



# CW-11 (CWO-1100-SA) Circle Welder

For welding diameters from 10" to 50"  
(250 - 1270 mm) O.D.

The CW-11 can be used with a 3 jaw  
expandable chuck or a manipulator.

## Features:

- Wire feeder with one set of drive rolls
- K-231 gun
- DC drive motor and speed control for rotation
- Meter kit with 0-50 DC volt meter, 0-600 DC amp meter
- Burnback control
- 50 ft. (15 m) control cable
- Digital readout of wire feed speed (inches/millimeters)
- Weld switch (manual/automatic)
- Cold wire inch switch
- Wire direction switch
- Torch angle adjustor
- Flux hopper with gate valve
- 60 lbs. (27 kg) wire reel
- Horizontal and Vertical adjustment by rack and pinion
- Rise and fall cam with 7" (175 mm) of movement
- Brushes and collector rings for welding current (rated at 600 amps 100% duty cycle)

## Technical Data:

### CW-11 (CWO-1100)

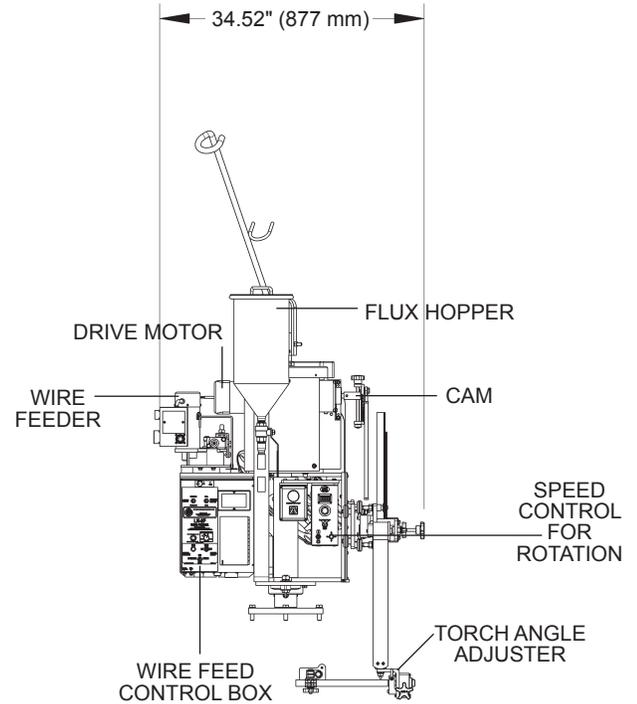
<b>Gun Current Rating:</b>	650 amps
<b>Input Voltage:</b>	115 VAC (from power source)
<b>Wire Sizes:</b>	
<b>Solid Wire:</b>	.035-3/32" (0.8-2.4 mm)
<b>Flux Cored Wire:</b>	.068-.120" (1.7-3.0 mm)
<b>Wire Feed Speed:</b>	50-600 ipm (1.2-15.2 meter/min)
<b>Rise and Fall Cam:</b>	0-7" (0-175 mm)
<b>Rotation Speed:</b>	.06-.72 rpm
<b>Welding Diameter:</b>	10-50" (250-1270 mm)
<b>Height:</b>	42" (1066 mm)
<b>Net Weight:</b>	360 lbs. (163.6 kg)

The CW-11 may be used with any constant voltage power source with connections for 115 VAC and weld contactor (i.e. DC-600, DC-655, DC-1000).

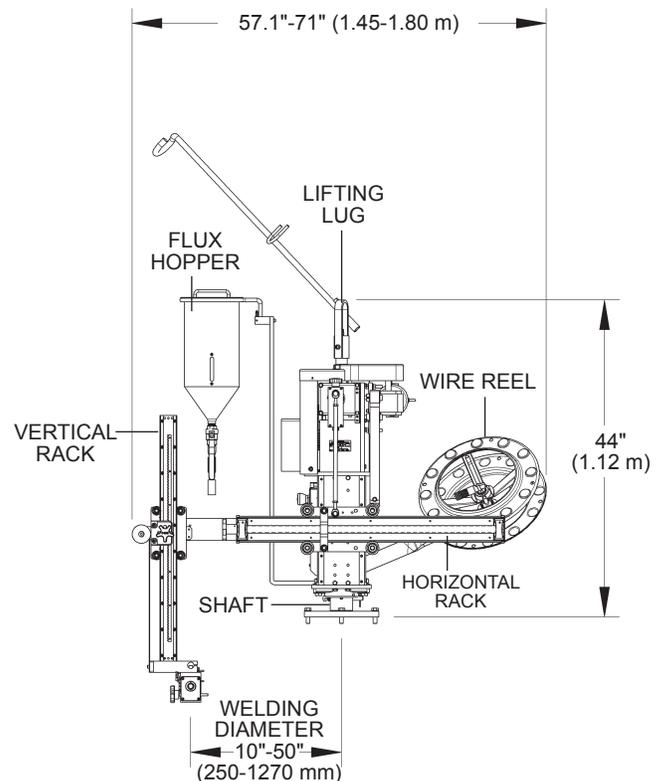
## Options:

- Horizontal and vertical adjustment may be motorized
- Gas option for MIG and flux cored welding is available
- Upon request the unit can be equipped with other gun types
- Three jaw expandable chucks
- Flux Recovery System

### SIDE ELEVATION



### FRONT ELEVATION





# CW-11 (CWO-1100-MG) Circle Welder

For welding diameters from 10" to 50"  
(250 - 1270 mm) O.D.

The CW-11 can be used with a 3 jaw  
expandable chuck or a manipulator.

## Features:

- Wire feeder with one set of drive rolls
- DC drive motor and speed control for rotation
- Meter kit with 0-50 DC volt meter, 0-600 DC amp meter
- #5 Gun and cable assembly, rated 500 amps
- Burnback control
- 50 ft. (15 m) control cable
- Digital readout of wire feed speed (inches/millimeters)
- Weld switch (manual/automatic)
- Cold wire inch switch
- Wire direction switch
- Torch angle adjustor
- 60 lbs. (27 kg) wire reel
- Horizontal and Vertical adjustment by rack and pinion
- Rise and fall cam with 7" (175 mm) of movement
- Brushes and collector rings for welding current, (rated at 600 amps 100% duty cycle)

## Technical Data:

### CW-11 (CWO-1100)

**Gun Current Rating:** 500 amp CO<sub>2</sub>  
400 amp mixed gases,  
60% duty cycle

**Input Voltage:** 115 VAC (from welder)

#### Wire Sizes:

**Solid Wire:** .035-3/32" (0.8-2.4 mm)

**Flux Cored Wire:** .068-.120" (1.7-3.0 mm)

**Wire Feed Speed:** 50-600 ipm (1.2-15.2 meter/min)

**Rise and Fall Cam:** 0-7" (0-175 mm)

**Rotation Speed:** .06-.72 rpm

**Welding Diameter:** 10-50" (250-1270 mm)

**Height:** 42" (1066 mm)

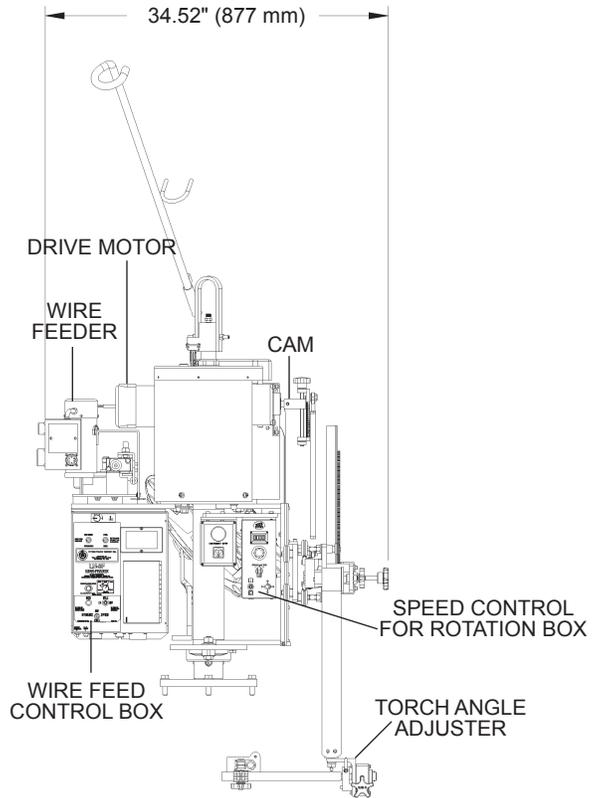
**Net Weight:** 360 lbs. (163.6 kg)

The CW-11 may be used with any constant voltage power source with connections for 115 VAC and weld contactor (i.e. DC-600, DC-655, DC-1000).

## Options:

- Horizontal and vertical adjustment may be motorized
- Electric oscillator
- Three jaw expandable chucks
- Sub-Arc components available

## SIDE ELEVATION



## FRONT ELEVATION

