

Air Cooled Engine Driven

# **LINCOLN ELECTRIC® LINCWELDER® 225**

## **DC Portable Arc Welder With AC Power Capacity...**

**THE IDEAL WELDER** for contractors, mill and factory maintenance departments, welding shops and others who need a highly portable machine for erection, production or repair welding inside and out where power connections are not readily available.

**DC Welding Output** is recommended for the best arc characteristics for all position welding with mild steel, low hydrogen, stainless steel and hard-surfacing electrodes.

**225 Amps** is enough heat for  $\frac{3}{16}$ " general purpose

mild steel electrodes and the  $\frac{3}{16}$ " size of all types.

**AC Power Output** of 3000 watts, 115 volts, 50 hertz, continuous duty is plenty of power for lights and tools needed at welding sites.

**Precise Control of Current and Voltage** lets the operator select just the heat and arc characteristics needed for every job.

**Air Cooled Engine** is light and compact for maximum portability; low initial machine cost.

**ONAN SUPER CCK TWO-CYLINDER, AIR COOLED ENGINE** includes magneto ignition, fuel pump with primer, sediment bowl in gas line, manual choke, governor, air cleaner and cobalt-chrome faced exhaust valves and seats. It is compact, rugged and lightweight to provide long service life with little attention.

**EASY STARTING** with standard pull rope starter.

**OPTIONAL ELECTRIC STARTER** for pushbutton starting includes two 12-volt batteries, ammeter and charger rate control. Utilizes welding generator as engine starter motor.

**OPTIONAL RECOIL STARTER** automatically rewinds starter rope so it is always ready for starting.

**OPTIONAL IDLER** automatically slows engine to idle speed when not welding to conserve fuel and reduce engine wear. It has a delayed action feature that allows time to change electrodes without having engine slowed to idle speed.

**CURRENT RANGE SELECTOR** is five-step coarse current adjustment. Ranges overlap so there are no blind spots.

**TWIN MUFFLERS** for quiet operation.

**DUAL 115-VOLT\* RECEPTACLES** with total capacity of 30 amps.

**CURRENT AND OCV FINE ADJUSTMENT RHEOSTAT** selects arc characteristics and exact heat within each range needed for every application.

**ENGINE CONTROLS** located on control panel for maximum convenience.

**OUTPUT STUDS** for welding cables.

**PIPE THAWING** on 100-amp position.

**OPTIONAL PNEUMATIC TIRE UNDERCARRIAGE** for on-site mobility.



\*When 230 volt power tools or lights must be operated, the Lincwelder 225 is available with 3000 watts, 230 volts, 50 hertz output. The 230 volt duplex receptacle has a total capacity of 15 amps.

# Lincwelder 225 Repair Manual

**Joacim Rocklöv**



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