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MAVERICK® 325X

Diesel Engine Driven Welder/Generator

Shown K3581-1

Small on Size – Big on Performance

The Maverick 325X diesel engine driven welder/generator provides the perfect combination of size, performance, and innovation to deliver the next-generation of compact diesel welders.

Compact Power – Plenty of jobsite power with 325 amps of welding output and 10 kW of clean, single-phase auxiliary power.

Optimized Performance – A multi-process workhorse with specialized stick modes, wire welding capability, and direct-connect spool gun for pulsed aluminum.

Greater Machine Control – Durable, 4.6 in. digital display for full machine control - including process setup, maintenance reminders, and PIN authorization.

CrossLinc® Enabled – Change welder parameters at the arc without an additional control cable - helping to increase productivity, promote safety, and improve weld quality.

Variable Engine RPM – Automatically adjusts engine speed to reduce fuel consumption and engine noise.

Auto-Stop/Start Technology – Save on fuel and avoid excess idling and engine wear.

Processes »
SMAW (Stick), FCAW (Flux-Cored), GMAW (MIG), GTAW (TIG), CAC-A (Arc Gouging)

Output »
CC CV | DC | 10 kW

Input »

Product Number »
K3581-1

Industries Served »
- Maintenance & Repair
- Pipeline
- Power Generation
- Structural

Key Accessories »
- LN-25X® Wire Feeder
- Activ8X® Wire Feeder
- CrossLinc® Remote
- Medium Two-Wheeled Trailer
- Kubota® D902 Engine Service Kit

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MACHINE SPECIFICATIONS

Product Name	Product Number	Rated Output @104°F (40°C)	Output Range	Open Circuit Voltage	AC Generator Auxiliary Power[1]	Auxiliary Receptacles[2]	Dimensions H x W x L in (mm)	Weight lb (kg)[3]
Maverick 325X	K3581-1	IEC Rating - 325A / 33V / 100%, 350A / 34V / 60%, Max Rating - 400A / 29V / 60%	Stick / Pipe: 35 - 400 Amps DC TIG: 25 - 250 Amps MIG / FCAW: 13 - 40 Volts Arc Gouging: 60 - 400 Amps	Peak 80 OCV @ 3600 RPM	Single Phase: 10 kW Continuous, 11.5 kW Peak, 120V/240V @ 60 Hz	NEMA 5-20R (120V / 20A / 1~) NEMA 14-50R (120/240V / 50A / 1~)	Machine: 34.25 X 21.25 X 54.29 (870X 540 X 1379) To top of exhaust pipe: 34.2 (869)	750 (340)

ENGINE SPECIFICATIONS

Engine Model	Engine Description	Operating Speed (RPM) @ 24.8 HP	Displacement	Capacities
Kubota D902[4] Tier 4 Final Compliant	3 Cylinder 24.8 hp (18.5 kW) Naturally Aspirated Water Cooled Diesel Engine	High Idle: 3600 Low Idle: 2500 Under Load: Variable	55 cu. in (0.9L) Bore X Stroke 2.8 in x 2.9 in (72 mm x 74 mm)	Fuel: 11.5 US gal. (50.0 L) Oil: 3.9 qts. (3.7L) Coolant: 0.9 US gal. (3.3L)

(1) When welding, available auxiliary power will be reduced. Output voltage is within +/- 10% at all loads up to rated capacity.
(2) Circuits cannot be wired in parallel to operate the same device.
(3) Machine only – Does not include fuel.
(4) Engine warranted separately by engine manufacturer.

For best welding results with Lincoln Electric equipment, always use Lincoln Electric consumables. Visit www.lincolnelectric.com for more details.

Manufactured at a facility with certified ISO Quality and Environmental Management Systems.

CUSTOMER ASSISTANCE POLICY

The business of Lincoln Electric is manufacturing and selling high quality welding equipment, automated welding systems, consumables, and cutting equipment. Our challenge is to meet the needs of our customers, who are experts in their fields, and to exceed their expectations. On occasion, purchasers may ask Lincoln Electric for information or technical information about their use of our products. Our employees respond to inquiries to the best of their ability based on information and specifications provided to them by the customers and the knowledge they may have concerning the application. Our employees, however, are not in a position to verify the information provided or to evaluate the engineering requirements for the particular weldment, or to provide engineering advice in relation to a specific situation. Accordingly, Lincoln Electric does not warrant or guarantee or assume any liability with respect to such information or communications. Moreover, the provision of such information or technical information does not create, expand, or alter any warranty on our products. Any express or implied warranty that might arise from the information or technical information, including any implied warranty of merchantability or any warranty of fitness for any customers' particular purpose or any other equivalent or similar warranty is specifically disclaimed.

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Subject to Change – This information is accurate to the best of our knowledge at the time of printing. Please refer to www.lincolnelectric.com for any updated information.

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