	MIG220	MIG140
	MHG5A	Aluminum Spool Gun Converts welders listed to aluminum welding	n/a	n/a	n/a	opt	opt
	MHG5B	Aluminum Spool Gun Converts welders listed to aluminum welding	opt	opt	opt	n/a	n/a
	CKSTP2125A	DC TIG Pack Adds DC TIG welding capability for welding ferrous metals	n/a	n/a	n/a	opt	opt
	FLEXTIG25	DC TIG Pack Adds DC TIG welding capability for welding ferrous metals	opt	opt	opt	n/a	n/a
	CKS2TK	Twin Cylinder Rack Converts models listed to carry two cylinders	n/a	opt	std	opt	n/a
	CKS15FN1030	Flexible Neck Torch Flexible neck torch for welding exhaust systems	opt	opt	opt	opt	opt



# SNAP-ON® MUSCLE MIG/MIG WIRE FEED WELDERS



## Synergic MIG Welders

- Easy to read LCD display panel and single-knob for selection and adjustments
- Multiple synergic curves allow you to weld a variety of materials and thicknesses
- Preset synergic curves automatically provide the most optimal parameters for each individual situation
- Individual welding parameters and preset by material, thickness, wire type and size along with shielding gas type
- LCD screen shows welding parameters such as current, voltage, recommended thickness, wire speed and wire diameter
- Machine automatically sets heat, wire speed for multiple material thicknesses
- Spot weld and pause features with adjustable on time
- Faster set up time and reduced production times
- Adjustable arc length, inductance, burnback and soft arc starting

### MIG160i Synergic MIG Welder

- Inverter-style wire feed synergic MIG welder with standard steel torch
- MIG welding of steel, stainless-steel and MIG brazing of high-strength and Boron steels
- Welds 5356 and 4047 aluminum with optional aluminum torch
- Complete with regulator-flowmeter

### MIG225i Dual Torch Pulse Synergic MIG Welder

- Inverter-style wire feed synergic MIG features two torches allows for quick changeover time from steel to aluminum
- Welds 5356, 4047 and 5554 aluminum with push-pull torch (standard equipment) that includes a fine current adjustment button
- Aluminum push-pull torch is longer for increased accessibility around the vehicle and contains a drive roller to eliminate wire binding
- MIG welding of steel, stainless-steel and MIG brazing of high-strength and Boron steels with standard steel torch
- Complete with running gear, two regulator-flowmeters and the capability to store two separate gas bottles

### MIG185i Pulse Synergic MIG Welder

- Inverter-style wire feed synergic MIG welder with standard aluminum torch
- Welds 5356 and 4047 aluminum with standard aluminum torch
- MIG welding of steel, stainless-steel and MIG brazing of high-strength and Boron steels with optional steel torch
- Complete with regulator-flowmeter

### Common to MIG225i and MIG185i:

- Includes pulse technology for welding thinner materials without warpage, burn-through or post production cleanup
- Selectable start mode includes a trigger control for Start Current, Slope Time and Crater Fill options
- Hot start option increases current at the beginning of the weld cycle to ensure adequate penetration
- Slope time adjustment controls the amount of time full current is present between Hot Start and Crater Fill options
- Crater fill selection allows user to finish the weld cycle by filling in the weld puddle and eliminates pinholes

Specifications	MIG160i	MIG185i	MIG225i
Power Output, A	20-160	20-185	20-225
Duty Cycle/Rated Output, A	100 @100%	110 @100%	120 @100%
Standard Torch Configuration	Steel	Aluminum	Aluminum/Steel
Ground Cable Length, ft	10	10	11.5
Power Input Cord Length, ft	9	9	9
Power Input, VAC	230	230	230
Input Current, A	20	24	26
Power input, Hz (Single Phase)	50/60	50/60	50/60
Height, in	15	15	38
Width, in	8	8	23
Depth, in	6	18	36
Optional Torch (Steel)	—	MIG1855	—
Optional Torch (Aluminum)	MIG1606	—	—
Machine Weight, lb	24	30	150
Shipping Weight, lb	28	34	176

\*Does not include cable and torch

TECHNICAL SUPPORT 1-800-ABC-WELD



- Wear face shield and protective clothing while welding and cutting
- Do not allow bystanders while welding and cutting
- Read safety precautions on pages W1 to W4





CKS15TG1025



CKS25SG1035



CKSGRFM

## Parts and Consumables – MIG Welders

Stock No.	Description	MIG140	MIG220	MM140SL	MM250SL	MM350XL
CKS15TG1025	10' Cable and MIG Welding Torch (.025" wire)	opt	opt	opt	opt	—
CKS15TG1030	10' Cable and MIG Welding Torch (.030" wire)	std	opt	std	opt	—
CKS15TG1035	10' Cable and MIG Welding Torch (.035" wire)	opt	std	opt	std	—
CKS25SG1035	10' Cable and MIG Welding Torch (.035" wire)	opt	opt	opt	opt	—
CKS15TG1230	12' Cable and MIG Welding Torch (.030" wire)	opt	opt	opt	opt	—
CKS15TG1235	12' Cable and MIG Welding Torch (.035" wire)	opt	opt	opt	opt	—
CKS35XL1235	12' Cable and MIG Welding Torch (.035" wire)	—	—	—	—	std
CKS35XL1245	12' Cable and MIG Welding Torch (.045" wire)	—	—	—	—	opt
CKS15TG1535	15' Cable and MIG Welding Torch (.035" wire)	opt	opt	opt	opt	—
CKS35XL1535	15' Cable and MIG Welding Torch (.035" wire)	—	—	—	—	opt
CKS35XL1545	15' Cable and MIG Welding Torch (.045" wire)	—	—	—	—	opt
CKSM103LB	Cable and MIG Welding Torch Liner (.020-.030" wire)	std	opt	std	opt	—
CKSM123LB	Cable and MIG Welding Torch Liner (.020-.030" wire)	opt	opt	opt	opt	opt
CKSM104LN	Cable and MIG Welding Torch Liner (.030-.045" wire)	opt	std	opt	std	—
CKSM124LN	Cable and MIG Welding Torch Liner (.030-.045" wire)	opt	opt	opt	opt	std
CKSM3TN50	1/2" Adjustable Nozzle	std	std	std	std	—
CKSM6B	Insulated Nozzle Bushing	—	—	—	—	std
CKSM3T2510	Contact Tip (.025" wire)	opt	opt	opt	opt	opt
CKSM3T3010	Contact Tip (.030" wire)	std	std	std	std	opt
CKSM3T3510	Contact Tip (.035" wire)	opt	opt	opt	opt	std
CKSM3T4510	Contact Tip (.045" wire)	opt	opt	opt	opt	opt
CKSM6D	Gas Diffuser	—	—	—	—	std
CKSM3TD	Gas Diffuser	std	std	std	std	—
CKSGRFM	Flowmeter Regulator	std	std	std	std	std
CKSM5C62	Nozzle Cup	—	—	—	—	std
CKSM3TB2	Insulator (2) with O-Ring (6)	std	std	std	std	—
CKSM3TBR3	O-Rings 3 Pack	std	std	std	std	—

std = Standard opt = Optional  
TECHNICAL SUPPORT 1-800-ABC-WELD

## Snap-on® MIG Welder Consumable Kits

Contains a selection of parts to repair Snap-on® MM series, MIG220, MIG140, YA212AIND and FM140A welders along with MHG series spoolguns.

**CKSMPK1 MIG Welder Parts Kit**

- Standard MIG consumables such as contact tips, O-rings, nozzles, insulator and diffuser

**CKSMPK10 MIG Welder Master Parts Kit**

- Contains CKSMPK1 contents along with additional parts for aluminum spool guns



CKSMPK1



CKSMPK10

**Portable MIG Welder Parts and Consumables**

Stock No.	Description	MIG125	MIG135
CKSGR115	Regulator	std	std
MIG023	Contact Tip (.023), 10 ea.	std	std
MIG030	Contact Tip (.030), 10 ea.	opt	opt
MIG035	Contact Tip (.035), 10 ea.	opt	opt
MIG1151	Tapered Nozzle	std	std
MIG1152	Spot Weld Nozzle	opt	opt
MIG1153	Steel Liner	std	std
MIG1154	Nozzle Spring	std	std
MIG1155	9 ft Cable and Torch	—	std
MIG1156	Diffuser	std	std
MIG1157	Teflon® Liner for aluminum wire)	opt	opt
CKS8124700	6 ft Cable and Torch	std	—

std = Standard opt = Optional

**Aluminum Spool Gun/Parts and Consumables**

Stock No.	Description	MHG5A	MHG5B
CKSM5C62	Nozzle Cup	std	std
CKSM5NB	Nozzle Body	std	std
CKSM5B	Insulated Nozzle Bushing	std	std
CKSM35NA62	Nozzle Assembly	std	std
CKSM35D	Gas Diffuser	std	std
CKSMGT2510	Contact Tip (.025) 10 ea.	std	std
CKSMGT3510	Contact Tip (.035) 10 ea.	std	std
CKSMGT36410	Contact Tip (3/64) 10 ea.	opt	opt
CKS404330	Aluminum Wire (Size .030) 1 lb	opt	opt
CKS404335	Aluminum Wire (.035) 1 lb	std	std
CKS4043364	Aluminum Wire (Size 3/64") 1 lb	opt	opt

std = Standard opt = Optional

**TIG Pack/Parts and Consumables**

Stock No.	Description	CKSTP2125A	FLEXTIG25
CKS3T332	Tungsten 3", size 1/16"	std	std
CKS3C332	Collet for 3/32" Tungsten	std	std
CKS3T116	Tungsten 3" – size 1/16"	—	std
CKS3C116	Collet for 1/16" Tungsten	—	std
CKS3T418	Tungsten 3" – size 1/8"	std	opt
CKS3C418	Collet for 1/8" Tungsten	std	opt
CKS3CB116	Collet Body for 1/16" Tungsten	—	std
CKS3CB332	Collet Body for 3/32" Tungsten	std	std
CKS3CB418	Collet Body for 1/8" Tungsten	std	opt
CKSTIGSHARP	Chemical Tungsten Sharpener	opt	opt

std = Standard opt = Optional


**Snap-on® TIG Welder Accessories/Consumables**

Stock No.	Description	TIG130i	TIG150i	TIG255i
TIGINVFS	Remote Foot Switch	—	std	std
CKSGRFM	Flowmeter Regulator	std	std	std
TIG130GCA	Ground Cable Complete	std	—	—
TIG130TA	Torch Assembly	std	—	—
TIG150GCA	Ground Cable Complete	—	std	std
TIG150TA	Torch Assembly	—	std	—
TIG255TA	Torch Assembly	—	—	std
CKSKITTIG250	Consumable Kit	std	std	std
TIGINVRAD	Clip On Torch Amperage Control	—	opt	opt
TIG250FP	Remote Amperage Control	—	—	—
TIGINVFP	Foot Pedal Amperage	—	opt	opt
TIG250EH	Stick Electrode Holder	—	opt	opt
TIG250HC25	Leather Cable Cover	—	opt	opt
TB60	Tote Bag	opt	—	—
TIG130EH	Stick Electrode Holder for TIG130i	opt	—	—

 std = Standard opt = Optional  
 TECHNICAL SUPPORT 1-800-ABC-WELD


- Wear face shield and protective clothing while welding and cutting
- Do not allow bystanders while welding and cutting
- Read safety precautions on pages W1 to W4



## TIG WELDERS

### Snap-on® TIG Welders

Common to TIG150i and TIG255i

- Welding Process Versatility: select between AC TIG, DC TIG or Stick Electrode welding options
- AC or DC TIG Functionality: Choose between TIG modes for non-ferrous metals using AC TIG, or for ferrous metals using DC TIG
- Amperage Control: fine adjustment range to weld extremely thin materials to maximum thicknesses
- TIG 2 or 4 stage continuous and pulse modes
- AC Balance Adjustment: penetration, balanced and cleaning
- Pulse and background amperage adjustment
- AC frequency adjustment
- Upslope/Downslope as well as post as flow adjustment
- High frequency/scratch starting modes



TIG130i



TIG150i



TIG255i

Specifications	TIG130i	TIG150i	TIG255i
Torch	Gas Cooled	Gas Cooled	Water Cooled
Input Voltage, V AC	115/230	208/230	208/230
Input Current, A	15/20	30	30
Output Current, A	10–110/10–130	5–150	5–220
Duty Cycle	60% @ 80 A/60% @ 90 A	60% @ 110 A	100% @ 160 A
Torch Length, ft	12	25	25
Ground Cable Length, ft	12	25	25
Power Cord Length, ft	8	12	8
Shipping Weight, lb (kg)	17 (8)	57 (26)	180 (82)

#### TIG130i Portable TIG welder

- Lightweight portable DC TIG welder designed to join steel and stainless-steel
- Amperage range of 10–130 amps for a variety of welding applications
- Dual voltage input capability of 115–230 V
- Suitable for use with power generating equipment
- Comes complete with a power supply, torch, ground cable, regulator and tote bag

#### TIG150i TIG Welder

- Full featured 150 A TIG welder that is ideal for everyday shop use

#### TIG255i TIG Welder

- Full featured 255 A TIG welder with a water-cooled torch for longer weld times, cooler operation and enhanced dexterity
- Ideal for production welding environments

## WELDING ACCESSORIES



YA427B

#### YA427B Welding Gloves (Blue-Point®)

- Helps protect hands from sparks when welding
- Leather construction with added insulation for heat protection
- Reinforced palm for durability



YA4282

#### YA4282 TIG Welding Gloves (Blue-Point®)

- Ideal for TIG welding processes
- Pigskin material for precise control
- Helps protect hands from heat and sparks
- Thick leather cuff for wrist protection



YA4280

#### YA4280 Welding Sleeves (Blue-Point®)

- Helps protect arms from sparks when welding or cutting
- Elastic bands at each end of sleeve
- Constructed of flame retardant fabric

#### WELDCAP Weld Cap

#### WELDGLOVE Weld Glove

#### WELDJACKET Weld Jacket



## Standard Duty Plasma Cutter

Specifications	PLASMA20i	PLASMA30i	PLASMA60i
Output Current, (amps)	5-20	5-25	20-55
Cut Thickness (in)	1/4	3/8	3/4
Sever Thickness (in)	3/8	1/2	1
Primary Input, (V)	115 V AC, 50/60 Hz	115 or 230 V AC, 50/60 Hz	208/230 V AC, 50/60 Hz
Primary Input, (A)	20	30 A 115 V or 20 A 230 V	40 A
Duty Cycle Rating	100% @ 15 A	100% @ 19 A	100% @ 30 A
Compressed Air Requirements (min)	50 PSI @ 5 CFM	50 PSI @ 7 CFM	68 PSI @ 7 CFM
Torch Cable Length (ft)	12	12	18
Ground Cable Length (ft)	12	12	18
Net Weight, lb (kg)	22 (10)	29 (13)	44 (20)

## PLASMA CUTTERS CONSUMABLES



## Plasma Cutter Consumables

Description	PLASMA115	PLASMA230	PLASMA25	PLASMA50	PLASMA20i	PLASMA30i	PLASMA60i
Complete Torch Assembly	PLASMA1153	PLASMA23010	PLASMA2503	PLASMA5007	PLASMA2007	PLASMA3007	PLASMA5007
Metal Diffuser	-	-	PLASMA5005*	PLASMA5005*	-	-	PLASMA5005*
Short Nozzle (1 mm) 30-35 A	PLASMA2301†	PLASMA2301†	-	-	-	-	-
Electrode	PLASMA1151†	PLASMA2305†	PLASMA5004†	PLASMA5004†	PLASMA2004†	PLASMA3004	PLASMA5004†
Long Electrode	PLASMA1152*	PLASMA2307†	-	-	-	-	-
Nozzle (0.7 mm)	-	-	-	-	PLASMA2002†	PLASMA3002†	-
Nozzle (1.1 mm) 55A	-	-	PLASMA5002†	PLASMA5002†	-	-	PLASMA5002†
Long Nozzle (0.9 mm) 35 A	PLASMA2308†	PLASMA2308†	-	-	-	-	-
Long Nozzle (1 mm) 35-50 A	PLASMA2302**	PLASMA2302**	-	-	-	-	-
Nozzle Holder	PLASMA2304	PLASMA2304	PLASMA5001	PLASMA5001	PLASMA2001	PLASMA3001	PLASMA5001
Spacer Spring	-	PLASMA2309†	-	-	-	-	-
Swirl Ring	PLASMA23031	PLASMA23031	PLASMA5003*	PLASMA5003*	PLASMA2003*	PLASMA3003*	PLASMA5003*
Torch Head Body	-	PLASMA23011	PLASMA5006	PLASMA5006	PLASMA2006	PLASMA3006	PLASMA5006
Two Point Spacer	-	-	PLASMA2504	PLASMA2504	-	-	PLASMA2504

One each per package unless otherwise noted

\*Two each per package

\*\*Three each per package

†Five each per package



- Wear face shield and protective clothing while welding and cutting
- Do not allow bystanders while welding and cutting
- Read safety precautions on pages W1 to W4



## GAS WELDING



WE200A



WE250A

### Gas Welding

Use for auto repair, construction, fabrication, manufacturing and maintenance Forged brass regulator is durable and strong

- Regulator diameter 2-1/4" allows precise control of gas
- Internal filter keeps particles from entering regulator
- PTFE Teflon® seal
- Handle shut off valve color coding allows ease in identifying the corresponding gas control
- 2 piece cutting tip is easier to clean
- High quality hose offers reduced tear resistance and increased flexibility

Stock No.	Description	Set Contains:	
		WE200A	WE250A
HRC1401340	85 Weld Handle w/ Check Valves	std	std
HRC1300380	72-3 Cut Attach	std	std
HRC9100614	D-85 Weld Mixer	std	std
HRC4300499	Twin Hose	std	std
HRC4304482	Cover Goggle	std	std
HRC9004486	Striker	std	std
WE200A1	Oxygen Regulator (Blue-Point®)	std	—
WE200A2	Acetylene Regulator (Blue-Point®)	std	—
WE250A1	Oxygen Regulator (Blue-Point®)	—	std
WE250A2	Acetylene Regulator (Blue-Point®)	—	std
HRC1502172	6290-1 #1 AC Cut Tip	std	std
HRC1600890	23-A-90-5 #5 Weld Tip	std	std
HRC1600870	23-A-90-3 #3 Weld Tip	std	std
HRC1600850	23-A-90-1 #1 Weld Tip	std	std

std = Standard opt = Optional

### Optional Accessories

- HRC1502171 6290-0AC #0AC Cut Tip
- HRC1502173 6290-2AC #2AC Cut Tip
- HRC1502174 6290-3AC #3AC Cut Tip
- HRC1800710 J-63-1 Heating Assembly
- HRC4302202 Torch Flash Arrestor (Pair)
- HRC9000160 E-9 Tip Cleaner (2 pc tip)
- HRC9004484 Replacement Flints

#### WE200A Standard Duty Welding Kit (Blue-Point®)

- Use for Auto Repair, Construction, Fabrication, Manufacturing and Maintenance
- Cuts up to 1" and welds up to 1/8". Cuts up to 4" and welds up to 1/2" with optional tips

#### WE250A Medium Duty Welding Kit (Blue-Point®)

- Use for Auto Repair, Construction, Fabrication, Manufacturing and Maintenance
- Cuts up to 5" and welds up to 1/2" with optional tips

## SOLDERING

### Butane Soldering Iron Kit (YAKS32A)

Versatile and Compact Professional Soldering Iron Kits

- Featuring an ultrasonically welded gas tank for better strength, safety and reliability and made with butane compatible plastics to prevent gas from leaking
- Kits include five soldering tips plus hot air, hot knife and air deflector tips
- Converts to a heat shrink tool and hot knife with the addition of interchangeable tips



YAKS32A



YAKS32A

#### YAKS32A Butane Soldering Iron Kit (15-125 W)

- Versatile and compact professional soldering iron
- Featuring an ultrasonically welded gas tank for better strength, safety and reliability
- Made with butane compatible plastics to prevent gas from leaking
- Converts to a heat shrink tool and hot knife with the addition of interchangeable tips
- Push-button electronic ignitor
- Kit includes eight tips: Hot air, heat shrink, torch, hot knife with four soldering tips

#### YAKS32A Butane Soldering Iron

- Includes YAKS1-6 2.4 mm double flat soldering tip
- Push-button electronic ignitor
- Torch and soldering iron all in one
- Run time 90 minutes plus continuous use
- Adjustable temperature control 25-125 W (equivalent)

Stock No.	Description	Size, inches (mm)
YAKS1-1	Single Flat Solder Tip	1/32 (1.0)
YAKS1-2	Single Flat Solder Tip	3/32 (2.4)
YAKS1-3	Single Flat Solder Tip	1/8 (3.2)
YAKS1-4	Single Flat Solder Tip	3/16 (4.8)
YAKS1-5	Double Flat Solder Tip	1/32 (1.0)
YAKS1-6	Double Flat Solder Tip	3/32 (2.4)
YAKS1-7	Double Flat Solder Tip	1/8 (3.2)
YAKS1-8	Double Flat Solder Tip	3/16 (4.8)
YAKS1-9	Hot Air Blower Tip	—
YAKS1-10	Hot Knife Tip	—
YAKS1-11	Plastic Case	—
YAKS112	Hot Air Blower Deflector	—
YAKS113	Hot Air Blower and Deflector Tip	—



### Butane Soldering Iron Kit (YAKS22A)

Versatile and Compact Professional Soldering Iron Kits

- Featuring an ultrasonically welded gas tank for better strength, safety and reliability and made with butane compatible plastics to prevent gas from leaking
- Kits include five soldering tips plus hot air, hot knife and air deflector tips
- Converts to a heat shrink tool and hot knife with the addition of interchangeable tips

#### YAKS22A Butane Soldering Iron Kit (15–75 W)

- Convenient storage/carrying case that includes seven multi-use tips: (5) soldering, (1) hot knife and (1) air deflector
- Useful in standard soldering, plastic cutting, and heat shrink tubing applications
- Includes 15–75 W Soldering Iron

#### YAS22A Gas Soldering Auto-Ignition Tool (15–75 W)

- Stand alone Soldering Tool
- Ultrasonically welded gas tank for better strength, safety and reliability
- Built from butane-compatible plastics to prevent gas leakage or early expiration
- Push button electronic ignitor
- Short distance from tip to grip gets you closer to your work
- ESD safe (antistatic)



YAKS22A

Stock No.	Description	Size, inches (mm)
YAKS221	Single Flat Solder Tip	1/32 (1.0)
YAKS222	Single Flat Solder Tip	3/32 (2.4)
YAKS223	Single Flat Solder Tip	1/8 (3.2)
YAKS224	Single Flat Solder Tip	3/16 (4.8)
YAKS225	Double Flat Solder Tip	1/32 (1.0)
YAKS226	Double Flat Solder Tip	3/32 (2.4)
YAKS227	Double Flat Solder Tip	1/8 (3.2)
YAKS228	Double Flat Solder Tip	3/16 (4.8)
YAKS229	Hot Air Blower Tip	—
YAKS2210	Hot Knife Tip	—
YAKS2211	Hot Air Deflector	—
YAKS2212	Flame Tip	—
YAKS2213	Hot Air Blower/Deflector Tip	—
YAKS2214	Instruction Sheet	—
YAKS2215	Storage Case	—

### Butane Soldering Iron Kit (YAKS300)

Versatile and Compact Professional Soldering Iron Kits

- Featuring an ultrasonically welded gas tank for better strength, safety and reliability and made with butane compatible plastics to prevent gas from leaking
- Kits include five soldering tips plus hot air, hot knife and air deflector tips
- Converts to a heat shrink tool and hot knife with the addition of interchangeable tips

#### YAKS300 Butane Soldering Iron Kit (50 W) (Blue-Point®)

- A robust economy model featuring an ultrasonically welded gas tank for better strength
- Butane compatible plastics helps prevent gas from leaking
- 12-month replacement warranty
- Easy to light with added flint igniter in the cap
- 50 W equivalent with a 30-minute continuous use run time
- Safety cutoff switch when cap is replaced
- Cordless butane powered; no cords or wires
- Kit includes YAS300 Butane Soldering Iron, tips and a case

#### YAS300 Butane Soldering Iron (Blue-Point®)

- A robust economy model featuring an ultrasonically welded gas tank for better strength
- Butane compatible plastics helps prevent gas from leaking
- Includes YAKS3004 4.8 mm Double Flat tip
- Easy to light with added flint igniter in the cap
- 50 Watts equivalent with a 30 minute continuous use run time
- Safety cutoff switch when cap is replaced
- Cordless butane powered - no cords or wires
- Spare tips available
- 12 month replacement warranty



YAKS300

Stock No.	Description	Size, inches (mm)
YAKS3002	Fine Solder Tip	1/8 (3.2)
YAKS3003	Chisel Solder Tip	1/8 (3.2)
YAKS3004	Double Flat Solder Tip	3/16 (4.8)
YAKS3005	Hot Knife Tip	—
YAK10-8	Hot Iron Stand	—
YAK10-9	Metal Sponge Cup	—
YAK10-10	Storage Case	—
YAKS3001	Heating Element	—

### Kit Comparison YAKS22A, YAKS32A, and YAKS300

Specifications	YAKS22A	YAKS32A	YAKS300
Adjustable Temperature Control	Yes	Yes	Yes
ESD Safe	Yes	Yes	Yes
Size, inches (mm)	—	—	—
Max. Power (watts equivalent)	75	125	50
Push Button Igniter	Yes	Yes	No
Run time, mins	60	90	30
Tips Included	8	8	4



- Do not store butane at temperature over 120 °F
- Transport and dispose of butane in accordance with all regulations
- Read safety precautions on pages W1 to W4





R460B

### Guns

#### R460B Heavy Duty Soldering Gun Kit (Blue-Point®)

- Heavy duty soldering gun for those big jobs, quick and efficient
- Built-in spotlight illuminates the work area
- Balanced tool design is more comfortable and easier to use
- Tip heats up in less than ten seconds
- Quick change type tips can be easily changed within 30 seconds
- Integral tool stand keeps heated part of the tool from damaging surrounding areas
- Packed in a plastic storage case
- UL® listed



R490

#### R490 Industrial Soldering Gun (Blue-Point®)

- Dual wattage elements: high wattage heats tip in seconds, lower wattage maintains rated tip temperature
- Effective tip temperature of 1,000 °F or more for heavy duty, sustaining soldering
- Trigger activated control is convenient, easy to use and provides instant response
- Built-in worklight illuminates the work area
- Plug-in tip and element (TE) assemblies are plug in units that can be changed within a minute
- Integral tool stand prevents heated part of tool from damaging surrounding areas
- Plastic storage case
- UL® listed



R25A

### Irons

#### R25A Industrial Soldering Kit

- Lightweight 25 W pencil style kit for fine soldering applications
- Threaded tips offer improved heat exchange
- Features a heat deflection shield, 4-3/4" long handle, 8-1/2" overall length and 8' power cord
- Includes pointed, chisel and fine tips plus 1/2 oz of lead-free rosin core solder and holder
- UL® listed
- 120 V, 60 Hz



R40B

#### R40B Industrial Soldering Kit

- 40 W solder iron is ideal for large solder jobs like battery terminal cables or radiator repair
- Threaded tips offer improved heat exchange compared to set screw types
- Features a heat deflection shield, 4-3/4" long handle, 8-1/2" overall length and 8' power cord
- Includes pointed, chisel, fine tips, 1/2 oz of lead-free rosin core solder and holder
- UL® listed
- 120 V, 60 Hz



R60B

### Stations

#### R60B 60 W Soldering Station (Blue-Point®)

- Includes low voltage, temperature-controlled soldering pencil that features a heat shield, a non-burnable silicone rubber cord and a plug-in tip design
- Transformer powered
- 700 °F; 1/16" screwdriver tip included
- 120V, 60 Hz
- Optional 700 °F tips for R60B or RH60B

### Miniature Butane Soldering Torches

#### TORCH2A Turbo Torch (Blue-Point®)

- Child-resistant Piezo Ignition System
- Instant 1,300 °C/2,400 °F Micro Flame
- Pocket size
- Internal fuel tank
- 20 minutes of continuous use per refilling

#### TORCH300 Butane Gas Torch

##### TORCH300G Green, TORCH300O Orange, TORCH300Y Yellow

- Single-handed design and operation for maximum flexibility
- Ultrasonically-welded gas tank in combination with robust burner head built of stainless-steel and ceramic materials provides unmatched durability
- Ergonomic rubberized grip conforms to the hand
- Twin-spark ignition ensures that torch lights the first time, every time
- Powerful multi-directional flame can be utilized upside down and in windy conditions
- Easily adjustable flame length—up to 3-1/2"
- Self-venting filling valve for fast refueling

#### TORCH400 High-Power Butane Gas Torch

##### TORCH400G Green, TORCH400O Orange, TORCH400Y Yellow

- Single-handed design and operation for maximum flexibility
- Ultrasonically-welded gas tank in combination with robust burner head built of stainless-steel and ceramic materials provides unmatched durability
- Ergonomic rubberized grip conforms to the hand
- Twin-spark ignition ensures that torch lights the first time, every time
- Powerful multi-directional flame can be utilized upside down and in windy conditions
- Easily adjustable flame length—up to 4-1/2"
- Self-venting filling valve for fast refueling


**TORCH2A**

**TORCH300**

**TORCH400**

### SOLDERING ACCESSORIES

### Butane Fuel Cans

#### BUTANE15CSA Butane Fuel (Blue-Point®)

- Triple filtered butane fuel for use with TORCH2A, TORCH3A, TORCH4 and TORCH6 mini torches – YAKS300, YAKS32A and YAKS22A soldering irons – GLUEGUN3 and GLUEGUN4KT glue guns
- Universal filling tip can be used with most refillable butane products as well
- Case of (24) 1.5 oz cans


**BUTANE15CSA**

**TZK5**

**TZK7**

### Tweezers

#### TZK5 5 pc Tweezers Set (Blue-Point®)

- Includes five tweezers in a vinyl zipper pouch
- All stainless-steel construction
- Pointed tweezers with plain ends, 4-3/8" long
- Self-closing tweezers with plain ends, 4-1/2" long
- Self-closing, weighted solder tweezers with serrated blunt end, 7" long
- Sharp point utility tweezers with bent plain ends, 7" long
- Sharp point utility tweezers with plain ends, 7" long

#### TZK7 7 pc Tweezers Set (Blue-Point®)

- Includes seven tweezers in a black vinyl zipper pouch
- All stainless-steel construction
- Pointed tweezers, 4-3/8" long
- Curved head utility tweezers, 6-3/4" long
- Self-closing, heat-resistant tweezers, 6" long
- Sharp pointed utility tweezers, 7" long
- Side locking tweezers, 6" long
- Spade point tweezers, 4-3/8" long
- Weighted solder tweezers, 6" long



- Do not store butane at temperature over 120 °F
- Transport and dispose of butane in accordance with all regulations
- Read safety precautions on pages W1 to W4



## SOLDERING ACCESSORIES



YA476A



YA477A

### Solder Suckers

#### YA476A Small Solder Sucker (Blue-Point®)

- Low static, small capacity unit designed for standard desoldering applications
- Set plunger and release creates a vacuum that draws up solder
- Includes self-cleaning feature

#### YA477A Solder Sucker (Blue-Point®)

- Low static unit designed for desoldering electrostatic discharge sensitive components
- Set plunger and release creates a vacuum that draws up solder



MPC7A



MPS7A



MPK4A

### Miniature Tools/Pliers

Mini-Pliers. Stainless steel, 3 notch ratcheting locking mechanisms lock onto small objects with varying degrees of pressure. 1/16" tips; 13/8" long jaws.

#### MPC10A 10" Curved Jaw Mini-Pliers (Blue-Point®)

- Curved, serrated jaws
- 10" long

#### MPC7A Mini-Pliers (Blue-Point®)

- Curved, serrated jaws
- 7" long

#### MPK4A Mini-Pliers Set (Blue-Point®)

- MPC7A and MPC10A plus MPS7A and MPS10A (4 pc) in black zipper pouch

#### MPS10A Mini-Pliers (Blue-Point®)

- Straight, serrated jaws
- 10" long

#### MPS7A Mini-Pliers (Blue-Point®)

- Straight, serrated jaws
- 7" long

## WELDING STORAGE



KRBC60T



KRBC60TEXT



MIGCARTB

### Welding Storage

#### KRBC60T Welding Workstation Cart

- 3/8" plate steel work surface
- Four dual-purpose mounting locations serve as accessory mount and wand holder
- HD textured black matte finish
- Large locking compartment stores two welders
- Slots-n-dots™ rear panel accommodates many accessories
- Three drawers with liners and high quality roller bearing slides
- Three large cord hooks included extra hook kits available
- 50-3/4" W x 25-3/4" D x 37-1/2" H
- 1,000 lb load capacity

#### KRBC60TEXT Welding Cart Side Cabinet

- Mounts directly to current KRBC60T Welding cart
- Creates 50% additional steel work surface (500 in<sup>2</sup>)
- Rear and side panels have Slots-N-Dots™ for mounting additional accessories
- Cord slot in back for better organization of cords and plugs
- Storage compartment (25 x 15 x 25"); perfect to add a plasma cutter
- 4" drawer (24.5 x 15.6 x 4.1")

#### MIGCARTB Welding/Plasma Cart - Single Tank

- Store MIG/TIG Welders and Plasma Cutters along with accessories and consumables
- Sturdy design has a total weight limit of 165 lb
- Top shelf is 21.0" x 13.8"
- Stores a single cylinder of shielding gas

#### MIGCARTDL Welding/Plasma Cart - Single/Dual Cylinder

- Store MIG/TIG Welders and Plasma Cutters along with accessories and consumables
- Sturdy design has a total weight limit of 350 lb
- Top shelf is 23.0" x 17.4"
- Stores two cylinders of shielding gas

**Welding Helmets (Auto Darkening)**

Auto darkening welding helmets are triggered automatically by UV light sources. Some models have adjustable sensitivity for various light conditions and an adjustable delay setting to maintain dark state for extended periods of time. Fixed shade helmets offer a fixed #10 shade triggered automatically by UV light. Clear shade provides operator visibility to line up work prior to welding.


**EFPGREENSKL**

**EFPBLACKICE**

**EFP2MORBID**

**YA4601**

Specifications	EFPGREENSKL	EFPBLACKICE	EFP2MORBID	YA4601
Shade	#9-13	#9-13	#9-13	#9-13
Sensitivity	Yes	Yes	Yes	Adjustable
Delay	Yes	Yes	Yes	Adjustable
Clear Shade	4	4	4	#3.5
Viewing Area (in)	3.62 x 1.42	3.62 x 1.42	3.82 x 1.85	3.81 x 2.40
Viewing Area (in?)	23	23	40	9.14
Number of Sensors	2	2	4	4
Delay Time(s)	Adjustable	Adjustable	Adjustable	0.2-1.0
Switching Speed (ms)	.3	.3	.08	0.04
Power Supply	CR2450 Replaceable	CR2450 Replaceable	Lithium Ion (Auto On/Off)	Solar-Lithium
Applicable Standards	CE, CSA®, ANSI®	CE, CSA®, ANSI®	CE, CSA®, ANSI®	ANSI®, CE, DIN, EN, CSA®, AS/NZS
Optional Magnifying Lens	1.0, 1.5, 2.0, 2.5	1.0, 1.5, 2.0, 2.5	1.0, 1.5, 2.0, 2.5	YA4600MAGKT
Warranty	2 Year (ADF) 1 Year (all others)	2 Year (ADF) 1 Year (all others)	2 Year (ADF) 1 Year (all others)	2 Year


**YA4606**

**YA4608**

**YA4609**

**YA4610**

**YA4611**

**YA4612**

**YA4613**

Specifications	YA4606	YA4608	YA4609	YA4610	YA4611	YA4612	YA4613
Shade	Auto Darkening 5-8 / 9-13	Auto Darkening 5-8 / 4-13 Digital Controls	Auto Darkening 5-8 / 4-13	Auto Darkening #9-13 External Control	Auto Darkening 5-8 / 9-13 Digital Controls	Auto Darkening 5-8 / 9-13	Auto Darkening 5-8 / 9-13
Sensitivity	Adjustable Knob	Digital Adjustment	Adjustable Knob	Adjustable Knob	Digital Adjustment	Adjustable Knob	Adjustable Knob
Delay	Adjustable Knob	Digital Adjustment	Adjustable Knob	Adjustable Knob	—	—	Adjustable Knob
Clear Shade	#3.5	#3.5	#3.5	#3.5	#3.5	#3.5	#3.5
Viewing Area	3.74 x 3.35	3.82 x 2.44	3.74 x 3.35	3.86 x 1.73	3.81 x 2.40	3.74 x 3.35	3.74 x 3.35
Viewing Area 2	12.53	9.32	12.53	9.14	9.32	12.53	12.53
Number of Sensors	4	4	4	2	4	4	4
Delay Time(s)	0.1-1.0	0.1-1.0	0.1-1.0	0.1-1.0	0.1-1.0	0.1-1.0	0.1-1.0
Switching Speed (ms)	1/25,000	1/25,000	1/25,000	1/16,000	1/25,000	1/25,000	1/25,000
Power Supply	Solar Cell, Battery Replaceable (2xCR2450 lithium battery)	Solar Cell, Battery Replaceable (1xCR2450 lithium battery)	Solar Cell, Battery Replaceable (1xCR2450 lithium battery)	Solar Cell + Battery Replaceable (2* AAA Alkaline)	Solar Cell, Battery Replaceable (1xCR2450 lithium battery)	Solar Cell, Battery Replaceable (1xCR2450 lithium battery)	Solar Cell, Battery Replaceable (1xCR2450 lithium battery)
Applicable Standards	ANSI®, CE, CSA®	ANSI®, CE, CSA®	ANSI®, CE, CSA®	ANSI®, CE, CSA®	ANSI®, CE, CSA®	ANSI®, CE, CSA® Approval	ANSI®, CE, CSA® Approval
Optional Magnifying Lens	YA4600MAGKT	YA4600MAGKT	YA4600MAGKT	YA4600MAGKT	YA4600MAGKT	YA4600MAGKT	YA4600MAGKT
Warranty	2 Years	3 Years	2 Years	1 Year	3 Years	2 Years	2 Years



- Wear welding helmet and protective clothing while welding and cutting
- Do not allow bystanders while welding and cutting
- Read safety precautions on pages W1 to W4



## WELDING HELMETS

### Welding Helmets (Fixed Shade)

- Made of nylon material
- Helmet is much more flexible to get into tighter spaces
- Additional 1-1/4" of material on top of helmet for more coverage
- Cooler for the user as it will not heat up as much as ABS version
- Lighter weight and much more resistant to heat
- CE-English only



EFPBONEHEDB



EFPDISORDER



EFPKULLMIX



EFPHANNIBALB



YA4603



YA4605

Specifications	EFPBONEHEDB	EFPDISORDER	EFPKULLMIX	EFPHANNIBALB	YA4603	YA4605
Lens Style	180° Peripheral	180° Peripheral	180° Peripheral	180° Peripheral	—	—
Shade	#10	#10	#10	#10	#10	Fixed Shade
Viewing Area (in <sup>2</sup> )	35.6	35.6	35.6	35.6	5.26	9.14
Applicable Standards	ANSI®	ANSI®	ANSI®	ANSI®	ANSI®, CE, DIN, EN, CSA®, AS/NZS	ANSI®, CE, CSA®
Lens (included)	EFPCLLENSREP	EFPCLLENSREP	EFPCLLENSREP	EFPCLLENSREP	—	—
Opt. Magnifying Lens 1.0x	EFPADFCSTR10	EFPADFCSTR10	EFPADFCSTR10	EFPADFCSTR10	—	—
Opt. Magnifying Lens 1.5x	EFPADFCSTR15	EFPADFCSTR15	EFPADFCSTR15	EFPADFCSTR15	—	—
Opt. Magnifying Lens 2.0x	EFPADFCSTR20	EFPADFCSTR20	EFPADFCSTR20	EFPADFCSTR20	—	—
Opt. Magnifying Lens 2.5x	EFPADFCSTR25	EFPADFCSTR25	EFPADFCSTR25	EFPADFCSTR25	—	—
Opt. Auto Darkening Lens	EFPADFLENSA	EFPADFLENSA	EFPADFLENSA	EFPADFLENSA	—	—
Shield Included	Clear and #10 Welding	Clear and #10 Welding	Clear and #10 Welding	Clear and #10 Welding	—	—
Warranty	1 Year	1 Year	1 Year	1 Year	1 Year	—
Replacement Shields	EFPCLLENSREP (Clear); EFP3WLDLENS (#3 Welding); EFP5WLDLENS (#5 Welding); EFP8WLDLENS (#8 Welding); EFP10WLDLENS (#10 Welding); EFP12WLDLENS (#12 Welding)	EFPCLLENSREP (Clear); EFP3WLDLENS (#3 Welding); EFP5WLDLENS (#5 Welding); EFP8WLDLENS (#8 Welding); EFP10WLDLENS (#10 Welding); EFP12WLDLENS (#12 Welding)	EFPCLLENSREP (Clear); EFP3WLDLENS (#3 Welding); EFP5WLDLENS (#5 Welding); EFP8WLDLENS (#8 Welding); EFP10WLDLENS (#10 Welding); EFP12WLDLENS (#12 Welding)	EFPCLLENSREP (Clear); EFP3WLDLENS (#3 Welding); EFP5WLDLENS (#5 Welding); EFP8WLDLENS (#8 Welding); EFP10WLDLENS (#10 Welding); EFP12WLDLENS (#12 Welding)	—	—

## WELDING ACCESSORIES



EFPADFLENSA

### EFP Series Welding Lenses

Optional auto darkening lens available for all EFP series helmets

#### EFPADFLENSA Auto Darkening Lens

- The world's first and only unobstructed ADF integrated, 180° peripheral vision ADF welding lens
- Has a military grade anti-scratch coating to help prevent scratching
- ADF Lens is easily replaced
- Viewing Area: 4-1/4 x 2"
- Power supply: solar lithium combo
- One year warranty

### Magnifying Lens

#### YA4600MAGKT

#### Magnifying Lens Kit

- Comes complete with 1.5X and 2.0X magnifying lenses and lens holder
- Optional accessory provides additional magnification for YA series



YA4600MAGKT



WCH3

### Welding Hammers

#### WCH3 11" Welder's

#### Chipping Hammer

#### (Blue-Point®)

- Features pick end and 3/4" chisel head end
- Heat treated high alloy steel for long life
- Overall length is 11"
- Head length is 7-1/2"



YA247

### Welder's Marking Set

#### YA247 2 pc Welder's Marking Set (Blue-Point®)

- Includes YA247-2 Soapstone marker for making temporary markings and YA247 Scribe with a sharp, tough carbide tip for making permanent markings
- Replaceable soapstone
- Each tool has a tough aluminum barrel
- Soapstone marker includes built-in sharpener
- Convenient storage pouch

### C-Clamps

- Equipped with antispatter spindles, precision cut from hardened steel
- Forged frames have extra deep throats for additional strength and work capacity
- Grooved anvil, in combination with a serrated pad, provides nonslip grip on various metal surfaces
- Spindles, handles and pads are copper plated to avoid collecting spatter

Stock No.	Capacity, inches	Throat Depth, inches
CL402A	0-2	2
CL403A	0-3	2-1/2
CL404A	0-4	2-7/8
CL406A	0-6	3-5/8
CL408A	0-8	4-1/2
CL410A	2-10	5-5/8
CL412A	2-12	5-3/4


**CL402A**

### Large Jaw

- Multi purpose tool with larger jaw capacity for general maintenance and screw in oil filter removal

Stock No.	Dimension A, Jaw Cap., inches (mm)	Dimension B, Length, inches (mm)
VGP12212	3-15/16 (100)	12 (300)


**VGP12212**

### High Visibility C-Clamps

- Similar to CL series C-clamps
- High-visibility models conform to OSHA safety color standard for physical hazards regulation #19110.144
- 3/4" spindle diameter

Stock No.	Capacity, inches	Throat Depth, inches
CL404VIS	0-4-1/2	3-1/4
CL406VIS	0-6-1/16	3-5/8
CL408VIS	0-8-1/4	5


**CL404VIS**

### Auto Body/Welding Sets

#### VGP104 Autobody/Welding Locking Pliers Set (Blue-Point®)

- Includes VGP23312 self-leveling jaws pliers, VGP13709 plugweld pliers plus VGP14412 and VGP12406 c-clamp pliers (4 pc) in VGP1041 kit bag


**VGP104**

**VGP12412**

**VGP22418**

### Locking C-Clamps/Standard Tip

- Quick and easy handling clamps for auto body and metal fabrication applications

Stock No.	A inches (mm)	B inches (mm)
VGP12406	2-5/16 (60)	6 (152.4)
VGP12412	3-15/16 (100)	12 (304.7)
VGP12418	10-1/4 (260)	18 (457.2)
VGP12424	15-11/16 (400)	24 (609.6)

### Locking C-Clamps/Swivel Tip

Stock No.	A inches (mm)	B inches (mm)
VGP22406	1-15/16 (50)	6 (152.4)
VGP22412	3-15/16 (100)	12 (304.7)
VGP22418	9-7/16 (240)	18 (457.2)
VGP22424	15-11/16 (400)	24 (609.6)



- Wear welding helmet and protective clothing while welding and cutting
- Do not allow bystanders while welding and cutting
- Read safety precautions on pages W1 to W4





VGP23312

### Locking Clamps/Self Leveling Jaws

#### VGP23312 Locking Clamps/Self Leveling Jaws (Blue-Point®)

- Swivel pads and narrow jaw profile firmly grip tapered surfaces in areas where c-clamps cannot fit



VGP14412

### Locking C-Clamps/Aluminum Alloy

#### VGP14412 Locking C-Clamps/Aluminum Alloy (Blue-Point®)

- Lightweight aluminum jaw will not bend or distort body panels
- Welding pellets will not adhere to jaw



VGP12509

### Locking U-Clamps

#### VGP12509 Locking U-Clamps (Blue-Point®)

- U-shaped jaws allow access and visibility when welding



VGP13420

### Locking C-Clamps/Long Reach

#### VGP13420 Locking C-Clamps/Long Reach (Blue-Point®)

- Wide profile with perforated jaws allows clamping around large objects with uniform tension distribution



VGP13709

### Locking Pliers/Plugweld

#### VGP13709 Locking Pliers/Plugweld (Blue-Point®)

- Copper alloy knurled pad prevents burn-thru when plug welding thin sheet metal



VGP12808

### Locking Clamps/Sheet Metal

#### VGP12808 Locking Clamps/Sheet Metal (Blue-Point®)

- Wide jaws allow clamping, bending, forming and crimping of sheet metal without gripping effort



MG2000K

### Welding Clamps/Miniature

- Micro size for optimal access into confined spaces
- Aluminum alloy body ensures robustness with minimal weight while resisting splatter and corrosion
- Design permits exertion of 1/2 ton of force without deformation
- Perforated jaw allows attachment to fixtures and connection of ground cables
- One handed "no pinch" clamping and release
- Micro-size for optimal access into confined spaces
- Aluminum alloy body ensures robustness with minimal weight while resisting splatter and corrosion
- Design permits exertion of 1/2 ton of force without deformation
- Perforated jaw allows attachment to fixtures and connection of ground cables
- One handed "NO PINCH" clamping and release

#### MG2000K Micro Grip Locking Clamp Set (Blue-Point®)

- Includes four micro grip clamps

**Spot Welders**
**YA22300A Standard Duty Spot Welder**

- Produces spot welds for collision repair
- Squeeze type action produces factory style welds
- Optional accessories can increase welding capability

**YA22355 Heavy Duty Liquid Cooled Spot Welder**

- Designed to produce factory type spot welds on low carbon steel panels
- Pneumatic squeeze-type gun welds through primers, sealers, and adhesives between panels
- Features coolant circulation throughout the welding tips for consistent and maximum weld penetration
- Included accessories: 14" long reach electrode and wheelhouse electrode

Stock No.	Primary Voltage	Line Fuse	Maximum Output	Maximum Thickness	Coated Metal Capability	Kva Rating	Shipping Weight, lb
YA22355	208/230 V AC	60 A	6,000 Amps	3 pc 20 gauge	Yes	6	300
YA22300A	208/230 V AC	50 A	2,800 Amps	2 pc 20 gauge	No	4	120



YA22300A



YA22355

**Spot Welder Accessories**
**YA2230010 Welding Tip Kit**

- Contains replacement welding tips for the YA223004 welding cable assembly and the YA223005 dent puller kit

**YA223004A Welding Cable Assembly**

- Accessory welding cable assembly for the YA22300A
- Allows welding from a single side such as door skins and other applications

**YA22357 Trigger Switch**

- Replacement switch

**YA223005B Dent Puller Kit**

- Fast, effective dent repair without drilling holes or using draw pins

**YA22356 Handle**

- New style handle to house the improved YA22357 switch
- Can be retrofitted to older models

**DENT PULLERS/ACCESSORIES**


YA22345KT



YA223453

**Stud Gun Dent Pullers**
**YA22345 Stud Gun**
**YA22345KT Stud Gun Dent Puller Kit**

- Kit includes stud gun, welding tips, slide hammer and T-puller
- Used to pull dents by welding pins to work piece
- Stud gun uses minimal heat to reduce burn through

**YA223451 Draw Pins (2 mm)**

- Soft for easy flexing and grinding
- Delivers 500 lb pull
- Pack of 500

**YA2234510 Storage Case**

- For YA22345KT stud gun kit

**YA223452 Draw Pins (2.5 mm)**

- Soft for easy flexing and grinding
- Delivers 500 lb pull
- Pack of 500

**YA223453 Magna Clamp**

- Features wing nut and is self-tightening
- Locks onto draw pins for pulling dents

**YA223454 T-Puller**

- Compact for small damage repair on lightweight metal
- Helps reduce overpull

**YA223455 Slide Hammer**

- Polished steel bar with rubber handle ensures positive pulling action

**YA223456 Shrinking Electrode**

- Provides fast heat

**YA223457 Pin Electrode**

- Holds all standard size pins

**YA223458 Trim Rivets**

- Used to repair metal trim strips
- Weld onto panel and provide permanent retention to trim strip
- Pack of 500

**YA223459 Rivet Electrode**

- For use with YA223458 trim rivets
- Retains trim rivet for welding



- Wear welding helmet and protective clothing while welding and cutting
- Do not allow bystanders while welding and cutting
- Read safety precautions on pages W1 to W4



## DENT PULLERS/ACCESSORIES



YA22375



YA22350C

### Portable Dent Pulling System

- Easily pulls dents on roofs, hoods and side panels
- Star tip design eliminates the need to drill holes or cut pin heads
- Built-in slide hammer speeds up the pulling process (YA22350C only)

Stock No.	Type	Primary Voltage	Line Fuse	Power Input Cable, ft. (m)	Power Lead Length, feet	Ground Cable Length (ft)	Shipping Weight, lb
YA22350C	Star Tip	120 V AC, 50/60 Hz	30 A	25 (7.6)	7	7	64
YA22375	T-handle	120 V AC, 50/60 Hz	30 A	25 (7.6)	10	7	64
YAH22350C	Star Tip	208/230 V AC, 50/60 Hz	30 A	25 (7.6)	7	7	64
YAH22375	T-handle	208/230 V AC, 50/60 Hz	30 A	25 (7.6)	7	7	64



YA2353



YA2355



YA2358



YA2235CART

### Portable Dent Puller Accessories

#### YA2235CART Accessory Cart

- Adds additional height and portability

#### YA2355 Star Tips

- Replacement tips (10 pk) for the YA22350C, YAH22350C and YA223005

#### YA2351 Welding Tip

- Optional long stud welding tip

#### YA2353 Heating Tip

- Replacement heat shrink heating tip

#### YA2354 Slotted Weld Tip

- Use with portable dent pulling system

#### YA2358 Magnetic Base

- Replacement magnetic ground clamp

#### YA22357 Trigger Switch

- Replacement switch

#### YA223008 Pry Bar

- Replacement pry bar for YA22375 and AH22375, optional for YA22350C and YAH22350C



YA22351

### Quick Claw Dent Pulling System

#### YA22351 Quick Claw Dent Pulling Set

- Used with YA22350C, YAH22350C, YA22375 and YAH22375
- Used to establish multiple pull points along dents
- Independent finger action of claw varies the pulling force at multiple points
- Can pull by hand, slide hammer or chain
- Comes with claw, two tips and 24 wires

#### YA22352 Claw Handle

- Four-finger claw pulling handle
- One included in set

#### YA22353 Welder Tips

- Welding tips for YA22354 welding wires
- Two included in set

#### YA22354 Weld Wires

- 1/2 lb welding wires
- 24 included in set

## Portable Dent Pulling System

### ADPKIT Aluminum Panel Dent Puller Kit

- Essential tools to pull dents and repair aluminum vehicles
- Complete tool set includes power supply to weld studs for dent pulling
- High-capacitive discharge stud welder automatically welds stud when pushed onto panel
- The three ground lugs are integrated in the gun and aids in keeping the studs perpendicular to the panel
- Includes Bridge Puller, Lever Puller, Squeeze Puller and T-Handle Puller for a variety of dents, creases and dings
- Complete consumable kit with (250) Al-Mg stud pins for 5000 series and (250) Al-Si stud pins for 6000 series aluminum panels
- Contains (5) quick-clamp pulling fingers and (5) each twist eyelets
- Includes pneumatic solid rivet gun, flush set, punch and bucking bar to remove and install solid rivets
- Self-piercing rivet removal and installation tools
- Door and step flange pneumatic hemming tools that are specific to aluminum panels
- Complete body hammer and dolly set with rubber covers to minimize stretching
- Offset aviation snips, Clekos, 1/4" drill bits and aluminum panel thickness gage
- Variable temperature heat gun with infrared thermometer to heat panels prior to straightening
- Drawers have foam inserts to hold tools keeping them isolated from steel panel use
- Set of seven each locking C-clamp pliers
- Includes a dust cover to protect the contents when not in use



ADPKIT

## Dent Puller Accessories

Stock No.	Description	Qty	Location
ADP265-DR1	Foam Drawer #1	1	Drawer #1
ADP265-KIT	Pull Pin Consumable Kit	1	Drawer #2
BF608B	Short Peen Curve Body Hammer	1	Drawer #1
BF611B	Picking And Dinging Body Hammer	1	Drawer #1
BF617B	Shrinking Body Hammer	1	Drawer #1
BF710B	Toe Dolly	1	Drawer #1
BF711B	Heel Dolly	1	Drawer #1
BF712B	General Purpose Dolly	1	Drawer #1
BF716B	Spoon	1	Drawer #1
DFXDF900BHND	Bolster Head Nylon Chisel	1	Drawer #1
DFXDF900DEND	Double End Nylon Dolly	1	Drawer #1
DFXDF900RHND	Round Head Nylon Chisel	1	Drawer #1
HBSE10	Slim Line Hammer	1	Drawer #1
STK35011	Heel Dolly Cover	1	Drawer #1
STK35012	Heel Dolly End Cover	1	Drawer #1
STK35015	Slapping Spoon Cover	1	Drawer #1
STK35013	Universal Dolly Cover	1	Drawer #1
STK35017	Toe Dolly Cover	1	Drawer #1
STK35025	Hammer Cover	1	Drawer #1
ADP265-DR2	Foam Drawer #2	1	Drawer #2
ATH107A-1	Rivset-fl-str-401-1"d-2.75l	1	Drawer #2
ATH141A31/4	Knockout Punch	1	Drawer #2
ATI508SG	Sheet Holder Plier W/Grips	1	Drawer #2
ATI556MHD	1/4" Long Reach 0 - 1/2" Cleco	12	Drawer #2
ATI719	Bucking Bar- 2 Lbs.	1	Drawer #2
AVSOSL9	Offset Left Aviation Snip	1	Drawer #2
AVSOSR9	Offset Right Aviation Snip	1	Drawer #2
DBD1/4A	Drill Bits	6	Drawer #2
DEBUR300	Deburr Kit	1	Drawer #2
SPRT21960	SPR Insertion Tool	1	Drawer #2
SPRT21970	SPR Extraction Tool	1	Drawer #2

Stock No.	Description	Qty	Location
LST51318	Sheet Metal Thickness Gage	1	Drawer #2
ATIATC3X	Rivet Gun - 3X	1	Drawer #2
AC59C	3x19 Row Curved Scratch Stainless	1	Drawer #3
AC5C	3x7 Row Welders Tooth Brush Stainless	1	Drawer #3
ADP265-DR3	Foam Drawer #3	1	Drawer #3
ET1400	Variable Temp Heat Gun Kit	1	Drawer #3
PT280-305	Wire Belt Stainless Medium 23mm Bent	2	Drawer #3
PT280THUGA	Crud Thug	1	Drawer #3
RTEMP8	Multi-laser Infrared Thermometer	1	Drawer #3
14V	File	1	Drawer #4
14V12	File	1	Drawer #4
ADP265-DR4	Foam Drawer #4	1	Drawer #4
AT615K	Belt Sander Kit	1	Drawer #4
ATBA3818120	5pk Belts 3/8x18-120 Grit	1	Drawer #4
ATBA381860	5pk Belts 3/8x18-60 Grit	1	Drawer #4
ATBA381880	5pk Belts 3/8x18-80 Grit	1	Drawer #4
BF775C-A	Adjustable File Holder	1	Drawer #4
FLG21892	Door Flanging Tool - AL	1	Drawer #4
FLG21896	Stepped Flanging Tool - AL	1	Drawer #4
VGP13420	Locking C Clamp	1	Drawer #5
VGP22406	Locking C Clamp	2	Drawer #5
VGP22412	Locking C Clamp	2	Drawer #5
VGP22418	Locking C Clamp	2	Drawer #5
ADP265	Aluminum Panel Dent Puller	1	Side Shelf
ADP265-BP	Bridge Puller	1	Top Shelf
ADP265-LP	Lever Puller	1	Top Shelf
ADP265-SP	Squeeze Puller	1	Top Shelf
ADP265-TP	Hand T-puller	1	Top Shelf
ADP265-CVR	Cover	1	
KRSC326FPBO	6 Full Drawer Cart 32"	1	
ADPSHELF	Welder Shelf, Cord Wrap And Accy Adaptor	1	



- Wear welding helmet and protective clothing while welding and cutting
- Do not allow bystanders while welding and cutting
- Read safety precautions on pages W1 to W4