

# FIFTY-FIVE POUNDS OF TRUE ARC WELDER PORTABILITY\*



## the **McCULLOCH** **WELDER!**

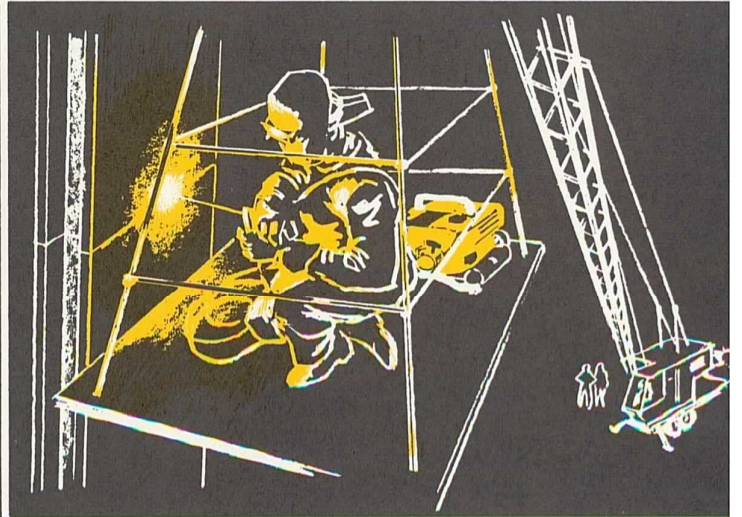
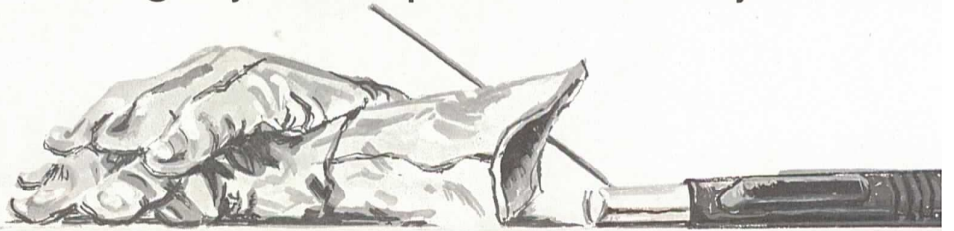
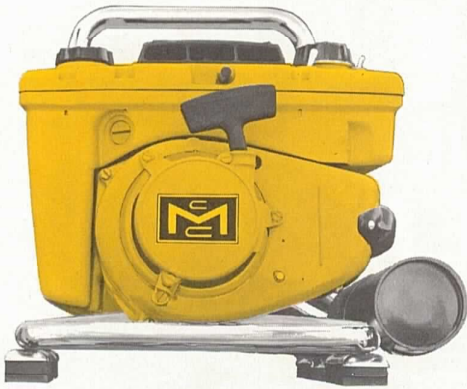
\* THE WORLD'S LIGHTEST-WEIGHT  
GASOLINE-POWERED, HEAVY-DUTY

# 170 amp **WELDER**

(CHOICE OF AC OR AC/DC WELDER MODELS)

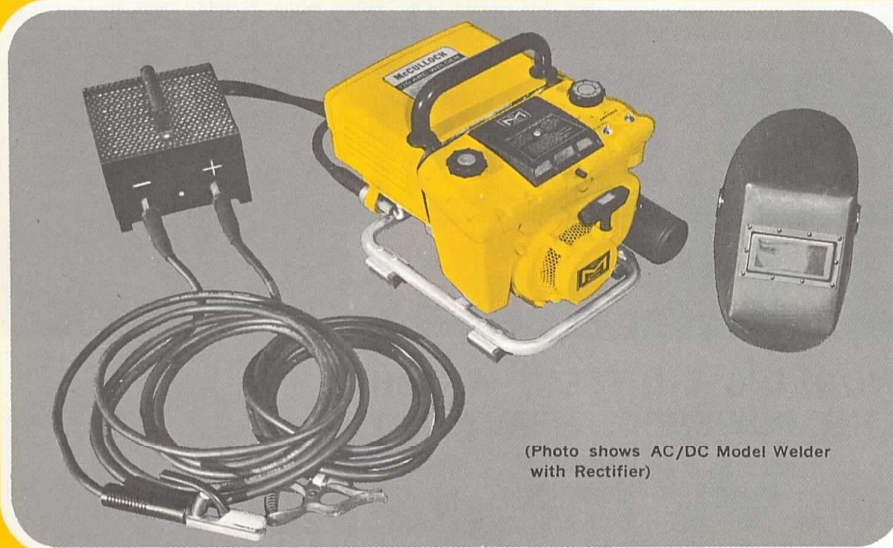
# McCULLOCH's 170 am

weighs just **55** pounds . . . a major breakth



The revolutionary portability of the McCulloch Welder can drastically reduce heavy equipment's downtime. Where rugged terrain or lack of access roads delay or stop other welders from getting close enough to do the job, McCulloch's portability pays off by getting there fast, setting up fast, and welding fast. The rule of thumb: If **you** can get there, the McCulloch Welder will get there!

The McCulloch Welder is more than a great welder — it's a time saver! There's no wasted time wrestling a heavy welder into position, and there are no long cables to drag or to limit your working radius. With the McCulloch Welder your power goes with you. Pick it up — carry it to the job — start it up. You've got dependable, heavy-duty welding . . . anywhere!



(Photo shows AC/DC Model Welder with Rectifier)

## UNBEATABLE PORTABLE PERFORMANCE

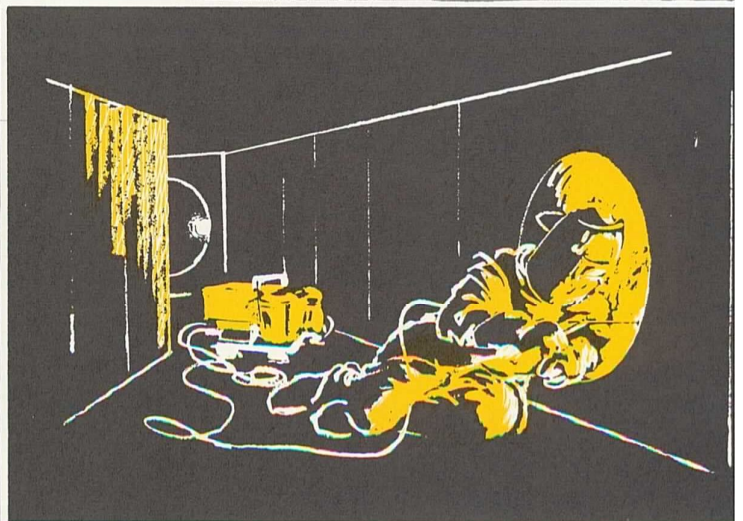
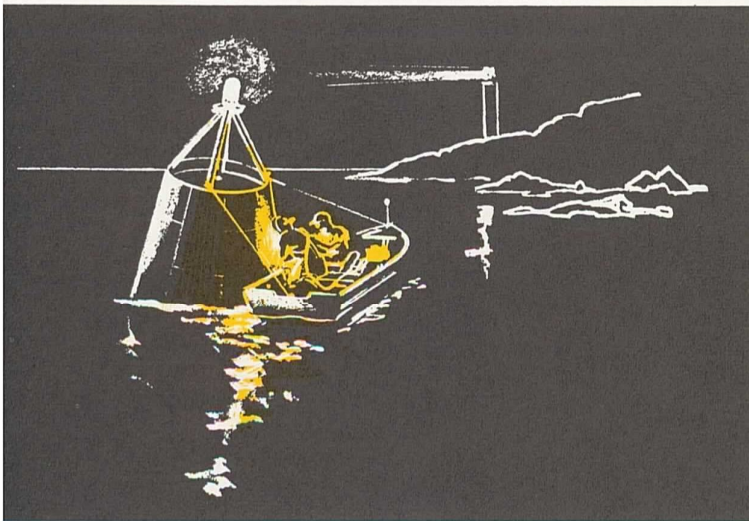
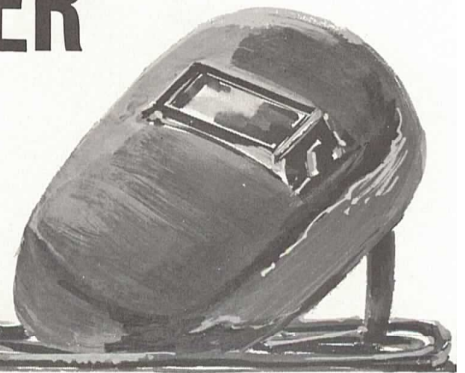
McCulloch's model 170 AC/DC Welder gives you the advantage of portability and full AC/DC convenience at a lower weight and price than any other comparable portable welder on the market.

McCulloch's 14 pound rectifier (with sealed silicon diodes) is a rugged, trouble-free unit that can be hand carried with the 170 Welder to any spot where you have a welding job. A remote "Run/Idle" control gives you positive control at all times and means that the welder "rests" when you do. This feature is standard equipment on both the AC model and on the AC/DC rectifier-equipped model 170 Welder.

# PORTABLE ARC WELDER

High in gasoline-powered arc welder portability !!!

No other arc welder of comparable performance can match **this** welder's ability to go . . . **ANYWHERE!**  
(Choice of AC or AC/DC Welder Models)



The McCulloch Welder's light weight makes many emergency repair jobs "routine." In a pinch, it lets even a small rowboat become a "repair barge!" Its light weight assures you less transporting and setup time — more actual welding time — bigger profits. Think of all the times a really portable welder like this one could have solved a problem for you!

Restricted or limited access usually means laying lots of cable to get power to the job. (And welding cable costs money!) With a McCulloch Welder there's never a cable problem, and there's no communications problem either. Need a different heat setting? Change it in seconds, because your power goes with you . . . anywhere!

The **McCulloch Corporation** has long been recognized as a leader in the production of lightweight, quality-built, two-cycle power plants of outstanding dependability. Where light weight, ruggedness, ease of maintenance and repair, and troublefree performance have been of prime consideration, the name McCulloch has

become familiar. Now this world famous name is being introduced to the welding field. The new 170amp McCulloch Welder demonstrates once again McCulloch's "Leadership Through Creative Engineering."

If it's McCulloch — it's dependable!

## FEATURES

- WELDING RANGE ..... Infinitely variable from 40 to 170 amps AC  
With Rectifier - Infinitely variable from 40 to 160 amps DC
- DUTY CYCLE ..... 50% @ 170amps
- WELDING VOLTAGE ..... 20 to 30 volts
- OPEN CIRCUIT VOLTAGE ..... 70 volts
- ROD SIZES ..... 1/16" to 5/32" — all AC and DC types
- REMOTE RUN/IDLE CONTROL .... Finger-tip control, located on electrode holder
- RECTIFIER ..... Standard on 170 AC/DC Model  
Optional on 170 AC Model

# McCULLOCH WELDER SPECIFICATIONS

## WELDER SECTION

<b>WELDING RANGE</b>	40 to 170 amps AC 40 to 160 amps DC (with Rectifier)	<b>COOLING</b>	Forced Air
<b>DUTY CYCLE</b>	50% @ 170 amps	<b>AC FREQUENCY</b>	2,880 cps
<b>WELDING VOLTAGE</b>	20 to 30 volts	<b>RANGE CONTROL</b>	Infinitely variable (40 to 170 amps)
<b>OPEN CIRCUIT VOLTAGE</b>	70 volts	<b>OTHER USES</b>	Design permits pipe-thawing and induction heating; use of carbon-arc torch for pre-heating, brazing and hardsurfacing.
<b>ROD SIZES</b>	1/16" to 5/32" (all AC and DC types —welds both light and heavy gauge metals)		Battery Charger (using Rectifier). Provides emergency electrical power for starting any gas or diesel engine up to 1000 horsepower.
<b>RECTIFIER (AC/DC Model)</b>	Plug-in type, for straight and reverse polarity DC welding		

## ENGINE SECTION

<b>TYPE</b>	Single cylinder, 2-cycle air cooled, crankcase scavenged	<b>STARTING</b>	Heavy-duty automatic rewind with Nylon rope
<b>TYPE OF CYLINDER</b>	Die cast aluminum alloy, precision honed cast iron liner (oversize pistons available)	<b>GAS CAPACITY</b>	2 quarts
<b>BORE &amp; STROKE</b>	2.217" x 1.635"	<b>OPERATING TIME</b>	32 minutes (full load)
<b>DISPLACEMENT</b>	6.3 cu. in.	<b>RUN/IDLE CONTROL</b>	Located on engine unit; also finger tip Remote Run/Idle Control at electrode holder.
<b>COMPRESSION RATIO</b>	8.2:1	<b>MUFFLER</b>	McCulloch fire-proof, spark arrestor type
<b>BEARINGS</b>	Needle and roller throughout		

## GENERAL

<b>WEIGHT (dry)</b>	55 lbs. (7 times lighter than any other comparable gasoline operated welder)	<b>FEET</b>	4 vibration absorbing rubber grippers
<b>HANDLE</b>	Tube steel, chrome plated	<b>HEIGHT</b>	15"
		<b>WIDTH</b>	14"
		<b>LENGTH</b>	18"

## ATTACHMENTS & ACCESSORIES

<b>CABLES</b>	Electrode, 15 feet, No. 2 A.W.G., with holder Ground, 15 feet, No. 2 A.W.G., with clamp	<b>RECTIFIER (optional)</b>	Plug-in type, for straight and reverse polarity DC welding (available as optional extra equipment for McCulloch AC Welder).
<b>PIPE-THAWING ATTACHMENT</b>	Plug-in type (optional)	<b>REMOTE IDLE CONTROL</b>	Mounted on stinger. 22' double hose.

Specifications subject to change without notice and without obligation.

