



MODEL: 10A20
MODEL: 10B20

20 LB. (9 kg) CAPACITY

**ELECTRODE STABILIZING
OVEN**



**OPERATING INSTRUCTIONS
&
SAFETY INFORMATION**

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Model:	10A20 / 10B20
Capacity:	20 lb. (9 kg)
Voltage:	115 Volts / 230 Volts Single Phase AC (See Rating Plate).
Wattage:	110 Watts (115 Volts) / 130 Watts (230 Volts)
Range:	Average 275°F / 135°C (10A20) 100- 300° F / 38-149°C (10B20)
Weight:	11 lbs. (5 kg)
Internal Dimensions:	H-19" x 3.9" Diameter (483mm x 100mm)
External Dimensions:	H-24" x 7" Diameter (610mm x 178mm)

**THE FOLLOWING INSTRUCTIONS AND SAFETY WARNING SHOULD BE READ
BEFORE THIS EQUIPMENT IS CONNECTED AND PLACED INTO SERVICE**

BEFORE CONNECTION
ENSURE THAT THE SUPPLY VOLTAGE MATCHES THAT SHOWN ON THE RATING PLATE

Models 10A20 and 10B20 portable Electrode Stabilizing Ovens are capable of maintaining electrodes in a dry state once removed from their storage site. They are intended for use by the welder while at the site and not for permanent storage of rods. With normal duty cycle usage (opening & closing of the oven to access the electrodes) the Model 10A20 maintains an average internal temperature of approximately 275°F (135°C). If left energized and unopened for an extended period of time, the Model 10A20 will reach higher internal temperatures. The temperature of Model 10B20 oven is regulated by a thermostat to maintain constant internal temperature, whether rods are regularly removed or not. The temperature control on the Model 10B20 is recessed for protection from physical damage. The Model 10A20 and 10B20 incorporate a pilot light to indicate oven operation.

Care must be taken when loading and unloading electrodes from the oven. The electrodes and the rod lifter handle may be hot and it is essential that any user of this equipment wear protective gloves and protective eye wear.

To minimize the risk of electrical shock the Model 10A20 and 10B20 ovens should not be exposed to rain or placed in water. Do not touch an oven that has been exposed to rain or fallen into water until the power cord has been disconnected from the power supply. Do not use the oven if the power cord or plug is damaged. Wrap the power cord around the brackets on the side of the oven when not in use to prevent damage to the cord and plug. This equipment must be connected to a suitable power supply using a recognized connector or fused switch. This equipment must be properly earth grounded. Before any attempt is made to remove the bottom cover, the power supply must be isolated and precautions taken to ensure that it cannot be restored while the unit is being worked on.

USING THE OVEN

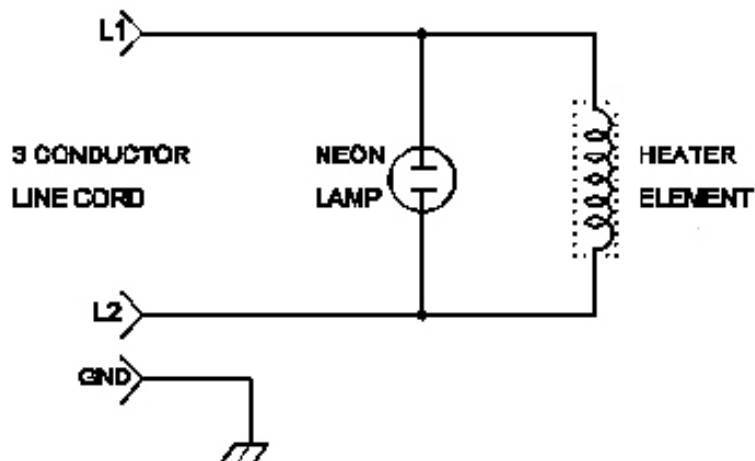
The oven is loaded and unloaded from the top using the rod lifter. The rod lifter handle may be hot and gloves should be worn to prevent burns. The rod lifter should be pulled up and secured in the raised position using one of the two rests on the rod lifter. Electrodes may then be loaded or unloaded. When finished, the rod lifter should immediately be returned to the closed position.

To adjust the temperature setting of the Model 10B20 oven place the oven on its side on a bench or other raised surface. Rotate the thermostat shaft using a slot screw driver, clockwise to increase the temperature.

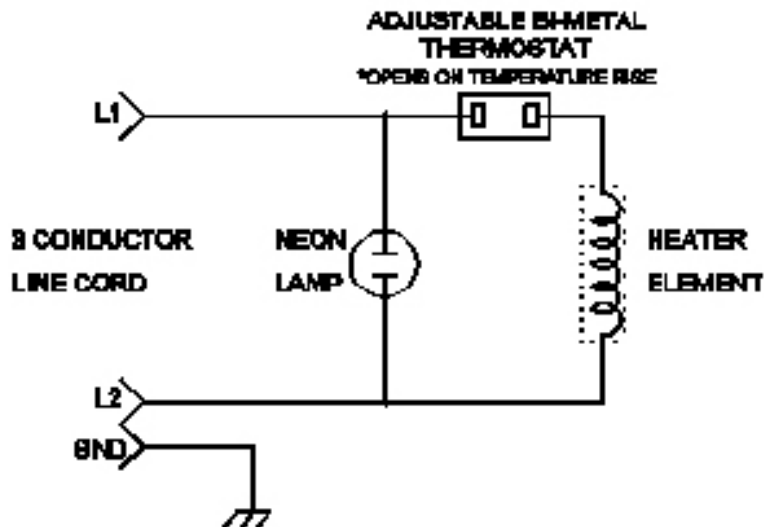
PARTS LIST

MODEL	10A20	10B20
ELEMENT 110 VOLT	1013	1013
ELEMENT 230 VOLT	2013	2013
PILOT LIGHT 110 VOLT	1019	1019
PILOT LIGHT 240 VOLT	2019	2019
THERMOSTAT	N/A	1018S
LINE CORD	10-LC: North American 115V only 10-LC-220: European 115V or 230V	10-LC: North American 115V only 10-LC-220: European 115V or 230V 10-LC-S: Australian 230V only
THERMOMETER KIT	1029-08	1029-08
ROD LIFTER	1016-20	1016-20

ELECTRICAL SCHEMATIC 10A20



ELECTRICAL SCHEMATIC 10B20



REVISION LIST

February 2011

Manual creation.

June 2012

Front page – Updated contact details.

Page 1 – Revised wording regarding average temperatures.

ADDITIONAL NOTES

Specifications and products are subject to change without notice.

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Only use genuine/authorized replacement parts.



GULLCO



LINEAR or RADIAL
HIGH DEPOSIT RATE
QUICK SETUP TIME

KAT® OSCILLATOR

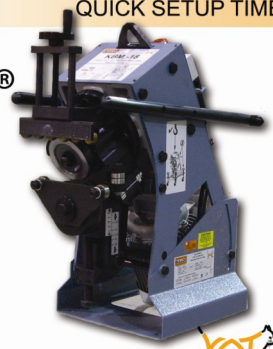
Motorized weld center line
adjustment
Motorized stroke width
Oscillation speed control
Store up to 10 welding
programs



PORTABLE PLATE EDGE
BEVELLING MACHINE
QUICK SETUP TIME

KBM®

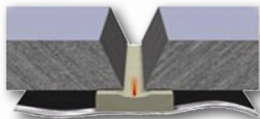
Produce clean bevels with no
thermal distortion
Bevels angles 22° to 55°
(other angles available)
Hydraulic and Adjustable
undercarriages available
Bevels Mild Steel, Stainless
Steel, and Aluminium
Reduce cost and save time by
minimising defects and poor fit
up



ONE SIDED WELDING
X-RAY QUALITY BEADS
HIGH DEPOSIT RATE

KATBAK® CERAMIC WELD BACKING

Eliminate Defects And Rework
Eliminate Costly Unnecessary
Gouging And Grinding
Sizes 1/4" (6.3 mm) to 2" (51 mm)
Special Sizes And Configurations
Available



PORTABLE AND COMPACT
INCREASE EFFICIENCY
MORE ARC ON TIME

MOGGY® FILLET WELD CARRIAGE

Single or Dual Torch Models
Magnet or Non Magnetic Base
Continuous or Stitch Welding
Models
Fillet, Lap, Butt and Dual Torch
Welding

