

ENGINE DRIVEN WELDER

DUAL MAVERICK 450



50Hz POWER
240V / 415V

The Power of Two

Built for the construction site, pipeline and hire 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 8 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 – 71.6dBA (4m) and 66.6dBA (7m with full welding load). Complies to AS1674.2 Cat: C)
- 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.
- Maintenance reminders assist with maximising engine life and reliability.
- VRD for both operators to enhance their safety

Processes

Stick, TIG, MIG, Flux-Cored, 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



Product Number

K4393-1

Two Displays. More Control.

- Two 10.9cm [4.3"], IP67 rated colour 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 maximising engine life and reliability.



MACHINE SPECIFICATIONS

Machine	Product Number	Rated DC	Output Range	Auxillary Power	H x W x D in mm	Net Weight in kg
Dual Maverick® 450	K4393-1	Single Mode At 40°C 450A/26V/100% 350A/34V/100%	Single Mode 50-450 Stick/Gouge 30-370 CV 20-255 TIG	14,000 Watts Total Two 240V Single Phase IP66 One 415V Three Phase IP66	936.5 x 718.3 x 1,653.5	524
		Dual Mode At 40°C 225A/26V/100% 210A/28.4V/100%	Dual Mode 30-225 Stick 30-230 CV 20-225 TIG			

ENGINE SPECIFICATIONS

Machine	Engine Model	Description	Horsepower and Displacement	Capacities
Dual Maverick® 450	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: 75.7 litres



Sound Insulation for Less Noise



Heavy Duty Anchor Points



Easy Access Panel for Servicing

Dual Maverick 450 Controls

1. Multi-function control
2. 6-Pin remote control connector with auto sensor
3. 14-Pin wire feeder connection
4. 42V AC circuit breaker (wire feeder)
5. 240V AC circuit breakers
6. 3 phase circuit breaker
7. Positive terminal
8. Negative terminal
9. 240V AC 15A (auto switching) IP66 outlets (50Hz)
10. 415V AC 20A 3 phase IP66 outlet (50Hz)
11. RCD 4 pole (30mA)
12. 12V DC circuit breaker (battery circuit)
13. LCD display
 - a. Engine oil pressure gauge
 - b. Engine temperature gauge
 - c. Engine protection light
 - d. Battery charge voltage
 - e. Digital amperage and voltage display
14. Engine start push button
15. Engine run / stop switch
16. Engine glow plug push button
17. LCD display
 - a. Engine fuel gauge
 - b. Engine hour gauge
 - c. Digital amperage and voltage display
18. Single / Dual operator switch.



GENERAL ACCESSORIES	Product Number
Spark Arrestor Kit – Easily mounts to standard Muffler.	K903-1
Medium Two-Wheeled Welder Trailer with Duo-Hitch® – For heavy-duty road, off-road, plant and yard use. Includes pivoting jack stand, safety chains and 330 mm. wheels. Overall width 1,524 mm. Stiff 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 51 mm. Ball/Lunette Eye combination hitch.	K2636-1
Fender and Light Kit – Allows use of trailer at night and as required by local regulations. Includes fenders, lights with guards, mounting brackets, wiring and hardware.	K2639-1
Cable Storage Rack – For storage of approximately 30.5 m of 70 mm ² welding cable per side.	K2640-1
STICK	Product Number
Stick welding lead 10m	KA1452-10
Work return lead 9m	KA1452-9
Pigtail lug to mechconnector (2 required)	KA1452-12
TIG	Product Number
Powercraft PC26G TIG Torch – “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.	PC26FV-81
Foot Amptrol™ – 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
Hand Amptrol™ – Provides 7.6 m of remote current control for TIG welding. Compatible with power sources with 6-pin remote connection.	K963-3
WIRE FEEDER	Product Number
LN-25 Pro Wire feeder. Portable CC/CV unit for flux-cored and MIG welding. Includes gas solenoid and internal contactor. With bonus K126 Pro gun.	K2613-5A1
LN-25 Pro Wire feeder. Portable CC/CV unit for flux-cored and MIG welding. Includes gas solenoid and internal contactor. With bonus Magnum 400 gun.	K2613-5A2
K126™ PRO Innershield® Gun – For self-shielded wire with 4.5 m cable. For 1.6-2.0 mm wire. Includes K466-10 Connector Kit.	K126-12



CUSTOMER ASSISTANCE POLICY

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