



## *Powered Spin Welder Model SW200G with Gear Reduction*



### General Description

The Branson SW200G is a precision servo-driven spin welding system with gear reduction, capable of welding circular parts with accurate control. It is easy to set up and operate. The SW200G is designed for use in manual, semi-automated, or fully-automated environments.

A free-standing operator interface allows for the following adjustments: revolutions per minute (RPM), revolutions per weld cycle (RPC), and hold time (HT).

### Key Features and Benefits

New SW200G features:

- Servo drive provides final part orientation to within  $\pm 1^\circ$ .
- Integral reduction gear provides high torque for welding larger parts.

- Precise RPM control maintains constant velocity.
- Adjustable RPC (revolutions per weld cycle). This provides for consistent weld results.
- Rapid deceleration provides high-strength bonds.
- Adjustable hold time
- Adjustable height (18"/457 mm) and stroke (up to 3.5"/89 mm) provide ease of setup.

### Other Features

- Dual non-tie-down palm buttons with emergency stop to ensure safe operation.
- Ergonomic base

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# BRANSON

## Mechanical Specifications

### Weight:

Stand: 275 lbs. (125 kg)  
 Operator interface: 65 lbs. (30 kg)

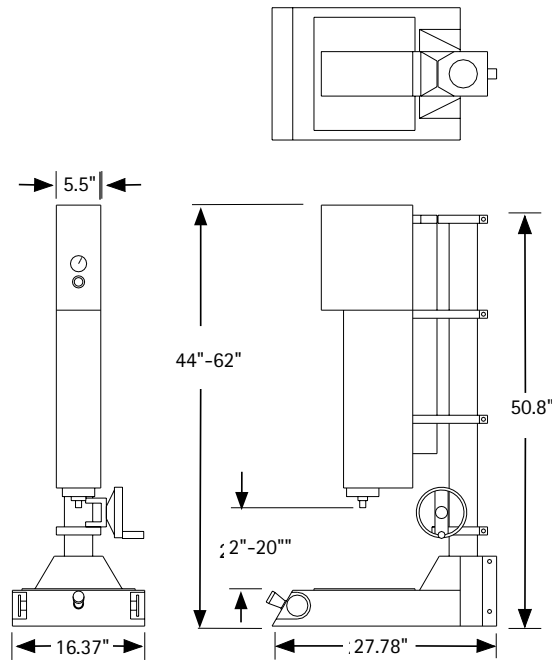
Stroke length: 3.5" (89 mm)

Height adjustment: 18" (457 mm)

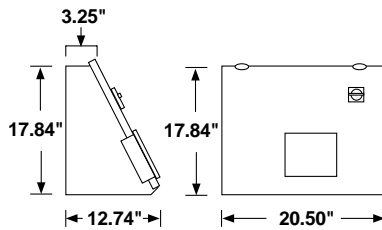
Throat (tooling center-line to column): 10.625" (270 mm)

Drive spindle to base distance: 2" to 20" (51 to 508 mm)

### Dimensions:



SW200G Spin Welder

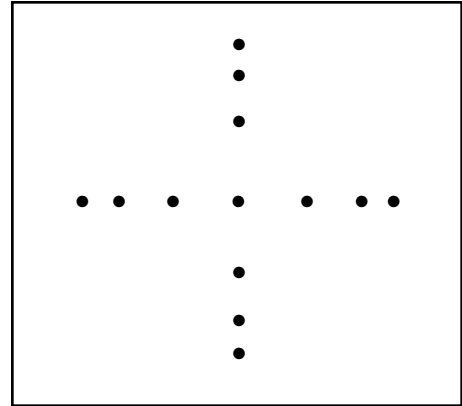


Operator Interface

Maximum force applied to part: 314 lbs. ( 1.4 kN )  
 Pneumatic requirement: Clean (5 micron), dry air, 100 psi max.; 1 CFM

### Mounting hole pattern:

3/8-16 tapped holes on center, and on 4-7/16", 7", and 9" bolt circles



## Electrical Specifications

Power requirement: 220V-240V AC, 20 amps, 3-phase, 50/60 Hz

*Note: All specifications subject to change without notice.*

## Ordering Information

*Note: All sales shall be subject to the Supplier's terms and conditions of sale as described in Branson's quotations and sales contracts.*

Model SW200G Branson EDP No. 300-101-075

## Warranty

The SW200G Powered Spin Welder is warranted to be free from defects two years for parts and one year for labor starting from date of shipment.

*Note: The Model SW200G powered spin welder is designed in USCS units. All dimensions are nominal.*

## Branson

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### SW-200G

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