

# ENGINE DRIVEN WELDER

## VANTAGE 500

50Hz POWER  
240V / 415V



## Multi-Process Capability

The Vantage® 500 is one of the most compact and powerful engine-driven welders / generators in the construction, pipe, mining or rental fleet market today. It is also very quiet, with a smooth running 4-cylinder Perkins® water-cooled diesel engines.

Use it 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 10 mm carbons.

You will value the superior arc performance delivered by exclusive Lincoln Chopper Technology™, and appreciate VRD™ (Voltage Reduction Device™), which reduces OCV (open circuit voltage) in the CC-Stick weld mode for added safety.

This Vantage 500 model effectively generates high auxiliary power on 3-phase or 1-phase 50Hz AC to power your lights, grinders, power tools, Inverters, etc... Last but not least, it is housed in a rugged, low maintenance stainless steel enclosure and loaded with many innovative service features.

### Processes

Stick, TIG, MIG, Flux-Cored, Gouging

### Applications

Construction, pipe line, mining and rental fleet applications

### Output



### Input



### Product Number

K3615-1

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**ELECTRIC**  
THE WELDING EXPERTS®

# Why Vantage 500?

## Compact Case with Stainless Steel Enclosure

Standard stainless steel roof, side panels and engine-access door deliver added protection and durability.

## Multi-Process Welding, Separate Arc Gouge Mode

Select one of five Process Modes, including CC-Stick, Downhill Pipe (for cellulosic electrodes), DC Touch Start TIG®, CV-Wire or Arc Gouging mode which maximises output with up to 10mm carbon rods.

## VRD™ (Voltage Reduction Device™)

reduced OCV (open circuit voltage) in CC and CV welding modes for added safety.

## Reliable Engines

- 4 cylinder 1,500 RPM Perkins turbo-charged diesel engine runs smooth and quiet. Engine gauges allow you to monitor performance at a glance.



## MACHINE SPECIFICATIONS

Product Name	Product Number	Rated Output @ 40°C Current/Voltage/Duty Cycle	Output Range	AC generator power	AC generator receptacles	Dimensions H x W x D in (mm)	Net Weight (kg)	Warranty
Vantage 500	K3615-1	400A / 36V @ 100% 450A / 38V @ 60%	30-500A	14.5 KW	2 x 240V / 15A 1ph 415V / 20A 3ph 50Hz	913 x 687 x 1,590	586	3 years

## ENGINE SPECIFICATIONS

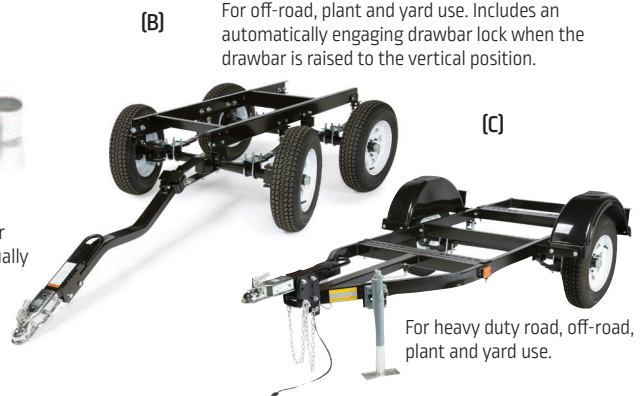
Make/Model	Description	Speed (RPM)	Kw @ Speed (RPM)	Noise	Capacities
Perkins 404D-22 turbo	4 cylinders, 4 cycles Water cooled, 12V electric start Dry type air cleaner Fuel with water separator, Turbo	Full load : 1,500 Low idle : 1,200	278@1,500	Sound power : 96Lwa Sound level : 71dBA @7m	Fuel : 76 Oil : 8.0 Coolant : 76

## KEY ACCESSORIES

- KIT400A-70-5M Cable kit 400A, 70mm<sup>2</sup>, 5m
- GRD-400A-70-xM\* Ground cable 400A - 70 mm<sup>2</sup> - 5 / 10 / 15 m
- KA1452-10 Electrode holder, 400A - 70 mm<sup>2</sup> - 10 m
- K10376 Adapter M14 / Dinse (F)
- K857 (7.6m) Remote control
- K857-1 (30.5m) Remote control
- K903-1 Spark arrestor **(A)**
- K2641-2 4-wheel steerable trailer (offroad, plant, yard) **(B)**
- K2636-1 2-wheel undercarriage **(C)**



Attaches to muffler exhaust tube. Virtually eliminates spark emissions.



For off-road, plant and yard use. Includes an automatically engaging drawbar lock when the drawbar is raised to the vertical position.

For heavy duty road, off-road, plant and yard use.



## CUSTOMER ASSISTANCE POLICY

Lincoln Electric® business 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 to the extent permitted by law assumes no liability, 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. The provision of information or advice does not create, expand or alter this warranty. 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 this type of fabrication methods and service requirements. Subject to Change – This information is accurate to the best of our knowledge at the time of printing.

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