



# DUAL MAVERICK™ 450

ENGINE-DRIVEN WELDER/GENERATOR

**LINCOLN**®  
**ELECTRIC**



K4381-1 Dual Maverick 450

## The Power of Two

Built for the construction site, the pipeline, and the rental fleet, the Dual Maverick 450 is two complete welders in one.

The design features the 26.4 HP @ 3000 RPM Perkins® 403D-11 Tier 4i water cooled diesel engine. That is enough power for two operators to weld at the same time, or for one operator to gouge with up to a 3/8 in. (9.5 mm) carbon.



## Save Money. Less Noise.

- Only one machine to service and maintain instead of two.
- New sound reduction techniques have lowered noise levels substantially from earlier models.
- Engine RPM varies based on the welding output required, resulting in less fuel being used, and less noise.
- Auto Stop-Start function will stop the engine after a user defined period of no welding activity. Start welding again simply by touching the electrode to the work.

## Two Displays. More Control.

- Two 4.3", IP67 rated color LCD screens provide increased functionality and easier setup than previous models.
- Intuitive push and turn digital controls make setup a breeze, and guide the end user to the right weld settings.
- Maintenance reminders assist with maximizing engine life and reliability.

### Product Numbers

K4381-1 Dual Maverick 450

### Processes »

Stick, TIG, MIG, Flux-Cored, Arc Gouging

### Applications »

Construction, Pipeline, Maintenance and Repair

### Rated Output -

#### Current/Voltage/Duty Cycle

Single Mode

450A/26V/100%

350A/34V/100%

Dual Mode

225A/26V/100%

210A/28.4V/100%

### Output »



### Input »



# DUAL MAVERICK 450

## Controls »

1. **LCD SCREEN, IP67 RATED OPERATOR A**
2. OUTPUT CONTROL OPERATOR A
3. SINGLE / DUAL OPERATOR MODE SWITCH
4. 14-PIN WIRE FEEDER CONNECTION OPERATOR A
5. WIRE FEEDER POLARITY SWITCH OPERATOR A
6. 6-PIN REMOTE CONTROL CONNECTION OPERATOR A
7. 15 AMP CIRCUIT BREAKER
8. 15 AMP CIRCUIT BREAKER
9. 25 AMP CIRCUIT BREAKER
10. **220V SINGLE PHASE AC EURO PLUG**
11. POSITIVE AND NEGATIVE WELD TERMINAL OPERATOR A
12. **380V THREE PHASE AC EURO PLUG**
13. GLOW PLUG PUSH BUTTON
14. RUN / STOP SWITCH
15. START PUSH BUTTON
16. **LCD SCREEN, IP67 RATED OPERATOR B**
17. **EMERGENCY STOP**
18. BATTERY BREAKER
19. OUTPUT CONTROL OPERATOR B
20. WIRE FEEDER POLARITY SWITCH OPERATOR B
21. 6-PIN WIRE FEEDER CONNECTION OPERATOR B
22. 14-PIN REMOTE CONTROL CONNECTION OPERATOR B
23. WIRE FEEDER CIRCUIT BREAKER
24. RESIDUAL CURRENT DEVICE – 30 MA
25. **220V SINGLE PHASE AC EURO PLUG**
26. POSITIVE AND NEGATIVE WELD TERMINAL OPERATOR B





## MACHINE SPECIFICATIONS

Product Name	Product Number	Description	Rated DC	Output Range	Auxiliary Power	Dimensions HxWxD in (mm)	Net Weight lb (kg)
<b>Dual Maverick 450</b>	K4381-1	450A DC Engineered DC Generator	Single Mode  At 40° C 450A/26V/100% 350A/34V/100%	Single Mode  50 to 450 A Stick/Pipe 100 to 450 A Gouge 13 to 40 V CV 20 to 255 A TIG	13,000 Watts Total  Two 220V single phase Euro Plugs  One 380V three phase Euro Plug	36.87 x 28.28 x 65.1 (936.5 x 718.3 x 1653.5)  To top of exhaust tube 37.23 in. (946)	1155 lbs (524 kg)
			Dual Mode  At 40° C 225A/26V/100% 210A/28.4V/100%	Dual Mode  30 to 225 A Stick/Pipe 100 to 250 A Gouge 13 to 40 V CV 20 to 255 A TIG			

## ENGINE SPECIFICATIONS

Product Name	Engine Model	Description	Horsepower & Engine RPM	Capacities
<b>Dual Maverick 450</b>	Perkins 403D-11 EPA Tier 4i (International)	3 Cylinder Water-Cooled Diesel Engine With Dry Cartridge Air Filter	26.4 HP @ 3000 RPM Low Idle 2100 RPM	FUEL: 20 Gals (75.7 liters)



**Additional Accessories****Product Number****GENERAL**

<b>Spark Arrestor Kit</b> - Easily mounts to standard Muffler.	K903-1
<b>Medium Two-Wheeled Welder Trailer with Duo-Hitch®</b> – For heavy-duty road, off-road, plant and yard use. Includes pivoting jack stand, safety chains, and 13 in. (330 mm.) wheels. Overall width 60 in. (1524 mm.) Stiff .120 in. (3.0 mm.) welded rectangular steel tube frame construction is phosphate-etched and powder coat painted for superior rust and corrosion resistance. Features a Duo-Hitch 2 in. (51 mm.) Ball/Lunette Eye combination hitch.	K2636-1
<b>Fender &amp; Light Kit</b> - Allows use of trailer at night and as required by local regulations. Includes fenders, lights with guards, mounting brackets, wiring and hardware.	K2639-1
<b>Cable Storage Rack</b> – For storage of approximately 100 ft. (30.5 m.) of 2/0 (70 mm <sup>2</sup> ) welding cable per side.	K2640-1

**STICK**

<b>Accessory Kit</b> – For stick welding. Includes 35 ft. (10.7 m) 2/0 (70 mm <sup>2</sup> ) electrode cable with lug, 30 ft. (9.1 m) 2/0 (70 mm <sup>2</sup> ) work cable with lugs, headshield, filter plate, work clamp and electrode holder.	K704
<b>Remote Output Control</b> – Includes control box, cable and 6-pin MS-Type connector.	K857 (25 ft.) K857-1 (100 ft.)
<b>Remote Output Control - 125 FT</b> – Customizable MIN/MAX range is easy to set up in seconds. Precisely set the range you need for the job at hand. Detachable control box can be stowed in your truck or job box to deter job site theft. Connects to 6-pin MS-type connector.	K4330-1

**TIG**

<b>Pro-Torch™ PTA-26V TIG Torch</b> – “V” model torches have a convenient gas control valve on the torch to quickly and easily control the shielding gas flow when a gas solenoid valve is not “built-in” to the power source.	K1783-9
<b>Magnum® Parts Kit for PTA-26V TIG Torch</b> - Magnum Parts Kits provide all the torch accessories you need to start welding. Parts Kits provide collets, collet bodies, a back cap, alumina nozzles and tungstens in a variety of sizes, all packaged in an easy to carry reclosable box.	KP509
<b>Foot Amptrol™</b> - Depress pedal to increase current. Depressing pedal fully achieves maximum set current. Fully raising the pedal finishes the weld and starts the Afterflow cycle. Equipped with a 6 pin connector	K870
<b>Hand Amptrol</b> - Provides 25 ft. (7.6 m) of remote current control for TIG welding. Compatible with power sources with 6-pin remote connection.	K963-3

**WIRE FEEDER**

<b>LN-25 Ironworker® Wire Feeder</b> – Portable CV unit for flux-cored and MIG welding with MAXTRAC® wire drive system. Includes digital meters for wire feed speed/amperage and voltage, gas solenoid, internal contactor and 5/64 in. (2.0 mm) drive roll kit for cored wire. Across-The-Arc Operation (Voltage sensing)	K2614-9
<b>Activ8™ Portable, Semiautomatic Wire Feeder</b> – Portable CV unit for flux-cored and MIG welding with MAXTRAC wire drive system. Compatible with compact 8 in. (203 mm) wire spools. Weighs 27 lbs. (12.2 kg.) Across-The-Arc Operation (Voltage sensing)	K2999-1
<b>K126™ PRO Innershield® Gun</b> – For self-shielded wire with 15 ft (4.5 m) cable. For 0.062-5/64 in. (1.6-2.0 mm) wire. Includes K466-10 Connector Kit.	K126-12
<b>Magnum PRO 350 Ready-Pak® 15 ft., 0.035-5/64 in</b> – Magnum PRO MIG/flux-cored welding guns are rated 100% duty cycle. The guns are designed for high amperage, high duty cycle applications in extreme environments where heat-resistance and fast serviceability are key.	K2652-2-10-45

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