


# Vantage® 500

## Setting A New Standard!

If you are looking for a rugged, reliable and capable welder for demanding construction, rental fleet or repair applications, take a close look at the Vantage® 500. Standard stainless steel roof and side panels, simple controls and  Chopper Technology® deliver the low maintenance, long service life, easy operation and great arc performance every owner appreciates. This multi-process powerhouse features 500 amps at 100% duty cycle, or 575 amps at 50%. Don't pay extra for plenty of AC auxiliary power – up to 20,000 watts of 3-phase and 12,000 watts of 1-phase is standard. With the 48 horsepower oil/air-cooled Deutz® engine you can depend on legendary engine reliability from a well-known brand and superior Lincoln arc performance.

### Processes

Stick, TIG, MIG, Flux-Cored, Gouging



Output



Input



## Advantage Lincoln

### • Corrosion-Resistant Stainless Steel Case

- Standard stainless steel roof, side panels and engine-access door deliver added protection, durability and corrosion-resistance. Eliminates need to replace these items due to paint damage or rust.

### • Simple to Operate

- Select one of four Process Modes, including CC-Stick, Downhill Pipe (for stick), Touch Start® DC TIG or CV Wire, and then dial in the desired output.

### • Arc Gouging

- Arc gouging with up to 3/8" carbons.

### • Plenty of AC Generator Power

- 20 kW continuous 3-Phase 240V AC generator power rated at output will power industrial equipment such as a plasma cutter, pump, inverter welder or grinder.
- 12 kW continuous 1-phase AC generator power for common construction tools and lights.

### • Digital Weld Meters

- Digital meters for amps and volts output make it easy to precisely set your procedures. Fuel, Oil Pressure and Engine Temperature gauges keep you on top of monitoring engine performance.

### • Three-Year Warranty

- Three-year Lincoln warranty on welder (engine is warranted separately by the 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)
Vantage® 500	500A/40V/100% 550A/36V/60% 575A/35V/50%	30-575A DC 40-300A Pipe 20-250A TIG 14-40V CV AC Power 12,000 Watts, 1-Phase 20,000 Watts, 3-Phase	Deutz® D 2011 L4i Diesel <b>NEW</b> EPA Tier 4i	4	48@1800	50.8 x 31.5 x 63.1 (1290 x 800 x 1603)	1532 (695)

## PERFORMANCE

### Arc Performance

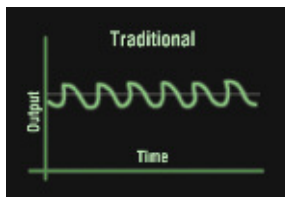
- 500 amps @100% duty cycle and capable of 575 amps at 50% duty cycle. All ratings are at temperatures of 104°F/40°C.
- Arc Gouging - The Vantage® 500 is capable of gouging with up to a 3/8" carbon.
- CC-Stick mode is optimized for general purpose stick using E7018 low hydrogen electrode.
- Built-in "hot" start for easier starts and restrikes minimizing the electrode "sticking" to the work.
- Downhill pipe mode with active arc force control - enhanced downhill pipe welding mode. Excellent for cellulosic electrodes. Fast travel speeds, especially on fill passes. Arc control adjustment for a soft, buttery arc or a more forceful digging arc.
- Standard Touch-Start® DC TIG welding, not scratch start, for easy arc starting that avoids tungsten contamination and the need for high-frequency.
- Excellent CV wire welding with cored-wire and MIG (CO<sub>2</sub> and blended gas).

### Generator Performance

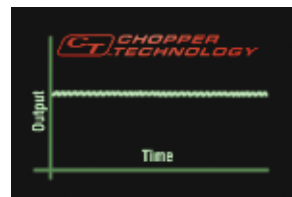
- 3-Phase 240V AC generator power rated at 20kW continuous output to power industrial equipment such as a plasma cutter, pump, inverter welder or grinder. Simultaneously weld and use 3-phase AC power—for example, up to 12,000 watts can be delivered while welding up to 250 amps.
- 3-Phase 240V receptacle on control panel eliminates the need to hard-wire the connections. Matching plug included ( T12153-10 NEMA 15-50P). Compare to competitive product which usually requires hard-wired connections.
- The Vantage® 500 provides added value at the job site by delivering up to 12,000 watts of 1-Phase AC auxiliary power for equipment such as a Lincoln plasma cutter. Also use for lights, grinders and other common construction tools. And, you can simultaneously weld and have access to AC power – The full 12,000 watts can be delivered while welding at up to 250 amps. Plug in a Lincoln V275-S inverter for a second arc.

- Compare this to the common competitive standard of 4,000 watts. No expensive options are required to add significant generator capacity.
- AC generator voltage is constant at 120V or 240V at any weld dial setting.
- Two 120V GFCI duplex receptacles. Circuit breaker protection.

### WHAT IS CHOPPER TECHNOLOGY?



Traditional weld control is more variable around the desired output.



Chopper Technology® delivers extremely fast response for tighter output control.

Patented and award-winning Lincoln Chopper Technology® delivers superior DC arc welding performance for general purpose stick, Downhill Pipe, DC TIG, MIG, cored-wire and arc gouging.

#### Benefits of Chopper Technology® include:

- Easy arc starting
- Smooth arc action
- Low spatter levels
- Excellent bead appearance

### WHAT IS TOUCH-START® TIG?

Touch-Start® TIG uses a very low voltage to sense when the tip of the tungsten electrode is touched to the work piece. When this occurs, a complete circuit is established. When the tungsten is then raised from the work piece, the circuit senses a change in voltage and initiates the appropriate welding current and voltage to support the TIG welding process.

Enjoy the added benefits of Lincoln's Touch-Start® TIG when DC TIG welding. Not only do you avoid tungsten contamination when arc starting, but you also don't need extra high frequency equipment.

### SIMULTANEOUS WELDING AND AUXILIARY POWER

Weld Amps		1 Phase Watts    Amps		3 Phase Watts    Amps		Simultaneous 1 and 3 Phase Watts    Amps	
0	AND	12000	50	OR	20000	----	50
100		12000	50		17800	----	50
200		12000	50		14000	----	50
250		12000	50		12000	12000	----
300		10000	42		10000	10000	----
400		5600	23		5600	5600	----
500		0	0		0	0	0

## FEATURES

- Simple Controls – Keep training time to a minimum with the straightforward control panel of the Vantage® 500. The flip-down control panel door keeps less frequently used dials out of the way. Scratch-resistant Lexan® nameplate.
- Digital meters for amps and volts output make it easy to precisely set your procedures. Fuel, Oil Pressure and Engine Temperature gauges keep you on top of monitoring engine performance.
- Great Engine Choice – 48 horsepower oil/air-cooled 4 cylinder Deutz® D 2011 L4i engine. Engine has an automatic idler for greater fuel economy and reduced noise.
- Single-sided engine access for routine maintenance. Double hinged door located on the right side of the machine opens easily in tight surroundings.
- Large 25 gallon fuel tank provides run time for an extended day – 13 hours of welding at 500A/40V/100% duty cycle output, or 31 to 38 hours at high idle.
- Engine hour meter for scheduled maintenance.
- Output at welding terminals controlled by electronic contactor. Can be switched to “Weld Terminals On” or to “Remotely Controlled”.

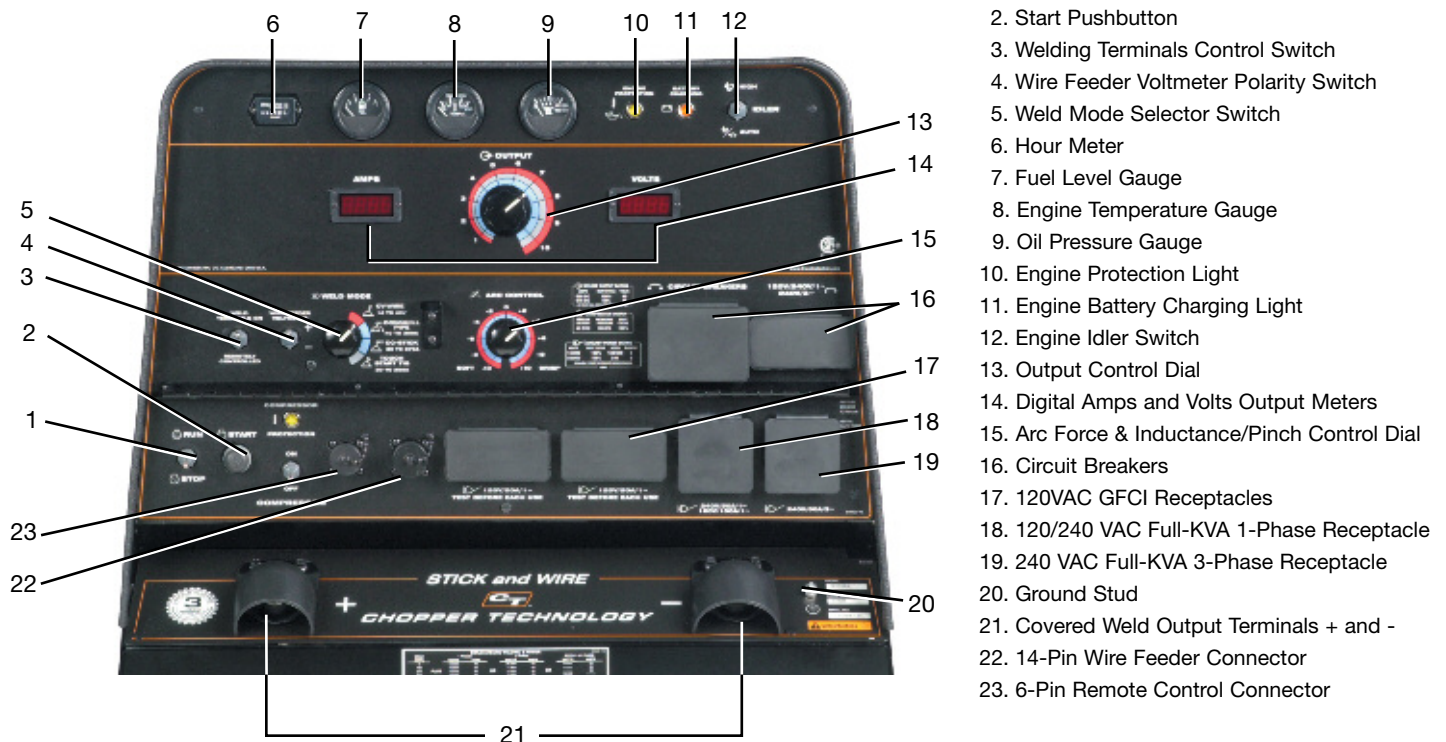
- Automated Remote Control Capability – Output at welding terminals is automatically switched from the machine to the remote mode when a remote device is connected to the standard 6 pin connector.



Automated Remote Control Capability

- LN-25 PRO Across-the-Arc wire feeder is a recommended option.
- 14-pin connector for Lincoln wire feeders with control cables: LF-72, LN-7, LN-8, LN-15, LN-23P, LN-25 and LN-742. Also compatible with the Magnum® SG Spool Gun System, NA-3 Control and LT-7 Tractor.
- Two Vantage® 500 units can be paralleled in the CC-Stick Mode to increase output.
- Oil drain valve and tube to direct used engine oil away from the base into a pan.
- Standard stainless steel roof, side panels and engine-access door deliver added protection, durability and corrosion-resistance. Eliminates need to replace these items due to paint damage or rust.

## Key Controls



## A CLOSER LOOK

### QUALITY AND RELIABILITY

- Printed circuit boards are environmentally-shielded using Lincoln's engineered potting and protective frame trays.
- Dependability and long life aided by all-copper windings in rotor and stator with high quality insulation.
- Simple wire harnessing keeps connections to a minimum for greater reliability. Lead and harness strain reliefs on all control connections help ensure trouble-free performance.
- Engine Protection System includes automatic shutdown for low oil pressure or high engine temperature.
- Indicator light turns on for low oil pressure, high engine temperature or broken cooling blower belt. A second indicator light turns on if the engine battery charging system malfunctions.



- Circuit breaker protection on the battery ignition system provides added component protection.
- Environmentally friendly engine. Engine has a closed breather system to keep the engine compartment and ground clean. This system eliminates oil mist from collecting inside the engine compartment, especially on surfaces that would lower engine cooling efficiency.
- Self-bleeding engines simplify startup if your fuel tank runs dry.
- Approved by the Canadian Standards Association (CSA).
- Manufactured under a quality system certified to ISO 9001 requirements and ISO 14001 environmental standards.
- Three-Year Lincoln Warranty on welder. (Engine is warranted separately by the manufacturer.)

### MACHINE SPECIFICATIONS

Product Name	Ordering Information	Description	CC/Pipe-Rated DC Output(1) Current/Voltage/Duty Cycle	CV Rated Output(1) Current/Voltage/Duty Cycle	AC Power (3) (4)	Dimensions (6) H x W x L inches (mm)	Weight lbs. (kg)
Vantage® 500	K2405-2 (Deutz®)	500 Amp DC Welder with Digital Meter Output Display & Engine Gauges  12,000 Watts AC Power 1-Phase  20,000 Watts AC Power 3-Phase	<b>DC Constant Current</b> 500A/40V/100% 550A/36V/60% 575A/35V/50% 30-575 Amps  <b>DC Pipe Current</b> 300A/32V/100% 40-300A  <b>Touch-Start TIG Range</b> 250A/30V/100% 20-250 Amps  Single Dial Continuous Control 60V DC Max OCV @1900 RPM Deutz® @1890 RPM Cummins®	<b>DC Constant Voltage(2)</b> 500A/40V/100% 550A/36V/60% 575A/35V/50%  14-40V Single Dial Continuous Control  <b>Wire Feeder Power</b> 120V/60Hz 42V/60Hz	12,000 Watts 60 Hz  Two 120V Duplex GFCI Receptacles 20A Per Duplex 40A Total (5)  1-Phase Full KVA Receptacle 50A@240V 50A@120V Each Branch Circuit(5)  3-Phase Full KVA Receptacle 50A@240V	50.8 x 31.5 x 63.1 in (1290 x 800 x 1603mm)	1532 lbs. (695 kg)

- (1) High Altitude: For maximum rating derate the output 5% for every 1,000 ft (300 m) above 4,900 ft. (1,500 m). For output up to 500 A, derate 5% for every 1,000 ft (300 m) above 6,900 ft. (2,100 m). High Temperature: For maximum rating derate 2 volts for every 21°F (10°C) above 104°F (40°C).
- (2) DC Constant Voltage capability provides convenience and added safety when welding in electrically hazardous conditions.
- (3) When welding, available auxiliary power will be reduced. Output voltage is within +/- 10% at all loads up to rated capacity.
- (4) 120V will operate either 60Hz or 50/60 Hz power tools, lights, etc.
- (5) Circuits cannot be wired in parallel to operate the same device.
- (6) Height is to top of exhaust elbow; 42 in. (1067 mm) case top height.

### ENGINE SPECIFICATIONS

Engine Model	Description	Horsepower & Displacement	Capacities	Operating Speeds	Fuel Consumption
Deutz® D 2011 L4i(7)	4 Cylinder, 4 Cycle Oil/Air-Cooled Diesel Engine 12V Electric Start Two-Stage Dry Type Air Cleaner, Fuel Filter with Water Separator <b>NEW!</b> EPA Tier 4i	48 HP@1800 RPM  190 cu in (3.1 ltrs)	FUEL: 25 Gals (95 Ltrs)  OIL: 10.0 Qts (9.5 Ltrs)	<b>500A Load</b> 1800 RPM <b>High Idle</b> 1890 RPM <b>Low Idle</b> 1425 RPM	2.0 Gal/Hr 7.5 Ltr/Hr 0.6 Gal/Hr 2.4 Ltr/Hr 0.5 Gal/Hr 1.8 Ltr/Hr

- (7) Deutz warranty is 2 years/2,000 hours for all components, 3 years/3,000 hours for major components.



## SYSTEM SELECTION

### One-Pak® Welding Packages

Order a Lincoln One-Pak® and get everything you need to complete a welding package - all with one order number.  
(Packages require assembly.)

#### Each UNASSEMBLED Package Contains:

- Vantage® 500
- NEW** • Medium Welder Trailer (K2636-1)
- NEW** • Duo-Hitch™ 2" Ball/Lunette Eye Hitch (included)
- NEW** • Fender and Light Kit (K2639-1)
- NEW** • Cable Rack (K2640-1)
- Cable Connectors, two (K2487-1)
- Electrode Cable 3/0, two 50 ft. (15.3 m) lengths (K2485-3)
- Electrode Cable 3/0, 10 ft. (3 m) (K2483-3)
- Work Cable 3/0, 50 ft. (15.3 m) (K2484-3)
- 400A Electrode Holder (K909-8)
- 500A Work Clamp (K910-2)

#### Order:

**K2288-3 Vantage® 500 Deutz® One-Pak® Package**



Vantage® 500



K2636-1 Medium Welder Trailer



Duo-Hitch™ 2" Ball/Lunette Eye Hitch  
(included)



K2640-1 Cable Rack

### Ready-Pak® Welding Packages

Order a Lincoln Ready-Pak® and get an **assembled** welding package.

#### Each COMPLETELY ASSEMBLED Package Contains:

- Vantage® 500
- NEW** • Medium Welder Trailer (K2636-1)
- NEW** • Duo-Hitch™ 2" Ball/Lunette Eye Hitch (included)
- NEW** • Fender and Light Kit (K2639-1)
- NEW** • Cable Rack (K2640-1)
- Cable Connectors, two (K2487-1)
- Electrode Cable 3/0, two 50 ft. (15.3 m) lengths (K2485-3)
- Electrode Cable 3/0, 10 ft. (3 m) (K2483-3)
- Work Cable 3/0, 50 ft. (15.3 m) (K2484-3)
- 400A Electrode Holder (K909-8)
- 500A Work Clamp (K910-2)

#### Order:

**K2290-3 Vantage® 500 Deutz® Ready-Pak® Package**



Completely Assembled Ready-Pak® Pkg.

## RECOMMENDED OPTIONS



120V

### GENERAL OPTIONS

#### Power Plug Kit (20A)

Provides four 120V plugs rated at 20 amps each, and one dual voltage, full KVA (1-Phase) plug rated at 120/240V, 50 amps. 120V plug may not be compatible with common household receptacles.

Order K802N



120V

#### Power Plug Kit (15A)

Provides four 120V plugs rated at 15 amps each, and one dual voltage, full KVA (1-Phase) plug rated at 120/240V, 50 amps. 120V plug is compatible with common household receptacles.

Order K802R



#### Full-KVA Power Plug (1-Phase)

One dual voltage plug rated at 120/240V, 50 amps. NEMA 14-50R.

Order T12153-9



NEW

#### Medium Welder Trailer

For heavy-duty road, off-road, plant and yard use. Includes pivoting jack stand, safety chains, and 13" wheels. Stiff .120" welded rectangular steel tube frame construction is phosphate etched and powder coat painted for superior rust and corrosion resistance. Low sway suspension gives outstanding stability with manageable tongue weight. Wheel bearings are packed with high viscosity, high pressure, low washout Lubriplate® grease. Includes a Duo-Hitch™ – a 2" Ball/Lunette Eye combination hitch. Overall width 60".

Order:

K2636-1 Trailer

K2639-1 Fender & Light Kit

K2640-1 Cable Rack



NEW

#### Four-Wheeled Steerable Yard Trailer

For off-road, plant and yard use. Includes an automatically engaging drawbar lock when the drawbar is raised to the verticle position. 13" wheels. Wheel bearings are packed with high viscosity, high pressure, low washout Lubriplate® grease. Stiff 3/16" welded rectangular steel frame construction is phosphate etched and powder-coat painted for superior rust and corrosion resistance. Also includes a Duo-Hitch™ – a 2" Ball/Lunette Eye combination hitch. Overall width: 55".

Order K2641-2



#### Ether Start Kit

Provides maximum cold weather starting assistance for frequent starting below 10°F (-12°C). Required ether tank is not provided with kit.

Order K887-1



#### Spark Arrester Kit

Mounts to Muffler Exhaust Tube. Virtually eliminates spark emissions.

Order K899-1 for Deutz® Engine



#### Control Panel Cover Kit

Clear Plexiglass cover to protect control panel from dirt and debris, and to visually monitor machine operation. Lockable to deter vandalism.

Order K2356-1



#### Lockable Fuel Cap/Flash Arrestor Kit

For use in locations where flash arrestor safety is required. Lockable fuel cap prevents tampering with fuel. Green cap color provides a visual reminder to use diesel when refueling.

Order K2340-1



NEW

#### Polarity/Multi-Process Switch

For easy polarity switching. Example: DC-stick root pass on pipe & DC+ stick for hot, full and cap passes. Also for an easy process change. Example: DC+ stick root pass on pipe & DC-Innershield® self-shielded flux-cored wire for hot, fill and cap passes. 6-pin & 14-pin remote connections can be made to this unit. For all Lincoln Chopper Technology® engine-driven welders. Mounts on roof with K2663-1 Docking Kit.

Order K2642-1



NEW

#### Docking Kit

Secures the K2642-1 Polarity/Multi-Process Switch to the engine-driven welder roof. Release latch permits removal of K2642-1 Polarity/Multi-Process Switch. Made from stainless steel for rust-free operation. For all Lincoln Chopper Technology® engine-driven welders.

Order K2663-1



### STICK OPTIONS

#### Accessory Kit

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

Order K704



#### Remote Output Control

Consists of a control box with choice of two cable lengths. Permits remote adjustment of output.

Order K857 for 25 ft. (7.6 m)

K857-1 for 100 ft. (30.5 m)



NEW

#### Remote Output Control with 120V AC Receptacles

Remote weld output control box with two 120V AC receptacles having GFCI (Ground Fault Circuit Interrupter) protection. One cord for both remote and power. 100 ft. (30.5 m) length. Permits remote adjustment of weld output and power for tools (such as a grinder) at the work.

Order K2627-2

## RECOMMENDED OPTIONS

### TIG OPTIONS



**Pro-Torch® PTA-26V TIG Torch**  
Air-cooled 200 amp torch (2 piece) equipped with valve for gas flow control. 25 ft. (7.6m) length.  
**Order K1783-9**



**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 sack.  
**Order KP509**



**Foot Amptrol®**  
Provides 25 ft. (7.6m) of remote Output control for TIG welding. (6 pin plug connection).  
**Order K870**



**Hand Amptrol®**  
Provides 25 ft. (7.6m) of remote current control for TIG welding. (6 pin plug connection). Velcro straps secure torch.  
**Order K963-3** (one size fits all Pro-Torch® TIG Torches)



**Precision TIG® 225 Ready-Pak® Pkg.**  
For AC TIG Welding with square wave performance, use the AC generator of the engine-driven welder to supply the power (full rated output may not be available). Easy setup. Includes torch, Foot Amptrol® and Gas Regulator & Hose. Requires the K1816-1 Full KVA Adapter Kit.  
**Order K2535-1**



**Invertec® 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, Twist-Mate™ torch adapter, work cable with Twist-Mate™ end and foot Amptrol®.  
**Order K2350-2**



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

### WIRE FEEDER OPTIONS



**NEW LN-25 PRO Wire Feeder**  
Portable CC/CV unit for flux-cored and MIG welding with MAXTRAC® wire drive system. Includes Gas Solenoid & Internal Contactor.  
**Order K2613-1**



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



**Drive Roll and Guide Tube Kit (for LN-25 PRO)**  
For cored or solid steel wire.  
**Order KP1697-068**  
for .068"-.072" (1.8 mm)  
**KP1697-5/64**  
for 5/64" (2.0 mm)



**Magnum® 300 MIG Gun**  
For .035"-.045" (0.9-1.2 mm) gas-shielded wire with 15 ft. (4.5 m) cable.

**LN-25 PRO Order:**  
**K1802-1** (Includes Connector Kit)



**Drive Roll and Guide Tube Kit (for LN-25 PRO)**  
For .035" and .045" (0.9-1.1 mm) solid steel wire.  
**Order KP1696-1**



**NEW LN-23P Wire Feeder**  
Portable CV unit for Innershield pipe welding. Includes drive rolls and guide tubes. Requires K2393-1 or -2 Input Cable Assembly and Magnum® Innershield® Gun.  
**Order K316L-2**



**NEW Input Cable Assembly for LN-23P**  
8-socket to 14-pin control cable with lugged electrode cable for K316L-2 LN-23P Wire Feeder.  
**Order:**  
**K2393-1** 25 ft. (7.6 m)  
**K2393-2** 75 ft. (22.9 m)



**Magnum® 350 Innershield® Gun (for LN-23P)**  
Rated 350 amps, 60% duty cycle. For .068"-5/64" (1.7-2.0 mm) Innershield® wire and includes reduced speed switch.  
**Order K345-10**



**Magnum® SG Spool Gun**  
Hand held semiautomatic wire feeder. Requires SG Control Module and Input Cable.  
**Order K487-25**



**SG Control Module**  
The interface between the power source and the spool gun. Provides control of the 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® 80**  
Cuts metal using the 3-phase AC generator output from the engine-driven welder.  
**Order K1581-1**

# VANTAGE® 500 ORDER FORM

PRODUCT DESCRIPTION	ORDER NUMBER	QUANTITY	PRICE
<b>VANTAGE® 500 (Deutz® Engine)</b>	<b>K2405-2</b>		
<b>VANTAGE® 500 DEUTZ® ONE-PAK® PKG.</b>	<b>K2288-3</b>		
<b>VANTAGE® 500 DEUTZ® READY-PAK® PKG.</b>	<b>K2290-3</b>		
<b>RECOMMENDED GENERAL OPTIONS</b>			
Power Plug Kit - 20 amp	K802N		
Power Plug Kit - 15 amp	K802R		
Full-KVA Power Plug (1-Phase)	T12153-9		
Medium Welder Trailer with Duo-Hitch™: 2" Ball/Lunette Eye Hitch	K2636-1		
- Fender and Light Kit	K2639-1		
- Cable Rack	K2640-1		
Four-Wheeled Steerable Yard Trailer with Duo-Hitch™: 2" Ball/Lunette Eye Hitch	K2641-2		
Ether Start Kit	K887-1		
Spark Arrestor Kit - Deutz® Engine	K899-1		
Control Panel Cover Kit	K2356-1		
Lockable Fuel Cap/Flash Arrestor Kit	K2340-1		
Polarity/Multi-Process Switch	K2642-1		
Docking Kit	K2663-1		
<b>RECOMMENDED STICK OPTIONS</b>			
Accessory Kit	K704		
Remote Output Control			
- 25 ft. (7.6m)	K857		
- 100 ft. (30.5m)	K857-1		
Remote Output Control w/120V AC Receptacles	K2627-2		
<b>RECOMMENDED TIG OPTIONS</b>			
Pro-Torch® PTA-26V TIG Torch	K1783-9		
Parts Kit	KP509		
Foot Amptrol®	K870		
Hand Amptrol® (All Pro-Torch® TIG torches)	K963-3		
Precision TIG® 225 Ready-Pak® Pkg. (for AC TIG Welding)	K2535-1		
Invertec® V205-T AC/DC One-Pak® Pkg. (for AC TIG welding)	K2350-2		
- Full KVA Adapter Kit (required for K2535-1 and K2350-2)	K1816-1		
<b>RECOMMENDED WIRE FEEDER OPTIONS</b>			
LN™-25 PRO Wire Feeder	K2613-1		
Magnum® 350 Innershield® Gun	K126-2		
Drive Roll and Guide Tube Kit, .068"-.072" (for LN™-25 PRO)	KP1697-068		
Drive Roll and Guide Tube Kit, 5/64" (for LN™-25 PRO)	KP1697-5/64		
Magnum® 300 Gun (for LN™-25 PRO) (includes Connector Kit)	K1802-1		
Drive Roll and Guide Tube Kit (for LN™-25 PRO)	KP1696-1		
LN™-23P Wire Feeder	K316L-2		
- Input Cable Assembly, 25 ft.	K2393-1		
- Input Cable Assembly, 75 ft.	K2393-2		
Magnum® 350 Innershield® Welding Gun	K345-10		
Magnum® SG Spool Gun	K487-25		
- SG Control Module (required)	K488		
- Input Cable (required)	K691-10		
<b>RECOMMENDED PLASMA CUTTING OPTIONS</b>			
Pro-Cut® 80	K1581-1		
<b>TOTAL:</b>			

## 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 information or advice about their use of our products. Our employees respond to inquiries to the best of their ability based on information provided to them by the customers and the knowledge they may have concerning the application. Our employees, however, are not in a position to verify the information provided or to evaluate the engineering requirements for the particular weldment. Accordingly, Lincoln Electric does not warrant or guarantee or assume any liability with respect to such information or advice. Moreover, the provision of such information or advice does not create, expand, or alter any warranty on our products. Any express or implied warranty that might arise from the information or advice, including any implied warranty of merchantability or any warranty of fitness for any customers' particular purpose is specifically disclaimed.

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](http://www.lincolnelectric.com) for any updated information.



**THE LINCOLN ELECTRIC COMPANY®**

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