

Ranger[®] 250

250 Amp DC Gasoline Engine Driven Welder

The Ranger 250 is ready for a workout – all day, everyday! Intended for contractors, construction and maintenance applications, this tough Lincoln gasoline-driven welder/ generator delivers 250 amps for welding at 100% duty cycle. The Ranger 250 is recommended for stick welding, including a separate, dedicated downhill pipe mode, as well as Touch-Start™ DC TIG, flux-cored and MIG wire welding and arc gouging. Lincoln's Chopper Technology provides easy starts, an extremely smooth arc, low spatter and outstanding bead appearance. The sleek, enclosed case lowers noise and protects critical engine components. Hot looks, hot features, hot performance – That's the Ranger 250!

Processes

Stick, TIG, MIG, Flux-Cored, Gouging



Output



Input



Advantage Lincoln

- Gasoline Engine-Driven Welder
 - A powerful 250 amp DC CC/CV gasoline engine-driven welder. All rated outputs at 100% duty cycle 104°F (40°C).
- Multi-Process Welding
 - Excellent DC multi-process welding for general purpose stick, downhill pipe (stick), TIG, cored-wire, MIG (CO₂ and blended gas) and arc gouging.
- Superior Arc Performance
 - Lincoln's Chopper Technology provides easy starts, a smooth arc, low spatter and excellent bead appearance.
- Plenty of AC Generator Power
 - A portable powerhouse – delivers 9,000 watts peak (8,500 watts continuous) watts of 120V/240V AC generator power. Enough power to run lights, tools, and weld at the same time!
- Skewed Rotor Design
 - Skewed rotor design provides AC power waveshape suitable for operating Lincoln Pro-Cut® plasma cutters and inverter power sources. Lincoln was first in the welding industry with this feature.
- Choice of Two Top-Of-The-Line OHV Gasoline Engines
 - Select the Kohler 20 HP Command or the Robin/Subaru 20.5 HP EH64.
- Three-Year Warranty
 - Three-year Lincoln warranty on welder (engine is warranted separately by the engine manufacturer).

TECHNICAL SPECIFICATIONS

Product Name	Rated Output Current/Voltage/Duty Cycle	Output Range	Engine Model	No. of Cyl.	HP & Speed (rpm)	Dimensions H x W x D inches (mm)	Net Weight lbs (kg)
Ranger 250	250A DC CC/28V/100% 250A DC CV/28V/100% 275A DC CV/27V/60%	20-250A DC 40-250A Pipe 20-250A TIG 14-28V CV 9000 Watts Peak 8500 Watts Continuous	Robin/Subaru OHV EH64 Gasoline	2	20.5 @ 3600	36.2 x 21.5 x 42.3 (920 x 546 x 1073)	518 (235)
			Kohler OHV Command CH20S Gasoline with Electric Fuel Pump		20 @ 3600		500 (227)

PERFORMANCE

Welding Performance

- Provides superior DC arc welding performance for stick, TIG, cored-wire, MIG and arc gouging.
- Lincoln **CT** Chopper Technology:
 - Easy Starts.
 - Smooth Arc.
 - Low Spatter.
 - Excellent Bead Appearance.
- CC-Stick mode is optimized for general purpose stick using E7018 low hydrogen electrode.
- Downhill Pipe welding mode is excellent for cellulosic electrodes. Fast travel speeds, especially on fill passes. Arc control adjustment for a softer, buttery arc, or a more forceful, digging arc.
- Arc Force control provides a soft or more forceful digging arc in CC-Stick or downhill pipe mode and inductance/pinch control in CV-wire mode.
- Built-in “hot” start for easier starts and restrikes minimizing the electrode “sticking” to the work.
- Touch-Start DC TIG™ - lift tungsten to start the arc. No high frequency required. Avoids tungsten contamination in the weld. Voltage sensing output stops the arc when the torch is lifted at the end of the weld - increased operator appeal.
- Arc gouging with up to 3/16" carbons.

AC Generator Performance

- Two 120V 20A duplex receptacles with weather resistant covers. Circuit breaker protection for, among other tools, up to a 9” grinder.
- Up to 35 amps at 240V from the 120V/240V receptacle with weather resistant covers. Circuit breaker protection.
- Maximum generator power (while not welding) is available at any weld dial setting.
- Skewed rotor design provides AC power waveshape suitable for operating Lincoln Pro-Cut® plasma cutters and Invertec® inverter power sources.

SIMULTANEOUS WELDING AND POWER LOADS

Welding Output (Amps)	Continuous Power (Watts)
250	2,000
200	3,400
150	4,800
100	6,200
0	8,500

FEATURES

- Simple Controls - Keep training time to a minimum with the straightforward control panel of the Ranger 250. The flip-down control panel door keeps less frequently used dials out of the way.
- Single, full-range output control dial. No more confusion with taps and controls! Dial is calibrated in amps and volts for setting the weld output.
- 4 welding modes: CC-Stick, Downhill Pipe, CV-Wire and Touch-Start TIG™.
- Output at welding terminals controlled by electronic contactor. Can be switched to "On", or to "Remotely Controlled".
- Remote is auto-activated when plugged into a 6-pin connector.
- Compatible with many Lincoln wire feeders including the LN-15, LN-25, LN-23P, LF-72, LN-7, LN-7 GMA, LN-742, LN-8, Cobramatic™ wire feeders, Magnum SG and Prince Spool Guns.
- Wire feed voltmeter switch matches polarity of wire feeder voltmeter to polarity of electrode.
- Choice of two top-of-the-line OHV gasoline engines:
 - Robin/Subaru 20.5HP EH64 101.9 dB sound power (Lwa) at rated load. Sound level = 75.7 dBA at 23 ft. (7m).
 - Kohler 20HP Command® 100.7 dB sound power (Lwa) at rated load. Sound level = 76.4 dBA at 23 ft. (7m).
- Fully enclosed case for equipment protection and low noise. Lower noise than partially-enclosed welders of comparable size. You can hear the difference!
- Electric fuel pump is standard on Kohler model. Avoids vapor lock. Assures consistent fuel delivery in locations having a combination of high altitude, warm ambient temperatures, and high anti-pollution additives in gasoline.

- 12 gallon fuel capacity allows you to run an extended day. 20% longer than competitive machines!
- Electric fuel gauge located on control panel makes it easy to check the fuel level during operation. Helps you eliminate running low on fuel during critical jobs.



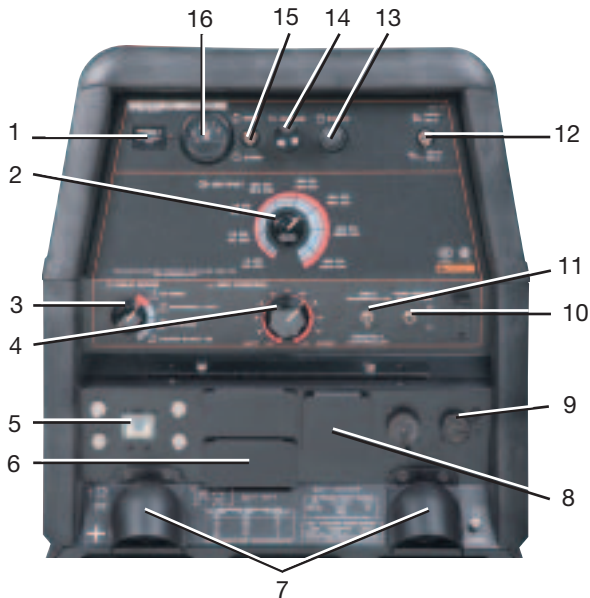
- Large top fuel filler neck is easily accessed for refueling.



- Electric start. Engine battery charger system light to indicate abnormal charging.
- Oil drain valve (no tools required) with removable extension tube.
- Convenient truck or trailer mounting with front and rear holes in base.

A CLOSER LOOK

Key Controls



1. Hour Meter
2. Output Control Dial
3. Weld Mode Switch
4. Arc Force & Inductance/ Pinch Control
5. Circuit Breakers
6. 120 Volt AC Receptacles
7. Output Stud Covers **NEW!**
8. 120/240 Volt AC Full KVA Receptacle
9. Remote Control & Feeder Connectors
10. Wire Feeder Voltmeter Polarity Switch
11. Weld Terminals Control Switch
12. Idler Control Switch
13. Pushbutton Start Switch
14. Engine Choke Control
15. Run/Stop Switch
16. Electric Fuel Gauge

QUALITY AND RELIABILITY

- Printed circuit boards are environmentally-shielded using Lincoln's engineered potting and protective frame trays.
- Oil dip stick, filters, spark plugs, etc. are easily accessed with left, right and top engine doors. Left and right doors are removable, if desired, for service.
- Adjust exhaust direction with top-mounted 360° rotatable exhaust muffler. Muffler made from aluminized steel for longer life.
- Attractive red and black powder paint finish offers increased durability with added protection from rust and corrosion.
- Longer engine life, reduced noise emissions and greater fuel economy with automatic engine idler.
- Conveniently located engine maintenance label under top engine door.
- Engine hour meter for scheduled maintenance.
- Circuit breaker protection on the battery ignition system provides added component protection.
- Automatic engine shutdown protection for low oil pressure.
- Reliable start-up with Group 58 battery with 435 cold cranking amps.
- Optional K1690-1 GFCI (Ground Fault Circuit Interrupter) Kit available for additional protection from electrical shock.
- Dependability and long life aided by all-copper windings in rotor and stator with high quality insulation.
- Approved by Canadian Standards Association (CSA).
- Manufactured under a quality system certified to ISO 9001 requirements and ISO 14001 Environmental Standards
- Three year Lincoln warranty. (Engine is warranted separately by the manufacturer.)


"We feel the Lincoln Electric Ranger 250 is currently the best machine on the market to meet our needs. We use it for MIG and Stick welding, but where we feel this machine really stands apart from the competition is for TIG welding stainless steel. Lincoln's Ranger 250 delivers a crisp arc and a consistent weld pattern. It also offers the convenience of easily fitting on the back of a truck bed and has good maneuverability around the job site. In the past, we have used Miller® Bobcats® and Thermadyne® Predators®, but Lincoln's Ranger 250 is superior in terms of mechanical longevity, ruggedness and dependability."

*John Caffrey
Engineering Manager
Dryer Group, ICM*



All-terrain undercarriage easily maneuvers over obstacles.

MACHINE SPECIFICATIONS

Product Name	Ordering Information	Description	CC/Pipe-Rated Output Current/Voltage/Duty Cycle	CV-Rated Output Current/Voltage/Duty Cycle	Generator AC Power (2)(3)	Dimension & Weight H(5) x W x L
Ranger 250 (Robin/Subaru)	K1725-9	250 Amp DC Multi-Process Arc Welder with Lincoln  Chopper Technology 9,000 Watts Peak 8,500 Watts Continuous AC Power	DC Constant Current 250A / 28V / 100% 20-250A DC Pipe Current 250A/28V/100% 40-250A	DC Constant Voltage (1) 250A / 28V / 100% 275A / 27V / 60% 14-28 V Single-Dial Continuous Control	9,000 Watts Peak 60Hz. 8,500 Watts Continuous Full KVA Receptacle 35A@ 240V 35A@ 120V ea. Branch Circuit (4)	36.2 x 21.5 x 42.3 in (920 x 546 x 1073 mm) 518 lbs. (235 kg)
Ranger 250 (Kohler)	K1725-8		Touch-Start TIG™ 250A/28V/100% 20-250A Single-Dial Continuous Control 60V DC Max OCV @ 3700 RPM	Wire Feeder Power 42V, 60Hz, 15 Amps 120V, 60Hz, 20 Amps	Four 120V Receptacles 20A per Duplex 40A Total (4)	36.2 x 21.5 x 42.3 in (920 x 546 x 1073 mm) 500 lbs. (227 kg)

- (1) DC constant voltage capability provides convenience and added safety when welding in electrically hazardous conditions.
- (2) When welding, available auxiliary power will be reduced. Output voltage is within +/- 10% at all loads up to rated capacity.
- (3) 120V will operate either 60 Hz or 50/60 Hz power tools, lights, etc.
- (4) Circuits cannot be wired in parallel to operate the same device.
- (5) Height is to top of exhaust elbow. Enclosure height is 30" (762 mm).

ENGINE SPECIFICATIONS

Engine Model	Description	Horsepower & Displacement	Ignition	Capacities	Operating Speeds	Fuel Consumption
Robin/Subaru OHV EH64 Gasoline (6)	2 Cylinder, 4 Cycle, OHV, Air-Cooled Gasoline Engine Aluminum Alloy with Cast Iron Liners	20.5 HP @ 3600 RPM 39.9 cu in (653 cc)	Electric Start, Group 58 Battery, 435 Cold Cranking Amps, Push Button Start Switch, Charging Indicator, Manual Choke	FUEL: 12 Gals (45 Ltrs) OIL: 1.6 Qts (1.6 Ltrs)	FULL LOAD 3,500 RPM (250A)	1.6 Gals/Hr 5.9 Ltr/Hr.
HIGH IDLE 3,700 RPM					0.8 Gals/Hr 3.0 Ltr/Hr	
LOW IDLE 2,400 RPM					0.5 Gals/Hr 1.9 Ltr/Hr	
Kohler OHV Command CH20S Gasoline (7)	2 Cylinder, 4 Cycle, OHV Air-Cooled Gasoline Engine Aluminum Alloy with Cast Iron Liners Electric Fuel Pump	20 HP @ 3600 RPM 38.1 cu in (624 cc)		FUEL: 12 Gals (45 Ltrs.) OIL: 2.0 Qts (1.9 Ltrs)	FULL LOAD 3,500 RPM (250A)	1.4 Gals/Hr 5.3 Ltr/Hr.
HIGH IDLE 3,700 RPM					0.8 Gals/Hr 3.0 Ltr/Hr	
LOW IDLE 2,400 RPM					0.6 Gals/Hr 2.3 Ltr/Hr	

- (6) Robin/Subaru engine warranty is 3 years.
- (7) Kohler engine warranty is 3 years.

The quiet, rugged gasoline-driven Ranger 250 features a lot of welding and auxiliary power in a compact package. Recommended for contractors, construction and maintenance applications, the Ranger 250 is ready for a workout – all day, every day!



Lincoln Ranger 250 shown with Kawasaki® Mule™ 3000.

GENERAL OPTIONS



120V



Power Plug Kit
Provides four 120V plugs rated at 20 amps each, and one dual voltage, full KVA plug rated at 120/240V, 50 amps. 120V plug may not be compatible with common household receptacles.
Order K802-N



120V



Power Plug Kit
Provides four 120V plugs rated at 15 amps each, and one dual voltage, full KVA plug rated at 120/240V, 50 amps. 120V plug is compatible with common household receptacles.
Order K802-R



Full-KVA Power Plug
One dual voltage plug only rated at 120/240V, 50 amps.
Order T12153-9



GFCI Receptacle Kit
Includes one UL approved 120V ground fault circuit interrupter duplex type receptacle and installation instructions. Replaces the factory-installed 120V duplex receptacle. Each receptacle of the GFCI duplex is rated at 20 amps. Maximum total current from the GFCI duplex is limited to 20 amps. Two kits required for all 120V receptacles on the Ranger 250.
Order K1690-1



Spark Arrestor Kit
Attaches between muffler and exhaust elbow. Virtually eliminates spark emissions.
Order K1898-1



Canvas Cover
To protect the engine drive when not in use. Made from attractive red canvas material that is flame retardant, mildew resistant and water repellent.
Order K886-2



All-Terrain Undercarriage
For moving by hand at construction sites. Maneuvers over obstacles. Heavy-duty puncture-resistant tires.
Order K1737-1

GENERAL OPTIONS CONT.



Factory Undercarriage
For moving by hand on smooth surface floors. Heavy-duty, puncture-resistant tires and front caster. Convenient steering handle.
Order K1770-1



Gas Cylinder Holder
Holds welding gas cylinder or LPG tank (for products with LPG engine). Can use either one or two holders with K1770-1 undercarriage.
Order K1745-1



Cable Carrier Kit
Holds up to two 100 ft. lengths of 2/0 or smaller cable. Includes holder tray for electrodes or miscellaneous items. For use with K1737-1 or K1770-1 undercarriage.
Order K1739-1



Roll Cage
Increases damage protection and includes built-in cable rack. Attaches to K1737-1 or K1770-1 undercarriages. Can mount to K957-1 trailer.
Order K1788-1



Small Two Wheel Welder Trailer
For heavy-duty road, off-road, plant and yard use. Includes wheeled jack, safety chains, 12" wheels, and large rear bumper. Stiff 3/16" steel frame is prime painted using the e-coat process and finished with powder coating technology for superior rust and corrosion resistance. Low sway suspension gives outstanding stability with manageable tongue weight. E-Z Lube™ Axle-pack wheel bearings with a grease gun. Compact and maneuverable, with 47" max. width for narrow aisles and doors.
Order:
K957-1 Trailer
K958-1 2" Ball Hitch
K958-2 Lunette Eye Hitch
K959-2 Fender & Light Kit
K965-1 Cable Rack

STICK OPTIONS



Accessory Kit
For stick welding. Includes 35 ft. (10.7m) 2/0 electrode cable with lug, 30 ft. (9.1m) 2/0 work cable with lugs, headshield, filter plate, cover plate, work clamp and electrode holder. 400 amp capacity.
Order K704

STICK OPTIONS CONT.



Accessory Kit
For stick welding. Includes 20 ft. (6.1m) #6 electrode cable with lug, headshield, filter plate, work clamp, electrode holder and sample pack of mild steel electrode. 150 amp capacity.
Order K875



Remote Control Kit
Consists of a control box with choice of two cable lengths. Permits remote adjustment of output.
Order K857 for 25 ft. (7.6m)
K857-1 for 100 ft. (30.5m)

TIG OPTIONS



Pro-Torch® PTA-26V TIG Torch
Air-cooled 200 amp torch equipped with valve for gas flow control. 25 ft. (7.6m) length.
Order K1783-9



Hand Amptrol™
Varies current for making critical TIG welds. Fastens to the torch for convenient thumb control. Comes with a 25 ft. (7.6m) cable.
Order K963-3 (one size fits all Pro-Torch TIG torches.)



Foot Amptrol™
Varies current while welding for making critical TIG welds and crater filling. Depress pedal to increase current. Depressing pedal fully achieves maximum set current. Fully raising the pedal finishes the weld and starts the afterflow cycle on systems so equipped. Includes 25 ft. (7.6m) control cable.
Order K870



Magnum Parts Kit for PTA-26V TIG Torch
Magnum Parts Kit provides all the torch accessories you need to start welding. Parts kit provides collets, collet bodies, a back cap, alumina nozzles and tungstens in a variety of sizes, all packaged in an easy to carry reclosable pack.
Order KP509

TIG OPTIONS CONT.



Precision TIG 185 Ready-Pak
For AC TIG welding with square wave performance, use the AC generator of the engine-driven welder to supply the power. Easy setup. Includes torch, foot amptrol, gas regulator and hose. Requires the K1816-1 Full KVA adapter kit.
Order K2347-1



Invertac V205-T AC/DC One-Pak™ Package
For AC TIG welding with square wave performance, use the AC generator of the engine-driven welder to supply the power. Easy setup. Includes torch, parts kit, regulator and hose kit, TwistMate™ torch adapter, work cable with Twist-Mate end, and foot Amptrol®. Requires the K1816-1 Full-KVA Adapter Kit.
Order K2350-1



Full - KVA Adapter Kit
Provides convenient connection of Lincoln Electric equipment having a 240V AC 1-phase plug (NEMA 6-50P) to the full-KVA receptacle on Lincoln engine-driven welders.
Order K1816-1

WIRE FEEDER OPTIONS



LN-25 Wire Feeder
Portable CC/CV unit for flux-cored and MIG welding. Includes Gas Solenoid & Internal Contactor.
Order K449



LN-15 Across-The-Arc Wire Feeder
Portable, lightweight, compact CC/CV unit for flux-cored and MIG welding. Includes gas solenoid, adjustable flow meter and internal contactor. For 10-15 lb. (4.5 - 6.8kg) spools.
Order K1870-1



Remote Voltage Control (LN-25)
Provides 25 ft. (7.6m) of remote output control and output jumper (2 and 4) for machines having 6-pin MS-type connector.
Order K444-1

WIRE FEEDERS CONT.



Magnum® 350 Innershield Gun (for LN-25, LN-15)
For self-shielded wire with 15 ft. (4.5m) cable. For .062-3/32" (1.6-2.4mm) wire.
Order K126-2



Drive Roll and Guide Tube Kit (for LN-25)
For .068-3/32" (1.8-2.4mm) cored or solid steel wire.
Order KP653-3/32



Drive Roll and Wire Guide Kit (for LN-15)
For 1/16" (1.6mm) cored wire.
Order KP1697-1/16C



Gun Receiver Bushing
For LN-15 and K126-2.
Order K1500-1



Magnum® 300 MIG Gun
For .035-.045" (0.9-1.2mm) gas-shielded wire with 15 ft. (4.5m) cable.
LN-25
Order K1802-1
(includes Connector Kit)

LN-15
Order:
K470-2 Magnum 300 MIG Gun
K466-10 Connector Kit



Drive Roll and Guide Tube Kit (for LN-25)
For .035-.040" (0.9-1.0mm) solid steel wire
Order KP653-035S



Drive Roll and Wire Guide Kit (for LN-15)
For .035 (0.9mm) solid steel wire.
Order KP1696-035S



LN-23P Wire Feeder
Portable CV unit for Innershield pipe welding. Control cable operates contactor inside Wire Feed Module for "cold" electrode. Requires LN-23P Adapter Kit (K350-1) and Gun and Cable Assembly.
Order K316L-1



LN-23P Adapter Kit
Required to adapt LN-23P to any Lincoln power source. Makes 14 pin connection at power source.
Order K350-1

WIRE FEEDERS CONT.



Magnum® 250 Innershield Gun (for LN-23P)
For lighter weight and easier handling. Rated 250 amps, 60% duty cycle. For .068 - 5/64" (1.7 - 2.0 mm) Innershield wire and includes reduced speed switch. For pipe welding, a KP1909-1 62° gun tube is recommended.
Order K355-10



62° Gun Tube for Pipe Welding
Recommended modification for K355-X or K345-X guns with 90° gun tubes. Allows more natural positioning for out-of-position pipe welding. Compatible with K126-1, K126-2, K264-8 and K355-10. Current capacity up to 350 amps. Recommended diameters: .062 - 3/32" (1.6-2.8mm).
Order KP1909-1



Magnum SG Spool Gun
Hand held semiautomatic wire feeder. Requires SG Control Module.
Order K487-25



SG Control Module
The interface between the power source and the spool gun. Provides control of wire speed and gas flow. For use with a spool gun.
Order K488



Input Cable (For SG Control Module)
For Lincoln engine power sources with 14-pin MS-type connection, separate 115V NEMA receptacles and output stud connections.
Order K691-10

PLASMA CUTTING



Pro-Cut® 55 Cuts metal using the AC generator power from the engine-driven welder. Requires the K1816-1 Full KVA Adapter kit.
Order K1580-1



Ful-KVA Adapter Kit
Provides convenient connection of Lincoln Electric equipment having a 240V AC 1-phase plug (NEMA 6-50P) to the full-KVA receptacle on Lincoln engine-driven welders.
Order K1816-1

RANGER 250 ORDER FORM

PRODUCT DESCRIPTION	ORDER NUMBER	QUANTITY	PRICE
RANGER 250 (Robin/Subaru OHV Engine)	K1725-9		
RANGER 250 (Kohler OHV Engine)	K1725-8		
RECOMMENDED GENERAL OPTIONS			
Power Plug Kit (20 amp)	K802N		
Power Plug Kit (15 amp)	K802R		
Full KVA Power Plug	T12153-9		
GFCI 120V Receptacle Kit (two kits required)	K1690-1		
Spark Arrestor Kit	K1898-1		
Canvas Cover	K886-2		
Undercarriages			
All Terrain	K1737-1		
Factory	K1770-1		
Gas Cylinder Holder (for K1770-1)	K1745-1		
Cable Carrier Kit (for K1737-1 and K1770-1)	K1739-1		
Roll Cage	K1788-1		
Small Two Wheel Welder Trailer	K957-1		
Two Inch Ball Hitch	K958-1		
Lunette Eye Hitch	K958-2		
Fender and Light Kit	K959-2		
Cable Rack	K965-1		
RECOMMENDED STICK OPTIONS			
Accessory Kit, 400 amp	K704		
Accessory Kit, 150 amp	K875		
Remote Control Kit, 25 ft.	K857		
Remote Control Kit, 100 ft.	K857-1		
RECOMMENDED TIG OPTIONS			
TIG Torch PTA-26V, 25 ft.	K1783-9		
Hand Amptrol® (All Pro-Torch TIG torches)	K963-2		
Foot Amptrol®	K870		
Magnum™ Parts Kit	KP509		
Precision TIG 185 Ready-Pak (for AC TIG welding)	K2347-1		
Invertec V205-T AC/DC One-Pak Package (For AC TIG welding)	K2350-1		
-Full-KVA Adapter Kit (required for K2347-1 and K2350-1)	K1816-1		
RECOMMENDED WIRE FEEDER OPTIONS			
LN-25 Wire Feeder with Contactor, Solenoid	K449		
LN-15 Across-The-Arc Wire Feeder	K1870-1		
Remote Voltage Control, 25 ft. (LN-25 only)	K444-1		
Magnum® 350 Innershield Gun	K126-2		
Drive Roll and Guide Tube Kit (for LN-25)	KP653-3/32		
Drive Roll and Wire Guide Kit (LN-15)	KP1697-1/16C		
Gun Receiver Bushing (LN-15 and K126-2)	K1500-1		
Magnum® 300 MIG Gun (for LN-25) (includes Connector Kit)	K1802-1		
Magnum 300 MIG Gun (for LN-15)	K470-2		
-Connector Kit (LN-15)	K466-10		
Drive Roll and Guide Tube Kit (for LN-25)	KP653-035S		
Drive Roll and Wire Guide Kit (for LN-15)	KP1696-035S		
LN-23P Wire Feeder	K316L-1		
- LN-23P Adapter Kit	K350-1		
Magnum® 250 Innershield® Welding Gun	K355-10		
62" Gun Tube for Pipe Welding	KP1909-1		
Magnum SG Spool Gun	K487-25		
-SG Control Module	K488		
-Input Cable (for SG Control Module)	K691-10		
RECOMMENDED PLASMA CUTTING OPTIONS			
Pro-Cut® 55	K1580-1		
- Full-KVA Adapter Kit (required)	K1816-1		
	TOTAL:		

CUSTOMER ASSISTANCE POLICY

The business of The Lincoln Electric Company is manufacturing and selling high quality welding equipment, consumables, and cutting equipment. Our challenge is to meet the needs of our customers and to exceed their expectations. On occasion, purchasers may ask Lincoln Electric for advice or information about their use of our products. We respond to our customers based on the best information in our possession at that time. Lincoln Electric is not in a position to warrant or guarantee such advice, and assumes no liability, with respect to such information or advice. We expressly disclaim any warranty of any kind, including any warranty of fitness for any customer's particular purpose, with respect to such information or advice. As a matter of practical consideration, we also cannot assume any responsibility for updating or correcting any such information or advice once it has been given, nor does the provision of information or advice create, expand or alter any warranty with respect to the sale of our products.

Lincoln Electric is a responsive manufacturer, but the selection and use of specific products sold by Lincoln Electric is solely within the control of, and remains the sole responsibility of the customer. Many variables beyond the control of Lincoln Electric affect the results obtained in applying these types of fabrication methods and service requirements.

Subject to Change - This information is accurate to the best of our knowledge at the time of printing. Please refer to www.lincolnelectric.com for any updated information.



THE LINCOLN ELECTRIC COMPANY

22801 St. Clair Ave., Cleveland, OH 44117-1199 • 216.481.8100 • www.lincolnelectric.com