

## ADVANTAGE

- ▶ **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 cylinders**  
water cooled, 1500rpm Perkins Diesel engine
- ▶ **Innovative Service Access**  
with auto-reconnect between 115/230V
- ▶ **Low noise**  
to fit with new European norms
- ▶ **VRD™ device**  
for added safety



## Compact, Multi-process Excellent value

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®



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

# Vantage<sup>®</sup> 400 – 500

## TECHNICAL SPECIFICATIONS

| Product     | Item Number | Rated output                          | Output range | AC generator power | AC generator receptacles               | Weight (kg) | Dimensions HxWxD (mm) |
|-------------|-------------|---------------------------------------|--------------|--------------------|----------------------------------------|-------------|-----------------------|
| Vantage 400 | K2502-3     | 350A / 34V @ 100%<br>400A / 30V @ 60% | 30-400A      | 13.2 kW            | 115V / 1ph<br>220V / 1ph<br>400V / 3ph | 560         | 913 x 642 x 1524      |
| Vantage 500 | K2503-3     | 400A / 36V @ 100%<br>450A / 38V @ 60% | 30-500A      | 14.5 kW            |                                        | 586         | 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<br>4 cycles<br>Water cooled<br>12V electric start<br>Dry type air cleaner<br>Fuel with water separator<br>(Turbo for V500) | 28HP@<br>1500rpm<br>2200cm <sup>3</sup> | Full load : 1500<br>Low idle : 1200 | 4.81<br>1.10            | Sound power :<br>96Lwa*<br>Sound level :<br>71dBA @7m | Fuel : 76<br>Oil : 10.6<br>Coolant : 7.6 |
| Vantage 500 | Perkins 404D-22 turbo |                                                                                                                                        | 38HP@<br>1500rpm<br>2200cm <sup>3</sup> |                                     | 6.50<br>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

## KEY FEATURES



- Glow Plug Button
- Weld Mode Selector Switch
- Run/Stop Switch
- Hour Meter
- Start Push Button
- Engine Idler Switch
- Fuel Level, Engine Temperature, Oil Pressure Gauges
- Engine Protection Light
- Engine Battery Charging Light
- 14-Pin Wire Feeder Connector
- 6-Pin Remote Control Connector
- Arc Force & Inductance/Pinch Ctrl Dial
- Welding Terminals Control Switch
- Wire Feeder Voltmeter Polarity Switch
- Digital Amps and Volts Output Meters
- VRD Indicator Lights
- Output Control Dial

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