



ENGINE DRIVEN WELDERS

- World's Most Respected Products Among Pipe Welders
- Built Tough for Extreme Environments
- Strong Arc Gouging Capability

Engine Driven Welders

Commercial

Ranger® 305D

300A DC diesel engine driven welder



Industrial

Vantage® 400 CE & Vantage® 500 CE

Compact, multi-process, excellent value



	Mode	Polarity	DC	Pipe	DC TIG	AC generator power range (W)	Stick	Pipe	DC TIG touch start	MIG	Flux-cored	Gouging	Warranty (years)
Commercial	OUTPUT					INPUT	PROCESS						
Ranger® 305D	CC/CV	DC	20-305	40-300	20-250	8000	●	●	●	●	●	●	3

	Mode	Polarity	DC	Pipe	DC TIG	AC generator power range (W)	Stick	Pipe	DC TIG touch start	MIG	Flux-cored	Gouging	Warranty (years)
Industrial	OUTPUT					INPUT	PROCESS						
Vantage® 400 CE	CC/CV	DC	30-400	40-300	20-250	13200	●	●	●	●	●	●	3
Vantage® 500 CE			30-500			14500	●	●	●	●	●	●	3

KEY: ○ Excellent ● Good ▲ Possible

ENGINE DRIVEN WELDERS

Accessories

CABLE KITS (GROUND/ELECTRODE)

With ground cable & electrode holder (clamp)
Item n°:

- KIT-300A-50-5M (300A – 50 mm² – 5 m)
- KIT-400A-70-5M (400A – 70 mm² – 5 m)



Cable kits (ground)

Item n°:

- GRD-300A-50-5M (300A – 50 mm² – 5 m)
- GRD-300A-50-10M (300A – 50 mm² – 10 m)
- GRD-400A-70-5M (400A – 70 mm² – 5 m)
- GRD-400A-70-10M (400A – 70 mm² – 10 m)



REMOTE CONTROLS

1 potentiometer, 6-pins, 15 m

Item n°:

K10195-1-15M

Extension cable

Item n°:

K10398



UNDERCARRIAGES

Medium Two Wheel Trailer.

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

Item n°:

K2636-1

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 vertical position.

For Vantage.

Item n°:

K2641-1

Undercarriage for site towing.

For Ranger 305D

Item n°:

K10397-1



SPARK ARRESTOR KIT

Attaches to muffler exhaust tube.

Virtually eliminates spark emissions.

Item n°:

K10405-1 for Ranger 305D

K903-1 for Vantage



Ranger® 305D

300A DC diesel engine driven welder

The Ranger® 305 D CE is a powerful 300 amps DC multi-process diesel engine driven welder. It provides excellent arc characteristics in Stick (Conventional or Pipe), TIG, MIG or Arc Gouging. The Ranger is totally enclosed to protect the 45 litre fuel tank, water-cooled Kubota 18.8 HP D722 diesel engine. Delivering 8000 Continuous (8500 peak) watts of 115/230/400V AC generator power it is obvious this was designed for welding professionals with high demands.

Features

- Excellent DC multi-process welding for general purpose stick, downhill pipe (stick), TIG, cored-wire, MIG (100% CO₂ and mixed gas) and arc gouging with up to 4.8mm carbons.
- Fully enclosed stainless steel case for equipment protection and low noise.
- Lincoln's® Chopper Technology® provides easy starts, a smooth arc, low spatter and excellent bead appearance.
- A portable powerhouse-delivers 8,500 peak (8,000 continuous) watts of 115/230/400V 50Hz AC generator power). Enough power to run lights, tools, or pumps and weld all at the same time!
- Arc force control provides a soft or more forceful digging arc.
- Built-in "hot" start for easier starts and restrikes.
- Touch-Start DC TIG®—Lift tungsten to start the arc.
- Digital meters for amps and volts output make it easy to precisely set your procedures. Fuel gauge, engine protection light for oil pressure and engine temperature on top for monitoring engine performance.
- Meets IEC974-1 and CE standards for safety and reliability.
- Lift TIG DC capability (SA).

Processes

- Stick
- TIG
- MIG
- Flux-Cored
- Gouging

Key Options

- **KIT-300A-50-5M** Cable Kit 300A - 50 mm² - 5 m
- **GRD-300A-50-xM** Ground cable 300A - 50 mm² - 5/10/15 m
- **K10376** Adapter M14/Dinse(F)
- **K10095-1-15M** Remote control - 15 m
- **K10405-1-INST** Chalwyn valve
- **K1847-1** Spark arrestor



Technical Specifications

Product	Item Number	Current Range (A)	Rated Output	Type of Engine	Cylinders	Operation Speeds (rpm)	Weight (kg)	Dimensions HxWxD (mm)
Ranger® 305D	K2279-3	20-305 DC 40-300 pipe welding 20-250 DC TIG	250A/30V/100%	Kubota D722 Diesel	3	High idle: 3100 Full load: 3000 Low idle: 2200	341	909 x 546 x 1327



Vantage® 400 CE & Vantage® 500 CE

Compact, multi-process, excellent value

The Vantage® 400 CE and 500 CE are one 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.

Features

- Compact case with stainless steel enclosure.
- Arc gouging up 8 mm.
- Downhill pipe welding mode. Excellent for cellulosic electrodes.
- Built-in "Hot Start" for easier starts and restrikes.
- Plenty of AC 50 Hz generator power: 3-phase 400V / 1 phase 220V / 1 phase 115V.
- Reliable Four-Cylinder Engine, water cooled, 1500 rpm Perkins Diesel engine.
- Innovative Service Access.
- Stainless steel enclosure delivers added protection and durability.
- Low noise to fit with European norms.
- Meets IEC974-1 and CE standards for safety and reliability.



Processes

- Stick
- TIG
- MIG
- Flux-Cored
- Gouging



Key Options

- **KIT-400A-70-5M** Cable Kit 400A - 70 mm² - 5 m
- **GRD-400A-70-xM** Ground cable 400A - 70 mm² - 5/10/15 m
- **E/H-400A-70-xM** Electrode holder, 400A - 70 mm² - 5/10 m
- **K10376** Adapter M14/Dinse(F)
- **K10095-1-15M** Remote control - 15 m
- **K903-1** Spark Arrestor Kit
- **K2636-1** Medium Two-Wheel Trailer & Duo-Hitch® Ball/Eye Hitch
- **K2641-2** Four-Wheel Yard Trailer with Duo-Hitch® Ball/Eye Hitch



Technical Specifications

Product	Item Number	Current Range (A)	Rated Output	Type of Engine	Cylinders	Operation Speeds (rpm)	Weight (kg)	Dimensions HxWxD (mm)
Vantage® 400	K2502-3	30-400	350A/34V/100% 400A/30V/60%	Perkins 404D-22 Diesel	4	Full load: 1500 Low idle: 1200	560	913 x 642 x 1524
Vantage® 500	K2503-3	30-500	400A/36V/100% 450A/38V/60%	Perkins 404D-22 TURBO Diesel			586	913 x 7 x 1590

