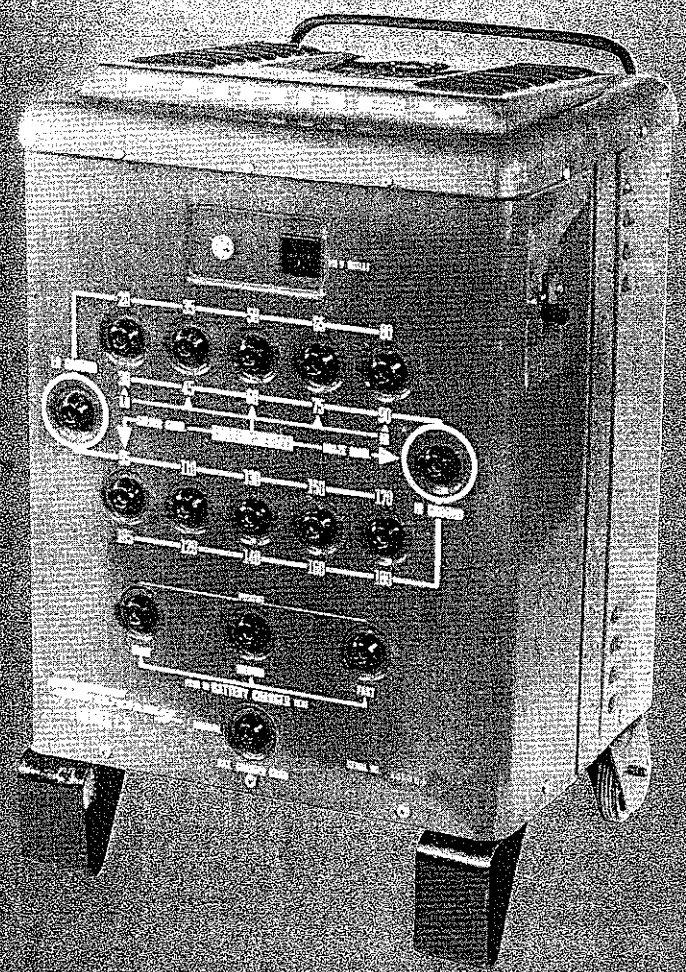
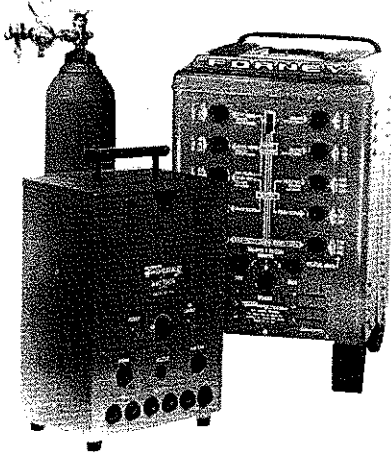




WELCOMES YOU TO



**COMBINED
AMERICAN VOCATIONAL ASSOCIATION
•
ILLINOIS VOCATIONAL ASSOCIATION
1959 CONVENTION, CHICAGO**

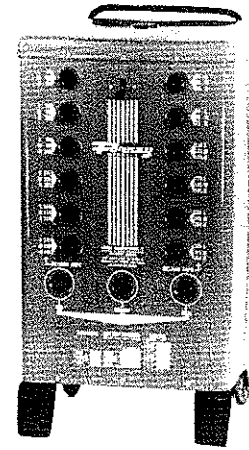


Model IG-751

Model IG-751, at center of this grouping, is an Arc-Tron, not a welder. An Arc-Tron is a high frequency arc stabilizer used with a welder. In this model you have the controls for inert gas, water cooling of the torch, and high frequency. The answer to TIG welding process.

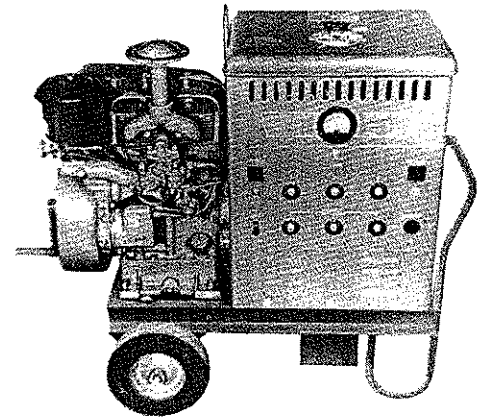
Model I. A 350 amp, AC welder of the industrial type. Thirty-six heat stages, forced air cooling, and rugged construction makes this ideal for jobs requiring higher heats.

Model 5KGW, the Generator-Welder, is the newest in the Forney line. Its quick popularity was brought about by its ability to deliver 250 amps (AC) welding current. A flip of the switch changes it to a stand-by power plant delivering 5,000 watts of either 230 volt or 115 volt, 60 cycle AC electricity. Powered by two-cylinder Wisconsin engine.



Model I.

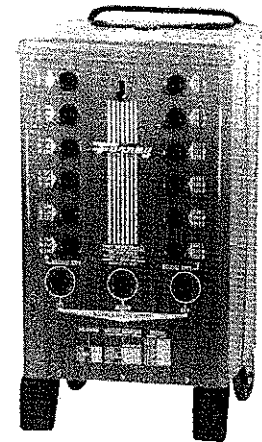
The Model A is a 300 amp, AC welder for medium industrial use. Fan cooled, 36 heat stages and rugged construction are points of superiority of this model, too.



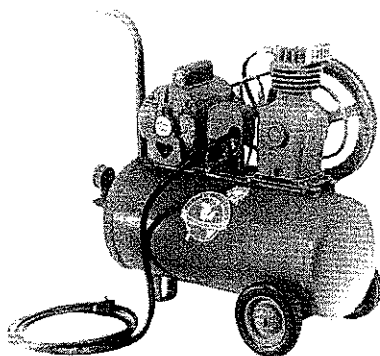
Model 5KGW

Model F-100 is a 100 amp welder with 115v-230v input. Completely equipped. Ideal for light welding, brazing soldering. Just the machine for the hobbyist.

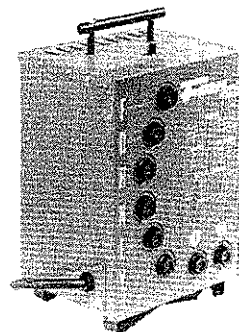
Model AC is a 115 volt air compressor. Efficient, quiet and portable. Maximum pressure—150 lbs. An excellent compressor for shop or farm.



Model A



Model AC



Model F-100

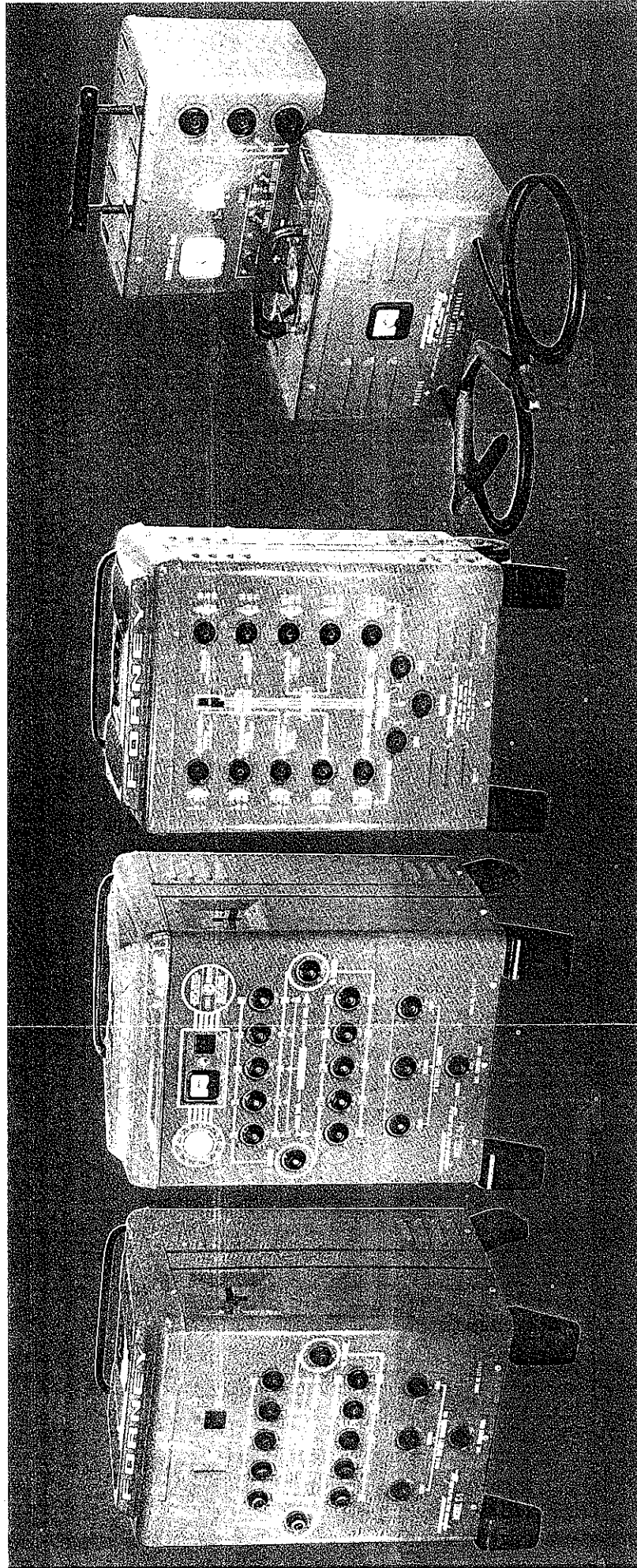
FORNEY ARC WELDERS

Division of Forney Industries, Inc.

Des Moines, Ia. - Ft. Collins, Colo. - Greenville, Pa. - Mexico City D. F. - Estevan, Saskatchewan, Canada

**Instructors and students prefer the ease of operation of the.....
FORNEY COMBINATION REPAIR UNITS**

C 3 1 P 0



Model C-5

The most famous of the Forney units. A 180 amp, AC, welder. Built to rigid standards. Meets N. E. M. A., R. E. A., C. S. A., and is tested and approved by U. I. Fully equipped. Unconditionally guaranteed.

Model C5BT

A new big brother to the C-5. This unit is the same welder PLUS a 6v-12v battery charger with built-in 3 hour timer. Fully equipped. Unconditionally guaranteed.

Model CB

A 250 amp welder of the same outside dimensions as the other two. Best where higher amperage is needed. Approved for use on many power lines. Fully equipped. Unconditionally guaranteed.

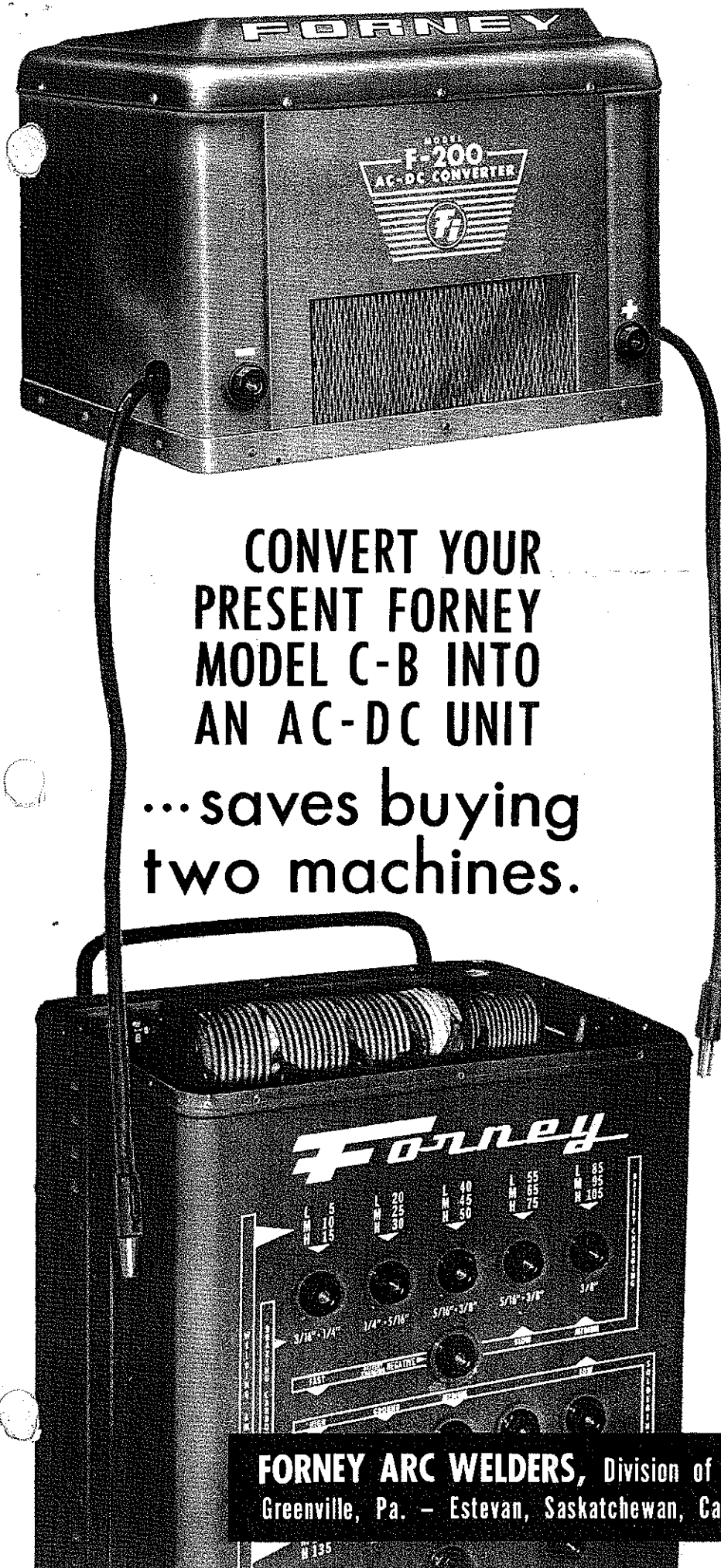
**Model 310
Model 301**

Two new 6v-12v battery chargers. Model 301 operates off any Forney welder. Model 310 receives its 110 volt power from your lighting circuit. Also has three-stage soldering output and Instant-Heat Soldering Iron.

INDUSTRIES INC.

ACLE

DS,
X



MODEL F-200 AC-DC CONVERTER

by

Forney

**CONVERT YOUR
PRESENT FORNEY
MODEL C-B INTO
AN AC-DC UNIT**

**...saves buying
two machines.**

This unit is designed to mount on the top of the Forney Model C-B Welder and provides DC welding output in addition to the AC output of the C-B Welder.

The output jacks on the C-B to which the CONVERTER leads are connected determine the DC output. The AC to DC conversion ratio is approximately 5 to 4 which means that the DC output range is 4 Amps to 200 Amps.

The duty cycle of the C-B Welder is increased from 20% to 50% due to the special air flow cooling, utilizing the volume fan. The AC Welder operation is not changed in any other way by the addition of the Converter unit.

Polarity is reversed by interchanging Electrode Holder and Ground Clamp leads at the AC-DC Converter jacks.

Mounting is very simple, consisting mainly of fastening the unit on top of the Welder and connecting the fan leads to the Welder switch. The entire mounting can be accomplished in about 30 minutes. No special tools are needed and all screws and bolts, with instructions are included in the unit package.

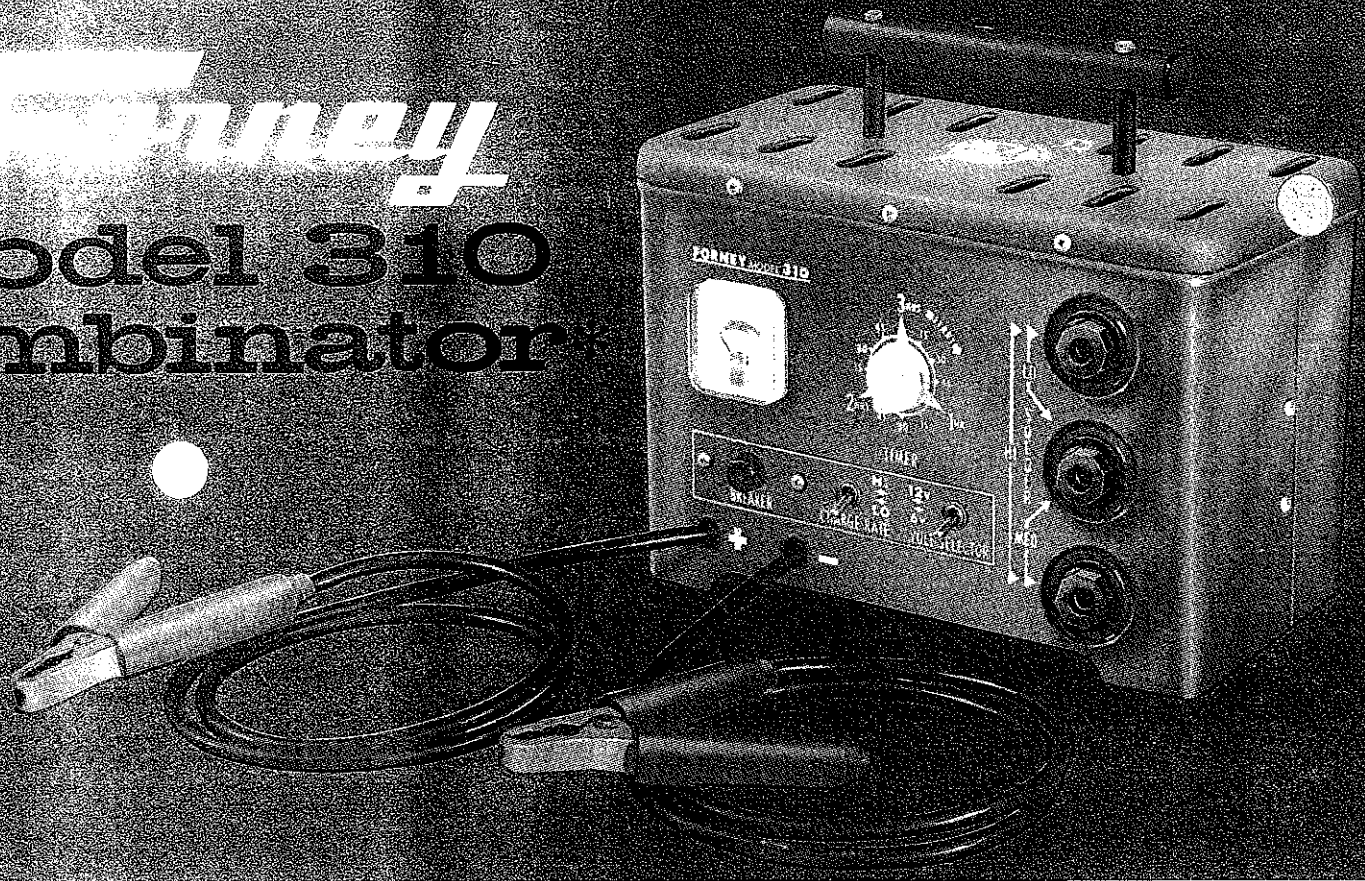
SPECIFICATIONS

Model	F-200
AC Input Amps	250
AC Max. Open Circuit Volts	80
Specification Number	DC 42 U 23
DC Output Amps.	200
DC Max. Open Circuit Volts	80
Fan Motor	230V - AC 1 HP

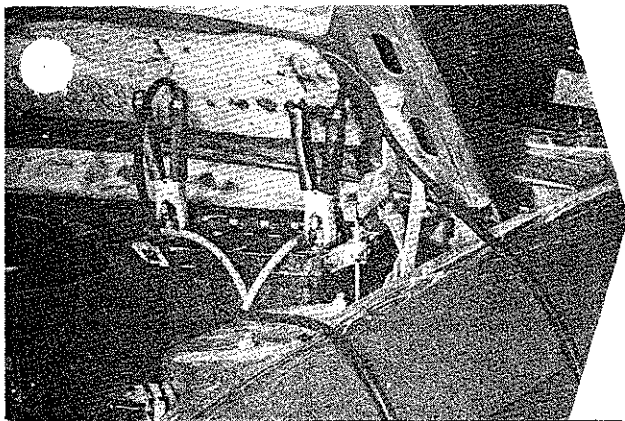
**FORNEY ARC WELDERS, Division of Forney Industries, Inc. Fort Collins, Colo.
Greenville, Pa. - Estevan, Saskatchewan, Canada - Industrias Forney, SA de CV, Mexico**

Forney

Model 310 combinator

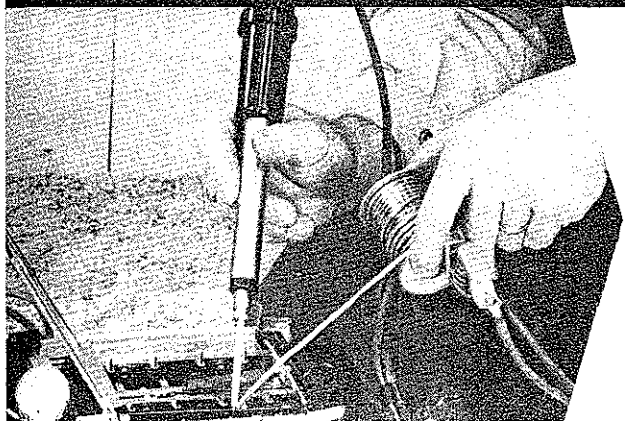


plug into any 115 volt outlet anywhere - - - -



Charges both 6 volt and 12 volt Batteries -
Has high and low Charging Rates - Equipped
with Cables, Automatic Safety Breaker, and
Automatic Timer.

* BATTERY CHARGER—SOLDERING UNIT COMBINATION



Instant heat soldering. Has three heat
stages - Famous Forney Soldering Iron
with 4 tips included - Combination of 3
heats and 4 tips provide 12 different con-
trols for most every type of soldering job.

FORNEY ARC WELDERS DIVISION OF FORNEY INDUSTRIES INC.
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