

## Bapco In-Line Induction Welder BTW-2

### Overview

The Bapco In-Line Induction Welder is a compact stand alone unit, conveniently fitting within existing conveyor layouts. The top belt and bottom conveyor feed containers through a powerful induction field, at high speeds, resulting in a 100% weld ensuring full package integrity. The system includes an interactive user interface allowing operators full control of adjustments and data sensors.

### Standard Features

- Food grade stainless steel construction.
- Flexible head height allows for wide range of container heights.
- Hose down capability to IP65/NEMA 4X rating.
- Safety circuits to category 4.
- Full PLC control for constant operational feedback and reporting
- Pneumatically controlled conveyor.
- Line speeds of up to 400BPM depending on coil design and customer package/contents.
- 6kW Induction Generator.
- 2 Ton Chiller Unit.

### Extra Features

- Electrical Cabinet Air Conditioning.
- Induction Generator Moisture build up protection (necessary in humid/tropical climates).
- HMI upgrade to colour screen/larger panel.
- Machine lower conveyor can be configured for either side feed or direct build into existing conveyor.
- Ethernet based PLC.
- Top belt and Bottom Belt automatic synchronisation.
- Generator upgrade to 12kW+
- Chiller Upgrades – 3BAR Pump, stainless steel upgrade, higher heat dissipation offered on generator upgrade. High temperature kit for warmer climates.

### Technical Specifications for the BTW-2

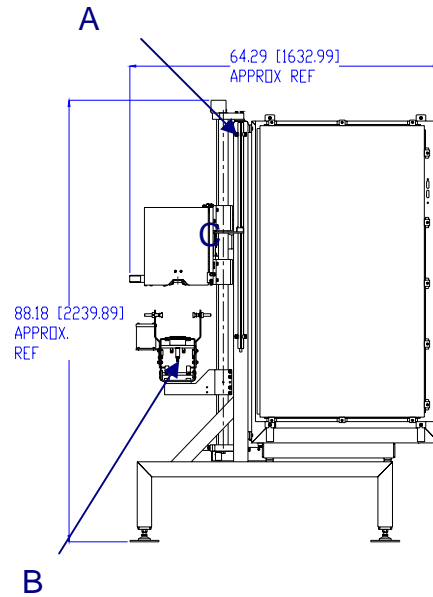
#### *Utility Requirements*

Input voltage:	3 phase, 415/480v @ 50/60hZ Overall Load dependent on options
Air Supply:	40-80 PSI

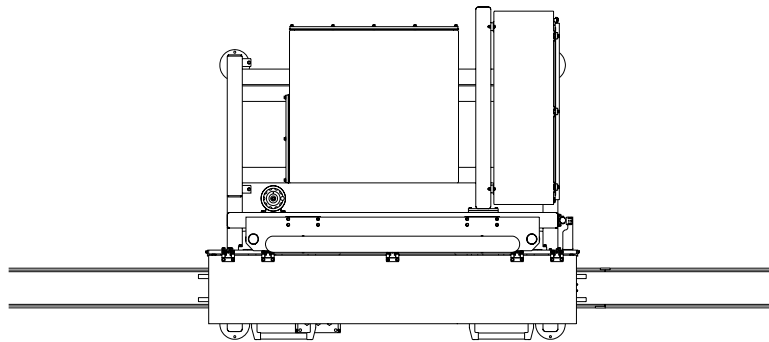
**Drawing Reference: GA BTW2**

*Main system components & dimensions described below:-:*

- A. main frame
- B. air cushioned conveyor



**Side View**



**Plan View**

N.B: All dimensions in Inches [MM]