

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.
- 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

