

Vantage® 400

Compact, Multi-Process, Excellent Value

The Vantage® 400 is one of the most compact 400 amp engine-driven welder/generators in the construction, pipe or rental fleet market today. It's also one of the most quiet, with the smooth running 4-cylinder Perkins® or Kubota diesel engines. Use this multi-process welder for arc gouging with up to 5/16" carbons, stick welding with up to 1/4" electrodes and CV wire welding with up to 3/32" wire. You'll value the superior arc performance delivered by Lincoln® Chopper Technology®. You'll also appreciate VRD™ (Voltage Reduction Device™), which reduces OCV (open circuit voltage) in the CC-Stick weld mode for added safety.

This model efficiency generates 19,000 watts (peak) of 3-phase or 12,000 watts of 1-phase AC generator power for your lights, grinders and power tools. And, it's housed in a rugged, low maintenance stainless steel enclosure and loaded with many innovative service features. That all totals up to an excellent value!

Processes

Stick, TIG, MIG, Flux-Cored, Gouging

Advantage Lincoln

- **Compact Case**
 - One of the most compact 400 amp machines available. Suitable for many pickup and service trucks.
- **Stainless Steel Enclosure**
 - Standard stainless steel roof, side panels and engine-access door deliver added protection and durability.
- **Multi-Process Welding, *NEW* Separate Arc Gouge Mode**
 - Select one of five Process Modes, including CC-Stick (up to 1/4"), Downhill Pipe (for stick), Touch-Start® DC TIG, CV-Wire (up to 3/32")⁽¹⁾ or new Arc Gouging mode which maximizes output with up to 5/16" carbon rods.
- **VRD™ Voltage Reduction Device™**
 - Reduced OCV in the CC-Stick weld mode for added safety.
- **Plenty of AC Generator Power**
 - 19 kW peak (17 kW continuous) 3-Phase 240V AC generator power. Will power industrial equipment such as a plasma cutter, pump or inverter welder.
 - 12 kW peak (11 kW continuous) 1-phase AC generator power for common construction tools.



Output



Input



Perkins Kubota

CONSTRUCTION
EQUIPMENT

Top 100
new products

- ***NEW* Sealed GFCI Modules**
 - GFCI (Ground Fault Circuit Interrupters) are sealed from moisture for more reliable operation.
- **Reliable Engines**
 - 4 cylinder 1800 RPM Perkins® and Kubota® diesel engines run smooth and quiet. Standard engine gauges allow you to monitor performance at a glance.
 - *NEW* 20 gallon fuel tank for longer running time.
- **Low Noise**
 - 99.1 dBA Lwa sound power (74.8 dB at 23 ft./7 m) is one of the quietest 400 amp engine-driven welders available.
- **Innovative Service Access**
 - Lockable, removable sliding engine access door provides ample space for engine and oil filter work without requiring a large clearance space on your truck.
 - Battery drawer on front of machine and top-mounted radiator cover provide convenient access to these systems.
 - Patented tilt down control panel for easy servicing of internal components.
 - Patented radiator cap cover is latched for easy access and is lockable.

⁽¹⁾3/32" E70T-6 up to 260 IPM, 27V.

TECHNICAL SPECIFICATIONS

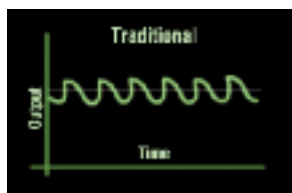
Product Name	Rated Output Current/Voltage/Duty Cycle	Output Range	Engine Model	No. of Cyl.	HP & Speed (rpm)	Dimensions H x W x D Inches (mm)	Net Weight lbs (kg)
Vantage® 400	400A/36V/100% 450A/32V/100%	30-500A DC 40-300A Pipe 20-250A DC TIG 14-36V CV 90-450A Gouge 3-Phase AC Power: 19 kW Peak, 17 kW Continuous 1-Phase AC Power: 12 kW Peak, 11 kW Continuous	Perkins® 404D-22 Diesel <i>NEW</i> EPA Tier 4i	4	32.7 @ 1800	35.9 x 25.3 x 60.0 (913 x 642 x 1524)	1230 (559)
			<i>NEW</i> Kubota® V2403M Diesel EPA Tier 4i		35.5 @ 1800		1245 (565)

PERFORMANCE

Arc Performance

- 400 amps @100% duty cycle with output range up to 500 amps using **CT** Chopper Technology®. All ratings are at temperatures of 104°F/40°C.

WHAT IS **CT** CHOPPER TECHNOLOGY®?



Traditional weld control is more variable around the desired output.



CT Chopper Technology® delivers extremely fast response for smoother output control.

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

Benefits of **CT** Chopper Technology® include:

- Easy arc starting
 - Smooth arc action
 - Low spatter levels
 - Excellent bead appearance
- Arc Gouging with up to a 5/16" carbon. **NEW!** A separate arc gouging mode maximizes output.
 - VRD™ (Voltage Reduction Device™) reduced OCV (open circuit voltage) in CC-stick welding mode for added safety.

WHAT IS VRD™?

The VRD™ (Voltage Reduction Device™) provides additional safety in the CC-Stick weld mode, especially when working in an environment with a higher risk of electrical shock such as wet areas and hot, humid sweaty conditions. The VRD™ reduces the OCV (open circuit voltage) at the welding output terminals while not welding to less than 30 volts DC.

The VRD™ is activated by flipping a toggle switch inside the machine to the "ON" position. Indicator lights monitor the voltage: green for less than 30 volts while not welding, and either red (greater than 30 volts) or green while welding, depending on the actual voltage of the arc.

Other weld modes when VRD™ is on:

- Downhill Pipe** - There is no output.
- CV-Wire** - OCV is not reduced.
- Touch Start TIG®** - No difference in operation. TIG is normally a low voltage (less than 30 volts) operation.



VRD™ portion of nameplate with green light on.

- 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 use of high-frequency equipment.

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.

- Excellent CV wire welding with cored-wire and MIG (CO2 and blended gas). 3/32" E70T-6 up to 260 IPM, 27V.

Generator Performance

- 3-Phase 240V AC generator power rated at 19 kW peak (17 kW continuous) output to power industrial equipment such as a plasma cutter, pump or inverter welder. Simultaneously weld and use 3-Phase AC power - for example, up to 9,400 watts can be delivered while welding at 300 amps. Compare to competitive product which has 3-Phase power available as an extra-cost factory-only option.
- 3-Phase 240V receptacle on control panel eliminates the need to hard-wire the connections.
- The Vantage® 400 provides added value at the job site by delivering up to 12 kW peak (11 kW continuous) 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 - 4,700 watts can be delivered while welding at 300 amps.
- AC generator voltage is constant at 120V or 240V at any weld dial setting.
- NEW!** Two 120V GFCI modules sealed from moisture for more reliable operation.
- All receptacles are circuit breaker protected. **NEW!** Each receptacle has a spring-loaded weather protective cover which keeps each receptacle protected from the environment when not in use.

SIMULTANEOUS WELDING AND AUXILIARY POWER

Weld Amps		1 Phase Watts Amps		3 Phase Watts Amps		Simultaneous 1 and 3 Phase Watts Amps	
0		11,000	46	17,000	41	11,000	-
100		11,000	46	15,400	37	11,000	-
200		8,000	33	13,000	31	8,000	-
300	AND	4,700	20	9,400	23	4,700	-
400		1,700	7	3,400	8	1,700	-
500		0	0	0	0	0	-

A CLOSER LOOK

FEATURES



Single-side engine access with lockable sliding door.



Fuel, Oil Pressure and Engine Temperature gauges help you monitor performance.



Output automatically switches to remote mode when remote device is connected. **NEW** For the downhill pipe mode the machine output dial becomes a maximum current limit for more fine tuning with the remote control dial.



Convenient slide-out battery drawer below control panel.



Patent-pending latched and lockable radiator cap cover.



Handy oil drain valve and tube makes oil changes easy.

- Simple Controls – Keeps training time to a minimum. The flip-down control panel door keeps less frequently used dials out of the way. Scratch-resistant Lexan® nameplate.
- Digital weld meters for amps and volts output make it easy to precisely set your procedures.
- **NEW** Large 20 gallon (76 liter) fuel tank provides run time for an extended day—over 16 hours of welding at 400A/36V/100% duty cycle output, or 36 hours at high idle.
- Great Engine Choices – 32.7 horsepower water-cooled 4 cylinder Perkins® 404D-22 or 35.5 HP Kubota® diesel engine. Each engine

has an automatic idler for greater fuel economy and reduced noise, and a glow plug button for cold weather starting.

- Engine hour meter for scheduled maintenance.
- LN-25 PRO Across-the-Arc wire feeder is a recommended option.
- 14-pin connector for Lincoln wire feeders with control cables LF-72, LF-74, LN-7, LN-8, LN-15, LN-23P, LN-25 and LN-742. Also compatible with Magnum® SG Spool Gun System.
- Two Vantage® 400 units can be paralleled in the CC-Stick Mode to increase output.

Key Controls



1. Glow Plug Button
2. Weld Mode Selector Switch
3. Run/Stop Switch
4. Hour Meter
5. Start Pushbutton
6. Engine Idler Switch
7. Fuel Level, Engine Temperature and Oil Pressure Gauges
8. Engine Protection Light
9. Engine Battery Charging Light
10. 120 VAC Circuit Breakers
11. 120 VAC Receptacles
12. Covered Weld Output Terminals + and -
13. Sealed GFCI Modules
14. Ground Stud
15. 120/240 VAC Full-KVA 1-Phase Receptacle
16. 240 VAC Full-KVA 3-Phase Receptacle
17. Full-KVA 1- & 3-Phase Circuit Breaker
18. 14-Pin Wire Feeder Connector
19. 6-Pin Remote Control Connector
20. Arc Force & Inductance/Pinch Control Dial
21. Welding Terminals Control Switch
22. Wire Feeder Voltmeter Polarity Switch
23. Digital Amps and Volts Output Meters
24. VRD Indicator Lights
25. Output Control Dial

A CLOSER LOOK

QUALITY AND RELIABILITY

- 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 or high engine temperature. 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.
- Environmental 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 engine simplifies startup if your fuel tank runs dry.
- Perkins® and Kubota® engine camshafts are gear-driven. No timing belt maintenance.

- 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.
- Standard stainless steel roof, side panels and engine-access door deliver added protection, durability and corrosion-resistance. Eliminates the need to paint or replace rusting panels.
- Manufactured under a quality system certified to ISO 9001 requirements and ISO 14001 environmental standards.
- CSA (Canadian Standards Association) Certified.
- 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® 400 Perkins®	NEW! K2410-3	400 Amp DC Welder with Engine Gauges	DC Constant Current 400A/36V/100% 450A/32V/100% 30-500A	DC Constant Voltage(2) 400A/36V/100% 450A/32V/100%	19,000 Peak Watts, 60 Hz	35.9 x 25.3 x 60.0 (913 x 642 x 1524)	1230 (559)
NEW! Vantage® 400 Kubota®	NEW! K2711-1	19,000 Watts Peak 17,000 Watts Continuous AC Power 3-Phase 12,000 Watts Peak 11,000 Watts Continuous AC Power 1-Phase	DC Pipe Current 300A/32V/100% 40-300A Touch-Start TIG® Range 250A/30V/100% 20-250A NEW! Arc Gauge 400/36V/100% 90-450A Single Dial Continuous Control 60V DC Max OCV @1880 RPM	14-36V Single Dial Continuous Control Wire Feeder Power 120V/60Hz 42V/60Hz	NEW! Two 120V Duplex Receptacles w/ Sealed GFCI Modules. 20A Per Duplex 40A Total (5) 1-Phase Full KVA Receptacle 46A@240V 46A@120V Each Branch Circuit(5) 3-Phase Full KVA Receptacle 41A@240V		1245 (565)

(1) High Altitude: Perkins® – for maximum rating, derate the output 2.5% to 3.5% for every 1,000 ft. (300 m). Kubota® – for maximum rating, derate the output 4% for every 1,000 ft. (300 m) above 4,900 ft. (1500 m). High Temperature: For maximum rating, derate 2 volts for every 18°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 case. Add 7.4 in. (187mm) to top of exhaust elbow.

ENGINE SPECIFICATIONS

Product Name	Description	Horsepower & Displacement	Capacities	Operating Speeds	Fuel Consumption
Perkins® 404D-22 (7) NEW! EPA Tier 4i	4 Cylinder, 4 Cycle Water-Cooled Diesel Engine, 12V Electric Start, Dry Type Air Cleaner, Fuel Filter with Water Separator, Mechanical Governor	32.7 HP @ 1800 RPM 136 cu. in. (2.2 ltrs)	NEW! FUEL: 20 gals (76 ltrs) OIL: 8.5 qts (8.0 ltrs) RADIATOR COOLANT: 8.0 qts (7.6 ltrs)	400A Load 1800 RPM High Idle 1880 RPM Low Idle 1400 RPM	1.2 Gal/Hr 4.4 Ltr/Hr 0.4 Gal/Hr 1.5 Ltr/Hr 0.3 Gal/Hr 1.1 Ltr/Hr
NEW! Kubota® V2403M (7) EPA Tier 4i	4 Cylinder, 4 Cycle Water-Cooled Diesel Engine, 12V Electric Start, Dry Type Air Cleaner, Fuel Filter with Water Separator, Electronic Governor	35.5 HP @ 1800 RPM 149 cu. in. (2.4 ltrs)	NEW! FUEL: 20 gals (76 ltrs) OIL: 10.0 qts (9.5 ltrs) RADIATOR COOLANT: 8.0 qts (7.6 ltrs)	400A Load 1800 RPM High Idle 1800 RPM Low Idle 1400 RPM	1.6 Gal/Hr 5.9 Ltr/Hr 0.6 Gal/Hr 2.3 Ltr/Hr 0.4 Gal/Hr 1.6 Ltr/Hr

(7) Perkins® warranty is 2 years/2,000 hours, all non-electric components, 3 years major non-electric components. See warranty for details.

(8) Kubota® engine warranty for U.S. and Canada is 2 years/2,000 hours, 3 years major components. Some limitations exist for Canada. See warranty statement for details.

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. (One-Pak® Packages require assembly.)

Each UNASSEMBLED Package Contains:

- NEW!** • Vantage® 400 (See Order Number Below)
- 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:

- NEW!** K2508-3 Vantage® 400 Perkins® One-Pak® Package
- NEW!** K2717-3 Vantage® 400 Kubota® One-Pak® Package



Vantage® 400



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® Package and get an **assembled** welding package.

Each COMPLETELY ASSEMBLED Package Contains:

- NEW!** • Vantage® 400 (See Order Number Below)
- 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:

- NEW!** K2509-3 Vantage® 400 Perkins® Ready-Pak® Package
- NEW!** K2718-3 Vantage® 400 Kubota® 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 14-50P.

Order T12153-9



Full-KVA Power Plug (3-Phase)

One plug rated at 240V, 50 amps. NEMA 15-50P.

Order T12153-10



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



Spark Arrestor Kit

Mounts to Muffler Exhaust Tube. Virtually eliminates spark emissions.

Order K903-1



Service Indicator Kit

Provides a GO/NO-GO visual indication of air cleaner element useful service life. Filter service based on restriction readings allows the longest life possible from the filter and best engine protection.

Order K1858-1



NEW

Cold Weather Kit

For engine starting and operation in extreme cold weather conditions down to -40°F (-40°C) (with the use of 0W40 synthetic oil and arctic diesel fuel). Includes 120V AC oil pan heater, 120V AC engine block heater, and radiator grill tarp.

Order K2679-1 for Perkins®

Order K2735-1 for Kubota®



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 & 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. 20 amp capacity.

Order K2627-2

TIG OPTIONS



Pro-Torch® PTA-26V TIG Torch

Air-cooled 200 amp torch (2 piece) equipped with valve for gas flow control. 25 ft. (7.6 m) length.

Order K1783-9

RECOMMENDED OPTIONS



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. (7.6 m) of remote output control for TIG welding. (6-pin plug connection).
Order K870



Hand Amptrol®

Provides 25 ft. (7.6 m) 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®. Requires K1816-1 Full-KVA Adapter Kit.
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 Lincoln 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 and 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® 55

Cuts metal using the AC generator power from the engine-driven welder. Accepts 3-phase or 1-phase input power. Requires the K1816-1 Full KVA adapter kit, if connected for 1-phase input power.

Order K1580-1



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 Lincoln engine-driven welders.

Order K1816-1

VANTAGE® 400 ORDER FORM

PRODUCT DESCRIPTION	ORDER NUMBER	QUANTITY	PRICE
NEW! VANTAGE® 400 PERKINS®	K2410-3		
NEW! VANTAGE® 400 PERKINS® ONE-PAK® PKG.	K2508-3		
NEW! VANTAGE® 400 PERKINS® READY-PAK® PKG.	K2509-3		
VANTAGE® 400 KUBOTA®	K2711-1		
VANTAGE® 400 KUBOTA® ONE-PAK® PKG.	K2717-3		
VANTAGE® 400 KUBOTA® READY-PAK® PKG.	K2718-3		
RECOMMENDED GENERAL OPTIONS			
Power Plug Kit - 20 amp	K802N		
Power Plug Kit - 15 amp	K802R		
Full-KVA Power Plug (1-Phase)	T12153-9		
Full-KVA Power Plug (3-Phase)	T12153-10		
Medium Welder Trailer with Duo-Hitch™ 2" Ball/Lunette Eye Hitch	K2636-1		
NEW! - Fender and Light Kit	K2639-1		
NEW! - Cable Rack	K2640-1		
NEW! Four-Wheeled Steerable Yard Trailer	K2641-2		
NEW! (with Duo-Hitch™: 2" Ball/Lunette Eye Hitch)			
Spark Arrestor Kit	K903-1		
Service Indicator Kit	K1858-1		
Cold Weather Kit (Perkins®)	K2679-1		
NEW! Cold Weather Kit (Kubota®)	K2735-1		
NEW! Polarity/Multi-Process Switch	K2642-1		
NEW! Docking Kit	K2663-1		
RECOMMENDED STICK OPTIONS			
Accessory Kit	K704		
Remote Output Control			
- 25 ft. (7.6m)	K857		
- 100 ft. (30.5m)	K857-1		
NEW! Remote Output Control w/120V AC Receptacles	K2627-2		
RECOMMENDED TIG OPTIONS			
Pro-Torch® PTA-26V TIG Torch	K1783-9		
Magnum® Parts Kit For PTA-26V TIG Torch	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		
RECOMMENDED WIRE FEEDER OPTIONS			
NEW! 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 MIG Gun (for LN-25 PRO) (includes Connector Kit)	K1802-1		
Drive Roll and Guide Tube Kit (for LN-25 PRO)	KP1696-1		
NEW! LN-23P Wire Feeder	K316L-2		
NEW! - Input Cable Assembly, 25 ft. (7.6 m)	K2393-1		
NEW! - Input Cable Assembly, 50 ft. (15.2 m)	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		
RECOMMENDED PLASMA CUTTING OPTIONS			
Pro-Cut® 55	K1580-1		
- Full KVA Adapter Kit (required for 1-phase input power)	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 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.

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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.