



# ADVANTAGE

**Compact, multi-process, excellent value**

- ✓ **Compact case**  
with stainless steel enclosure
- ✓ **Arc gouging**  
up to 8mm (V400) & 10mm(V500)
- ✓ **Downhill pipe welding mode**  
Excellent for cellulosic electrodes
- ✓ **Built-in "hot start"**  
for easier starts and restrikes
- ✓ **Reliable engine 4 cylinder**  
water cooled, 1500rpm Perkins Diesel engine
- ✓ **Innovative Service Access**  
with auto-reconnect between 115/230V
- ✓ **VRD™ device**  
for added safety
- ✓ **Low noise**  
to fit with new European norms
- ✓ **Built the Lincoln Way**  
Robust and reliable
- ✓ **3 Years Full Parts and Labour Warranty**



## TAKE THE ADVANTAGE

The Vantage® 400 CE and 500 CE are ones of the most compact and powerful engine-driven welders / generators in the construction, pipe or rental fleet market today.

They are also the most quiet, with a smooth running 4-cylinder Perkins® water-cooled diesel engines.

Use these multi-process welders for Stick welding with a large variety of electrodes, Lift TIG welding, CV welding with shielding gas or Innershield wires, and arc gouge up to 8 mm carbons for Vantage 400 and 10 mm carbons for Vantage 500.

You will value the superior arc performance delivered by exclusive Lincoln Chopper Technology™.

You will also appreciate VRD™ (Voltage Reduction Device™), which reduces OCV (open circuit voltage) in the CC-Stick weld mode for added safety. These models effectively generate high auxiliary power on 3-phase or 1-phase AC to power your lights, grinders, power tools, Inverters, etc...

Last but not least, they are housed in a rugged, low maintenance stainless steel enclosure and loaded with many innovative service features.

### CHOPPER TECHNOLOGY™

#### Traditional technology



The weld control is more variable around the desired output.

#### Chopper technology™



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

## TECHNICAL SPECIFICATIONS

Product	Item Number	Rated output	Output range	AC generator power	AC generator receptacles	Weight	Dimensions HxWxD (mm)
Vantage 400	K2502-3	350A / 34V @ 100% 400A / 30V @ 60%	30-400A	13.2 kW	115V / 1ph 220V / 1ph 400V / 3ph	560 kg	913 x 642 x 1524
Vantage 500	K2503-3	400A / 36V @ 100% 450A / 38V @ 60%	30-500A	14.5 kW		586 kg	913 x 687 x 1590

## ENGINE SPECIFICATIONS

Product	Model	Description	Horse power & displacement	Operation speeds (rpm)	Fuel Consumption (l/hr)	Noise	Capacities (l)
Vantage 400	Perkins 404D-22	4 cylinders 4 cycles Water cooled 12V electric start Dry type air cleaner	28HP@ 1500rpm 2200cm <sup>3</sup>	Full load : 1500 Low idle : 1200	4.81 1.10	Sound power : 96Lwa* Sound level : 71dBA @7m	Fuel : 76 Oil : 10.6 Coolant : 7.6
Vantage 500	Perkins 404D-22 turbo	Fuel with water separator (Turbo for V500)	38HP@ 1500rpm 2200cm <sup>3</sup>		6.50 1.16		

## ACCESSORIES

Item Number	Description
KIT400A-70-5M	Cable kit 400A, 70mm <sup>2</sup> , 5m
GRD-400A-70-5M	Ground cable kit 400A, 70mm <sup>2</sup> , 5m
K10095-1-15M	Control box, 1 potentiometer, 6 pins, 15m
K10398	Extension cable for remote control box, 15m
K10419-1-INST	TIG box +V270T, installed
K903-1	Spark arrestor
K10417-I-INST	Petrochemical kit factory installed
K2641-2	4-wheel steerable trailer (offroad, plant, yard)
K2636-1	2-wheel undercarriage
K10418-1-INST	Road undercarriage, factory installed



Single-side engine access with lockable siding door

United Kingdom : Lincoln Electric (UK) Ltd.  
Tel: +44 114 287 2401 Fax: +44 114 287 2582

Belgium: Lincoln Smitweld Belgium  
Tel: +32 2 377 00 71 Fax: +32 2 378 18 77

France: Lincoln Electric France SAS  
Tel: +33 232 11 40 40 Fax: +33 232 11 40 11

Germany: Lincoln Electric Deutschland  
Tel: +49 2102/7 13 96-0 Fax: +49 2102/7 13 96-31

Italy: Lincoln Electric Italia, SRL  
Tel: +39 010 754 111 Fax: +39 010 754 1150

The Netherlands: Lincoln Smitweld B.V.  
Tel: +31 24 352 29 11 Fax: +31 24 352 22 02

Denmark: Lincoln Electric Nordic  
Tel: +45 86 26 51 00 Fax: +45 86 26 51 50

Spain: Lincoln KD, Sa  
Tel: +34 93 685 9600 Fax: +34 93 685 9610

Poland: Lincoln Electric Bester S.A.  
Tel: +48 746 46 1100 Fax: +48 746 46 1082

Other countries: Lincoln Electric Europe B.V.  
Tel: +31 24 352 29 27 Fax: +31 24 352 29 29



1. Glow Plug Button
2. Weld Mode Selector Switch
3. Run/Stop Switch
4. Hour Meter
5. Start Push Button
6. Engine Idler Switch
7. Fuel Level, Engine Temperature, Oil Pressure Gauges
8. Engine Protection Light
9. Engine Battery Charging Light
10. 14-Pin Wire Feeder Connector
11. 6-Pin Remote Control Connector
12. Arc Force & Inductance/Pinch Ctrl Dial
13. Welding Terminals Control Switch
14. Wire Feeder Voltmeter Polarity Switch
15. Digital Amps and Volts Output Meters
16. VRD Indicator Lights
17. Output Control Dial

Your Lincoln Electric Distributor:

**LINCOLN**<sup>®</sup>  
**ELECTRIC**

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