

EQUIPMENT



A LINCOLN ELECTRIC COMPANY

Turn to the
FIELD
MANUAL **Pros**

**PROFESSIONAL
TOOLS**

**SUPERIOR
RESULTS**

YOU'LL FIND IT WITH HARRIS.

**ENGINEERING
THE RIGHT
SOLUTIONS**

EXPERTISE TO RELY ON.

Tradesmen today demand rugged, industrial-grade tools that can stand up to harsh work environments and are engineered to last.

We've been designing the best equipment money can buy for over 110 years—and we are just getting started.



25GX

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Contact Harris Customer Service at 1-800-241-0804 EXT. 3

WHY PROFESSIONAL TRADESMEN TURN TO THE PROS

EXPERIENCE

We know your industry. Our customers worldwide will attest that Harris products improve their processes, drive down costs and increase profits. We understand your business and the challenges you face every day.

COMMITMENT

The Harris Products Group is committed to a continuous pursuit of improvement in manufacturing excellence through the implementation of “lean manufacturing” concepts. Incorporated in our lean manufacturing initiatives are the principal concepts of continuous flow, pull demand, elimination of waste and pursuit of a system that is responsive to customers but lean in inventory, labor and manufacturing costs. Tools we currently use in this effort include Six Sigma, statistical process control, preventive maintenance, kanban and kaizen.

In addition to our lean manufacturing efforts we have also implemented automation systems, robotic systems and a incentive pay system. We use a rigorous financial planning process in conjunction with disciplined project management for the implementation of planned cost reductions for material, labor and overhead, as well as new product development.





QUALITY

The Harris Products Group is certified to ISO 9001:2000. Quality is an integral part in all processes of the company from development, planning, design and manufacturing to sales and service activities. Our quality system is regularly audited on both an internal and external basis to ensure that consistent business processes are applied.

EXPERTISE

Good companies become great companies when their employees are passionate about the company and the products they produce. We make it our business to know your company so that we can provide the right products for your processes. Our sales team is comprised of product application specialist that can complete on-site evaluations and surveys. They work closely with you to provide a total solution. This also includes support for our customers after the sale through our safety and factory training.

CERTIFICATIONS

The Harris Products Group is committed to environmental stewardship and resource conservation throughout the world. All Harris facilities are certified to ISO 14001.

The Harris Products Group is certified to ISO 9001:2015. Quality is an integral part in all processes of the company from development, planning, design and manufacturing to sales and service activities.

Many Harris industrial gas regulators and torches are certified to the UL® listed standard. Choosing to work with UL® standards demonstrates our commitment to the highest levels of safety and quality.

Harris regulators and torches are all manufactured to the applicable Compressed Gas Association (CGA) standard.





HARRIS

CGA E-4

MODEL 425-50

HARRIS
GAINESVILLE

REGULATORS

REGULATORS PROVEN SAFETY

Harris industrial regulators meet or exceed all relevant industry standards and guidelines. They are all CGA E4 ignition test certified and/or UL® Listed. All Harris regulators include our unique one piece encapsulated seat that prevents dangerous particulates from wentering the high pressure seat are with Harris, **SAFETY IS ON YOUR SIDE.**

801

MODEL

ECONOMY

MODEL SHOWN:
801-145-540

DESCRIPTION

The model 801 is designed to be medium duty regulator, perfect for most industrial cutting and welding applications.



PART #	MODEL #	GAS	PACKAGE
3002195	801-15-300	ACETYLENE	BOX
3002193	801-15-510	ACETYLENE	BOX
3002194	801-125-540	OXYGEN	BOX

25GX

MODEL



GOOD

MODEL SHOWN:
25GX-500-580

DESCRIPTION

The 25GX is designed to be the next generation workhorse of the Harris industrial regulator line. It features larger, easier to read gauges and an ergonomic adjusting knob that also shields the adjusting mechanism from contaminants.



PART #	MODEL #	GAS	PACKAGE
3000350	25GX-15-300	ACETYLENE	BOX
3000683	25GX-15-300	ACETYLENE	CLAM
3000380	25GX-15-510	ACETYLENE	BOX
3000682	25GX-15-510	ACETYLENE	CLAM
3000510	25GX-145-540	OXYGEN	BOX
3000681	25GX-145-540	OXYGEN	CLAM
3000485	25GX-50-510P	PROPANE	BOX
3000450	25GX-50-510P	PROPANE	CLAM

*Regulators designed for propane service can be used with any other LPG fuel. NOT FOR USE WITH ACETYLENE. **Supplied with 5/8"-18 adaptor P/N: 9000002 ***Packaged in clamshell
3000485 has 30 PSIG plain face gauge



425

MODEL



BETTER

**MODEL SHOWN:
25GX-500-580**

DESCRIPTION

The 25GX is designed to be the next generation workhorse of the Harris industrial regulator line. It features larger, easier to read gauges and an ergonomic adjusting knob that also shields the adjusting mechanism from contaminants.



PART #	MODEL #	GAS	PACKAGE
3000816	425-15-300	ACETYLENE	BOX
3004541	425-15-300	ACETYLENE	CLAM
3000815	425-15-510	ACETYLENE	BOX
3004542	425-15-510	ACETYLENE	CLAM
3000714	425-125-540	OXYGEN	BOX
3004544	425-125-540	OXYGEN	CLAM
3000713	425-50-510P	PROPANE	BOX
3004543	425-50-510P	PROPANE	CLAM

450

MODEL



BEST

**MODEL SHOWN:
25GX-500-580**

DESCRIPTION

The Model 450 is an economically priced industrial duty regulator, but with premium features found only in high priced regulators. The 450 has a stainless steel diaphragm and a Harris exclusive internal tamper-proof self-reseating safety.



PART #	MODEL #	GAS	PACKAGE
3002493	450-15-300	ACETYLENE	BOX
3004545	450-15-300	ACETYLENE	CLAM
3002494	450-15-510	ACETYLENE	BOX
3004546	450-15-510	ACETYLENE	CLAM
3002497	450-125-540	OXYGEN	BOX
3004548	450-125-540	OXYGEN	CLAM
3002495	450-50-510P	PROPANE	CLAM
3004547	450-50-510P	PROPANE	CLAM

*Regulators designed specifically for propane service can be used with any of the other welding grade liquid petroleum gases. NOT FOR USE WITH ACETYLENE.

**Models with anti-vibrator "A" for He and H₂ applications feature the standard Harris internal safety.



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www.harrisproductsgroup.com

Orders: 1.800.733.4043



CO

45
35
25
15
5

2000
1500
1000
500
0
4000
3500
2500
1500
0

3000
2000
1000
0
5000
4000
3000
2000
1000
0

4
3
2
1
0
-1
-2
-3
-4
-5
-6

2000
1500
1000
500
0
4000
3500
2500
1500
0

HARRIS
Differential Pressure Gauge
Model 355
1/2" NPT
1/2" NPT
1/2" NPT

HARRIS
2555-AR70
1/2" NPT
1/2" NPT
1/2" NPT

55-2 AR1HE
MADE IN U.S.A.
UNIONVILLE, DE

HARRIS
Model 355
1/2" NPT
1/2" NPT
1/2" NPT

55-2 AR1C
MADE IN U.S.A.
UNIONVILLE, DE

FLOWMETER

Proven performance Harris manufactures a wide range of flowmeters that are designed to accurately measure the flow of shielding gases for MIG (GMAW) and TIG welding (GTAW) operations. Setting proper shielding gas flow rates is critical for weld quality. Let the experts at Harris help you choose the right flowmeter for your operation.

601

MODEL

GOOD

**MODEL SHOWN:
601**

DESCRIPTION

This flowmeter is designed to be compact and economical, but with features typically available in more expensive regulators. It is used where weight, cost and size are factors.



PART #	MODEL #	GAS	PACKAGE
3100575	601-AR-580	ACETYLENE	BOX

351

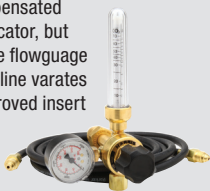
MODEL

BETTER

**MODEL SHOWN:
801-145-540**

DESCRIPTION

The Model 351 flowmeter is a zero-compensated flowmeter. It uses a flowmeter as an indicator, but generally functions as a variable pressure flowguage regulator. It is available in cylinder & pipeline varates the kit is supplied with a 3/16" x 10' approved insert gas hose.



PART #	MODEL #	GAS	PACKAGE
3100353	351-60Ar-58010	ACETYLENE	BOX

355-2

MODEL

BEST

**MODEL SHOWN:
351-60Ar-58010**

DESCRIPTION

The Model 355-2 incorporates a regulator & flowmeter into one complete unit. The flow tube has dual calibration and the flowmeter includes a sensitive needle valve for fingertip control.



PART #	MODEL #	GAS	PACKAGE
4400235	355-2Ar-58010	Ar/CO ₂	CLAM

FLOWGAUGES

PROVEN CONTROL.

The most common use for gas control devices in the industrial gas market is to control shielding gases for MIG (GMAW) and TIG (GTAW) welding. No other manufacturer a more complete line of product than Harris.

801

MODEL

GOOD

**MODEL SHOWN:
801-AR60-580**

DESCRIPTION

This flowgauge regulator is designed to be compact, light weight and rugged. It provides accurate pressure regulation to 100 PSIG.



PART #	MODEL #	GAS	PACKAGE
3100508	801-AR60-580	Ar + Mixes	

301

MODEL

BETTER

**MODEL SHOWN:
301-Ar60-580**

DESCRIPTION

The model 301 offers flow control to 60 SCFH using the most common welding shielding gases.



PART #	MODEL #	GAS	PACKAGE
3000163	301-Ar60-580	Ar + Mixes	BOX

425

MODEL

BEST

**MODEL SHOWN:
425-Ar100-580**

DESCRIPTION

The Model 425 flowgauge regulator is designed to be a rugged long lasting performer. The model 425 flowgauge regulator is capable of 100 SCFH and it features an internal self reseating high pressure safety valve.



PART #	MODEL #	GAS	PACKAGE
3000774	425-Ar100-580	Ar + Mixes	BOX



**LOOKING FOR OTHER
MODELS OR GASES?**

Call our customer service line
1.800.733.4043 and ask for Harris
Full-Line Equipment catalog.

P/N: 9505629

Turn to the
**Pros**

A LINCOLN ELECTRIC COMPANY

HARRIS INDUSTRIAL EQUIPMENT CATALOG



OUTFITS

OUTFITS PROVEN RELIABILITY.

Harris manufactures a wide variety of combination outfits that contain all the major components that allow you to cut, weld, and braze.

Choose between Harris Classic series, V-Series or Ironworker kits.

Professionals know what they want for reliability, they want to get the job done fast and done right so they **CHOOSE HARRIS.**

HARRIS STYLE

ALL FUEL GASES

STEEL
WORKER

MODEL

BETTER

MODEL SHOWN:
8525GX-300 DLX

DESCRIPTION

The Harris heavy duty welding and cutting outfit features Harris' most popular regulators, combination torch handle and cutting attachment.



PART #	MODEL #	GAS
4403225	8525GX-300 DLX	ACETYLENE
4403224	8525GX-510 DLX	ACETYLENE

PIPE
LINER

MODEL

BETTER

MODEL SHOWN:
43425-300 DLX

DESCRIPTION

The Harris steelworker welding and cutting outfit features Harris' most popular regulators, combination torch handle and cutting attachment.



PART #	MODEL #	GAS
4403236	43425-300 DLX	ACETYLENE
4403235	43425-510 DLX	ACETYLENE

HARRIS STYLE

VICTOR STYLE ALL FUEL GASES

STEEL
WORKER

MODEL

BETTER

MODEL SHOWN:
V-100C25GX-510

DESCRIPTION

Cuts up to 1" plate, welds up to 1/8" with supplied tips. Cuts up to 4" plate, welds up to 1/2" plate with larger tips.



PART #	MODEL #	GAS
4403220	V-100C25GX-510	
4403222	V-100C25GX-300 DLX	

PIPE LINER

MODEL

BETTER

**MODEL SHOWN:
V-3152500-300 DLX**

DESCRIPTION

Cuts up to 1" plate, welds up to 1/8" with supplied tips. Cuts up to 6" plate, welds up to 1" plate with larger tips.



PART #	MODEL #	GAS
4403223	V-3152500-300 DLX	
4403221	V-3152500-300 DLX	

IRONWORKER

OUTFIT SERIES

HMD

MODEL

GOOD

**MODEL SHOWN:
85801-510**

DESCRIPTION

The Harris HMD medium duty welding and cutting outfit features the new Model 801 regulators and Harris' most popular combination torch handle and cutting attachment.



PART #	MODEL #	GAS
4400366	85801-510-DLX HMD	ACETYLENE
4400369	85801-300 DLX HMD	ACETYLENE

HHD

MODEL

BETTER

**MODEL SHOWN:
8525GX-510-DLX**

DESCRIPTION

The Harris HHD heavy duty welding and cutting outfit features Harris' most popular regulators, combination torch handle and cutting attachment.



PART #	MODEL #	GAS
4400367	8525GX-510-DLX HHD	ACETYLENE
4400370	8525GX-300 DLX HHD	ACETYLENE



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www.harrisproductsgroup.com

Orders: 1.800.733.4043

HXT

MODEL

BETTER

**MODEL SHOWN:
43450-510**

DESCRIPTION

The Harris HXT is an extra-heavy duty welding and cutting outfit that includes Model 450 regulators, Model 43-2 combination torch handle and 73-3 cutting attachment.



PART #	MODEL #	GAS
4400368	43450-510-DLX HXT	ACETYLENE
4400371	43450-300 DLX HXT	ACETYLENE

IRONWORKER

VICTOR STYLE ALL FUEL GASES

VMD

MODEL

BETTER

**MODEL SHOWN:
VH10C801-510**

DESCRIPTION

The Harris VMD medium duty welding and cutting outfit features the new Model 801 regulators, VH10 combination torch handle and VH13 cutting attachment.



PART #	MODEL #	GAS
4400372	VH10C801-510 DLX	ACETYLENE
4400375	VH10C801-300 DLX	ACETYLENE

VHD

MODEL

BETTER

**MODEL SHOWN:
VH31-25GX-510**

DESCRIPTION

The Harris VHD heavy duty welding and cutting outfit features Harris' most popular regulators, combination torch handle and cutting attachment.



PART #	MODEL #	GAS
4400373	VH31-25GX-510 DLX	ACETYLENE
4400376	VH31-25GX-300 DLX	ACETYLENE

VXT

MODEL

BETTER**MODEL SHOWN:
VH31-450-510 DLX****DESCRIPTION**

The Harris VXT is an extra-heavy duty welding and cutting outfit that includes Model 450 regulators, Model VH31 combination torch handle and VH24 cutting attachment.



PART #	MODEL #	GAS
4400374	VH31-450-510 DLX	
4400377	VH31-450-300 DLX	

PORT-A-TORCH

MODEL

BETTER**MODEL SHOWN:
85601-200 w/Cyl****DESCRIPTION**

A Harris Port-A-Torch® contains all the quality equipment needed for cutting, welding and brazing packaged in a rugged, molded plastic carrying case.



PART #	MODEL #	GAS
4403211	85601-200 w/Cyl	ACEYLENE
4403214	V-100601-200 DLX	ACETYLENE



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Orders: 1.800.733.4043



CUTTING ATTACHMENTS

HARRIS CUTTING ATTACHMENTS HAVE THE BEST FEATURES IN THE INDUSTRY. ALL HARRIS AND HARRIS “V” SERIES HAVE THE SAME GREAT FEATURES FOR SAFETY, RELIABILITY AND LONG LIFE. ALL HARRIS CUTTING ATTACHMENTS ARE SUITABLE FOR INDUSTRIAL USE.

Harris Cutting Attachments share these great features:

- Brazed triangular tube construction for safety and durability
- Solid forged brass heads for performance and long service life
- Flip-up oxygen cutting lever for convenience and ease of operation
- Captive union nut protects connections from damage
- Ease-on cutting valve for safety and cutting control

72-3

MODEL

BETTER

**MODEL SHOWN:
72-3**

DESCRIPTION

The Model 72-3 is a classic design Harris cutting attachment with brazed triangular stainless steel tubes, making it light in weight while still providing exceptional strength and rigidity. The captive union nut protects the seats and "O" rings from damage.



PART #	MODEL #	HEAD ANGLE
1300380	72-3	90°

73-3

MODEL

BETTER

**MODEL SHOWN:
73-3**

DESCRIPTION

The Model 73-3 is a classic design Harris cutting attachment with brazed triangular stainless steel tubes, making it light in weight while still providing exceptional strength and rigidity.



PART #	MODEL #	HEAD ANGLE
1300340	73-3	90°

62-5E

MODEL

BETTER

**MODEL SHOWN:
62-5E**

DESCRIPTION

The Model 62-5E is a heavy duty straight cutting torch designed to use any fuel gas. The 62 is an industry standard that is less expensive to own and operate, and is safer to use. Its triangular tube design and brazed connections offer strength, safety and a long service life.



PART #	MODEL #	HEAD ANGLE
1003350	62-5AE	70°

42-3

MODEL

BETTER

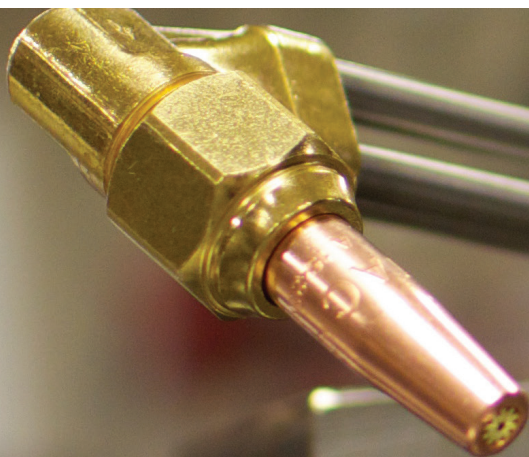
**MODEL SHOWN:
62-5E**

DESCRIPTION

The Model 62-5E is a heavy duty straight cutting torch designed to use any fuel gas. The 62 is an industry standard that is less expensive to own and operate, and is safer to use. Its triangular tube design and brazed connections offer strength, safety and a long service life.



PART #	MODEL #	HEAD ANGLE
1003350	62-5AE	70°



HERE'S A TIP:
WHEN PROS USE
HARRIS, THEY
USE THE BEST

GET CONNECTED

Go to www.youtube.com/harrisproductsgroup

YouTube



A LINCOLN ELECTRIC COMPANY



TORCH HANDLES

GET THE BEST HANDLE ON IT! HARRIS MANUFACTURES ONLY INDUSTRIAL-DUTY EQUIPMENT INCLUDING OUR COMBINATION TORCH HANDLES. WHEN YOU BUY A HARRIS HANDLE, YOU CAN BE SURE THAT IT IS THE BEST THAT MONEY CAN BUY. OUR HANDLES ARE DESIGNED TO GIVE THE BEST PERFORMANCE, MADE OF THE BEST MATERIALS BY THE BEST MANUFACTURER IN THE INDUSTRY.

- Metal fabrication
- Shipbuilding
- Maintenance
- Construction

1YR
WARRANTY**18-5**

MODEL

BETTER**MODEL SHOWN:**
18-5**DESCRIPTION**

The Model 18-5 is a heavy-duty automatic torch handle. The thumb-operated on/off control can be used for welding, brazing, cutting and light heating with all fuel gases. The pilot light feature can be used for acetylene welding and brazing only. **The 18-5 is not recommended for heavy heating.**



PART #	CAPACITY	LENGTH
1401820	Welds to 1/2"/12.7mm; cuts to 5"/127.0mm	10 1/2"/266.7mm

1YR
WARRANTY**43-2**

MODEL

BETTER**MODEL SHOWN:**
43-2**DESCRIPTION**

The Model 43-2 high-capacity combination handle with the capacity to maximize the performance of the largest Harris tips. The 43-2 is Harris' premium heavy-duty combination torch handle.



PART #	CAPACITY	LENGTH
1401150	Welds to 1"/25.4mm; cuts to 5"/127mm	9 1/2"/241.3mm

1YR
WARRANTY**85**

MODEL

BETTER**MODEL SHOWN:**
85**DESCRIPTION**

The Model 43-2 high-capacity combination handle with the capacity to maximize the performance of the largest Harris tips. The 43-2 is Harris' premium heavy-duty combination torch handle.



PART #	CAPACITY	LENGTH
1401340	Welds to 1/2"/12.7mm; cuts to 5"/127.0mm	8 1/2"/215.9mm





The Harris Products Group
A Lincoln Electric Company
4501 Quality Place - Mason, OH 45040

P/N: 9500592 REV B
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