Vantage<sup>®</sup> 300

Compact, Multi-Process, Excellent Value

The Vantage® 300 is an ideal choice for construction teams, pipe rig owners and rental fleet managers. Housed in a compact, corrosion-resistant stainless steel case, this rugged welder/generator features Lincoln Chopper Technology® to deliver great arc starts and a smooth arc for stick, TIG or wire welding.

The quiet, smooth-running 1800 rpm water-cooled 4 cylinder Kubota® or Deutz® diesel engine generates 12,500 watts of 3 Phase or 11,500 watts of 1 Phase auxiliary power. And, it's loaded with convenience features you'll wish you had on your last welder! It all adds up—top arc performance, a smooth reliable engine, plenty of auxiliary power, compact case and tough materials that are built to last!

#### **Processes**

Stick, TIG, MIG, Flux-Cored, Gouging



## Output











# **Advantage Lincoln**

# • Compact Case With Stainless Steel Enclosure

Small size and light weight is suitable for many pickup trucks.
 Standard stainless steel roof, side panels and engine-access door deliver added protection and durability.

# • Multi-Process Welding, Simple to Operate

Select one of four Process Modes, including CC-Stick (up to 3/16"), Downhill Pipe (for stick), Touch-Start TIG® or CV-Wire (up to 5/64"), and then dial in the desired output.

# • Plenty of AC Generator Power

- 12.5 kW peak (11 kW continuous) 3-Phase 240V AC generator power. Will power industrial equipment such as a plasma cutter, pump or inverter welder.
- 11.5 kW peak (10 kW continuous) 1-phase AC generator power for common construction tools.

# Arc Gouging

- Arc gouging with up to 1/4" carbons.

# • Reliable Engines

 4 cylinder 1800 RPM Kubota® or Deutz® diesel engines run smooth and quiet. Standard engine gauges allow you to monitor performance at a glance.

# • 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. 55% more access than competitive product.
- Battery drawer on front of machine and top-mounted radiator cover provide convenient access to these systems.
- Patent-pending tilt down control panel for easy servicing of internal components.

TECHNICAL SPECIFICATIONS								
Product Name	Rated Output Current/Voltage/Duty Cycle	Output Range	Engine Model	No. of Cyl.	HP & Speed (rpm)	Dimensions HxWxD Inches (mm)	Net Weight Ibs (kg)	
Vantage® 300	300A/32V/100% 350A/28V/100%	30-400A DC 40-300A Pipe 20-250A DC TIG 14-32V CV  3-Phase AC Power: 12.5 kW Peak 11.0 kW Continuous  1-Phase AC Power: 11.5 kW Peak 10.0 kW Continuous	Kubota® V1505 Diesel  Deutz® D2008L4 Diesel	4	22@1800 24@1800	35.9 x 25.3 x 60.0 (913 x 642 x 1524)	1035 (469) 1150 (522)	

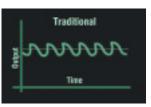


#### **PERFORMANCE**

#### **Arc Performance**

300 amps @100% duty cycle with output range up to 400 amps.
 All ratings are at temperatures of 104°F/40°C.

# WHAT IS CHOPPER TECHNOLOGY?





Traditional weld control is more variable around the desired output

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

Patented and award-winning Lincoln CD. 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
- Arc Gouging The Vantage® 300 is capable of gouging with up to a 1/4" 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 DC Touch-Start TIG<sup>®</sup> welding, not scratch start, for easy arc starting that avoids tungsten contamination and the use of high-frequency.

# 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 (CO<sub>2</sub> and blended gas).

#### **Generator Performance**

- 3-Phase 240V AC generator power rated at 12.5 kW peak
   (11 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 5,300 watts can be delivered
   while welding at 200 amps. Compare to competitive product which
   does not have 3-Phase power.
- 3-Phase 240V receptacle on control panel eliminates the need to hard-wire the connections.
- The Vantage® 300 provides added value at the job site by delivering up to 11.5 kW peak (10 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 3,500 watts can be delivered while welding at 250 amps. Compare to competitive product which has no AC generator power at 225 amps welding and above.
- AC generator voltage is constant at 120V or 240V at any weld dial setting.
- Two 120V GFCI duplex receptacles.
- All receptacles are circuit breaker protected.

#### SIMULTANEOUS WELDING AND AUXILIARY POWER **Weld Amps** 1 Phase Simultaneous 1 and 3 Phase 3 Phase Watts **Amps** Watts Amps Watts Amps 0 10000 42 27 11000 10000 100 8300 35 8500 20 8300 5300 5300 200 22 5700 14 3500 OR OR 250 AND 15 3500 8 3500 300 400 2 800 2 400 400 0 0 0



# A CLOSER LOOK

# **FEATURES**



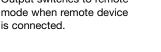
Single-side engine access with lockable sliding door.

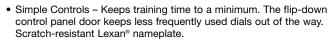


Fuel, Oil Pressure and Engine Temperature gauges help you monitor performance.



Output switches to remote mode when remote device





- Optional digital meters for amps and volts output make it easy to precisely set your procedures.
- Large 15 gallon (57 liter) fuel tank provides run time for an extended day-13 hours of welding at 300A/32V/100% duty cycle output, or 37 hours at high idle.
- Kilowatts available for Multi-Weld™ 350 use: 4.8 KW @ 60 VDC, 7.0 KW @ 58 VDC.





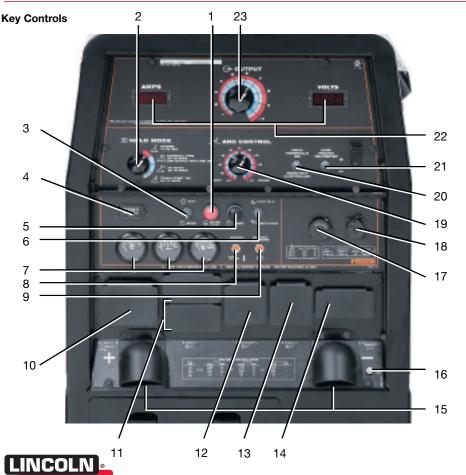


Convenient battery tray below control panel.

Latched and lockable radiator cap cover.

Handy oil drain valve and tube makes oil changes neat.

- Two Great Engine Choices Kubota® V1505 or Deutz® D2008L4. Both are 22 horsepower water-cooled 4 cylinder diesel engines. Both engines also have an automatic idler for greater fuel economy and reduced noise.
- Engine hour meter for scheduled maintenance.
- LN-25 PRO Arcoss-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, LN23P, LN-25, and LN-742. Also compatible with Magnum® SG Spool Gun System.
- Two Vantage® 300 units can be paralleled in the CC-Stick Mode to increase output.



- 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. Circuit Breakers, except 240 VAC 3-Phase
- 11. 120 VAC GFCI Receptacles
- 12. 120/240 VAC Full-KVA 1-Phase Receptacle
- 13. 240 VAC Full-KVA 3-Phase Receptacle
- 14. 240 VAC 3-Phase Circuit Breaker
- 15. Covered Weld Output Terminals + and -
- 16. Ground Stud
- 17. 14-Pin Wire Feeder Connector
- 18. 6-Pin Remote Control Connector
- 19. Arc Force & Inductance/Pinch Control Dial
- 20. Welding Terminals Control Switch
- 21. Wire Feeder Voltmeter Polarity Switch
- 22. Optional Digital Amps and Volts Output Meters
- 23. Output Control Dial

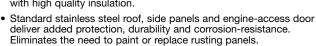
Note: Control panel door not shown.

**ELECTRIC** 

#### **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.
- Kubota® and Deutz® engine camshafts are gear-driven. No timing belt maintenance.

- · Printed circuit boards are environmentallyshielded 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.



- 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 (parts and labor) on welder. (Engine is warranted separately by the manufacturer.)

	MACHINE SPECIFICATIONS							
Product Name	Ordering Information		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 Ibs. (kg)	
Vantage® 300 Kubota®	K2409-1	300 Amp DC Welder with Engine Gauges	DC Constant Current 300A/32V/100%	DC Constant Voltage(2) 300A/32V/100%	12,500 Peak Watts, 60 Hz	35.9 x 25.3 x 60.0 in (913 x 642 x 1524mm)	1035 lbs. (469 kg)	
Vantage® 300 Deutz®	K2499-1	12,500 Watts Peak 11,000 Watts Continuous AC Power 3-Phase  11,500 Watts Peak 10,000 Watts Continuous AC Power 1-Phase	350A/28V/100% 30-400 Amps  DC Pipe Current 300A/32V/100% 40-300A  Touch-Start TIG® Range 250A/30V/100% 20-250 Amps  Single Dial Continuous Control 60V DC Max OCV @1890 RPM	350A/28V/100%  14-32V Single Dial Continuous Control  Wire Feeder Power 120V/60Hz 42V/60Hz	Two 120V Duplex GFCI Receptacles 20A Per Duplex 40A Total (5)  1-Phase Full KVA Receptacle 42A@240V 42A@120V Each Branch Circuit(5)  3-Phase Full KVA Receptacle 27A@240V		1150 lbs (522 kg)	

- (1) High Altitude: For maximum rating, derate the output 2.5% to 3.5% for every 1,000 ft. (300 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 5 in. (127 mm) to top of exhaust elbow for Kubota® and for Deutz®.

ENGINE SPECIFICATIONS						
Product Name	Description	Horsepower & Displacement	Capacities	Operating Speeds	Fuel Consumption	
Kubota® V1505 <b>(7)</b>	4 Cylinder, 4 Cycle Water-Cooled Diesel Engine,	22 HP@1800 RPM	FUEL: 15 gals (57 ltrs)	<b>300A Load</b> 1800 RPM	1.2 Gal/Hr 4.4 Ltr/Hr	
	12V Electric Start, Dry Type Air Cleaner,	91 cu in (1.5 ltrs)	OIL: 6.4 qts (6.0 ltrs)	<b>High Idle</b> 1890 RPM	0.4 Gal/Hr 1.5 Ltr/Hr	
	Fuel Filter with Water Separator EPA Tier II	()	RADIATOR COOLANT: 7.2 qts (6.8 ltrs)	Low Idle 1350 RPM	0.3 Gal/Hr 1.1 Ltr/Hr	
Deutz® D2008L4 <b>(8)</b>	4 Cylinder, 4 Cycle Water-Cooled Diesel Engine,	24 HP@1800 RPM	FUEL: 15 gals (57 ltrs)	<b>300A Load</b> 1800 RPM	1.2 Gal/Hr 4.4 Ltr/Hr	
	12V Electric Start, Dry Type Air Cleaner,	95 cu in (1.6 ltrs)	OIL: 7.8 qts (7.4 ltrs)	High Idle 1800 RPM	0.5 Gal/Hr 1.8 Ltr/Hr	
	Fuel Filter with Water Separator EPA Tier II		RADIATOR COOLANT: 7.9 qts (7.5 ltrs)	<b>Low Idle</b> 1400 RPM	0.3 Gal/Hr 1.3 Ltr/Hr	

<sup>(7)</sup> Kubota® warranty is 2 years/2,000 hours for machines shipped within the U.S., Canada, Pacific Ocean region and Western Europe. Warranty is 1 year/1,000 hours for Central and South America, Asia, Africa and Middle East.

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



Vantage® 300 www.lincolnelectric.com

## 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:** • Vantage® 300 (See Order Number Below)



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



• Cable Rack (K2640-1)

• Cable Connectors - two (K2487-1)

• Electrode Cable 2/0, two 50 ft. (15.3 m) lengths (K2485-2)

• Electrode Cable 2/0, 10 ft. (3 m) (K2483-2)

• Work Cable 2/0, 50 ft. (15.3 m) (K2484-2)

• 300A Electrode Holder (K909-7)

• 300A Work Clamp (K910-1)

#### Order:

NEW! K2452-3 Vantage 300 Kubota One-Pak Package

NEW! K2506-3 Vantage 300 Deutz One-Pak Package







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:**

- Vantage® 300 (See Order Number Below)
- Medium Welder Trailer (K2636-1)
- Duo-Hitch™ 2" Ball/Lunette Eye Hitch (included)
- Fender and Light Kit (K2639-1)
- Cable Rack (K2640-1)
  - Cable Connectors two (K2487-1)
  - Electrode Cable 2/0, two 50 ft. (15.3 m) lengths (K2485-2)
  - Electrode Cable 2/0, 10 ft. (3 m) (K2483-2)
  - Work Cable 2/0, 50 ft. (15.3 m) (K2484-2)
  - 300A Electrode Holder (K909-7)
  - 300A Work Clamp (K910-1)

# Order:

NEW! K2453-3 Vantage 300 Kubota Ready-Pak Package NEW! K2507-3 Vantage 300 Deutz Ready-Pak Package







#### **GENERAL OPTIONS**

## Power Plug Kit (20A)

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 K802N



## Power Plug Kit (15A)

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 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 Exhust Tube. Virtually eliminates spark emissions. Order K1898-1

## **Digital Weld Meters Kit**

Easy-to read digital meters for volts and amps. Easy to install.

Order K2467-1



# 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)



#### **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



#### 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

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. Easy setup. Includes torch, Foot Amptrol® and Gas Regulator & Hose. Re-quires 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<sup>™</sup> 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

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) gasshielded wire with 15 ft. (4.5 m) cable. LN-25 PRO Order:

K1802-1 (Includes Connector Kit)



**ELECTRIC** 

THE WELDING EXPERTS

## **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® 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

Order K355-10



#### 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

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® 300

## **VANTAGE® 300 ORDER FORM**

PRODUCT DESCRIPTION	ORDER NUMBER	QUANTITY	PRICE
VANTAGE® 300 KUBOTA®	K2409-1		
VANTAGE® 300 KUBOTA® ONE-PAK® PKG.	K2452-3		
VANTAGE® 300 KUBOTA® READY-PAK® PKG.	K2453-3		
VANTAGE® 300 DEUTZ®	K2499-1		
	K2506-3		
VANTAGE® 300 DEUTZ® ONE-PAK® PKG. VANTAGE® 300 DEUTZ® READY-PAK® PKG.	K2500-3		
VANTAGE 300 DEGIZ READT-PAR FRG.	K2507-3		
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		
- Fender and Light Kit	K2639-1		
- Cable Rack	K2640-1		
Four-Wheeled Steerable Yard Trailer	K2641-2		
	N2041-2		
(with Duo-Hitch™: 2" Ball/Lunette Eye Hitch)	1/4000 4		
Spark Arrestor Kit	K1898-1		
Digital Weld Meters Kit	K2467-1		
RECOMMENDED STICK OPTIONS			
Accessory Kit	K704		
Remote Output Control			
- 25 ft. (7.6m)	K857		
- 100 ft. (30.5m)	K857-1		
RECOMMENDED TIG OPTIONS Pro-Torch® PTA-26V TIG Torch	1/4700.0		
	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 K2350-1)	K1816-1		
RECOMMENDED WIRE FEEDER OPTIONS			
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		
LN-23P Wire Feeder	K316L-2		
- Input Cable Assembly, 25 ft. (7.6 m)	K2393-1		
- Input Cable Assembly, 50 ft. (7.6 m)	K2393-1		1
- Input Cable Assembly, 50 ft. (15.2 m)  Magnum <sup>®</sup> 250 Innershield <sup>®</sup> Welding Gun			
	K355-10		1
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:		
	I		1
	<u> </u>		

#### 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 responsible 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.

