

Delivering Enhanced Capability, Smart  
Set-Up and Ready to Run Data Capture



# ALL NEW PANEL INSERTION MECHANISM

Incorporates a compact fully shielded Hitachi Powered Slide to facilitate smaller panel processing, faster setting and automatic data recording.

- **SERVO-MOTOR DRIVE**, enables storing and downloading of part specific programs.
- **INFINITELY ADJUSTABLE START POSITION**, reduce cycle time and air consumption.
- **SINGLE BUTTON PRE-ENGAGEMENT** (prior to cycle start) for thin and warped panel.
- **RETAINED ENGAGEMENT** during pre-heat cycle.
- **ADJUSTABLE PANEL RECIPROCATION** during dwell and insertion for **IMPROVED HEAT TRANSFER AND WETTING**

## NEW CONTROLS AND SOFTWARE

### Free-standing Control Console with **Siemens colour Touch Screen**

Housed in a new free-standing control console and accessed via a larger colour 'Touch Screen' HMI. Password protected Operator, Technical and Maintenance screens.

New hardware and software makes Setting, Recording and Reporting faster and easier. All Data can be logged and stored via network or USB port.

*New screens and features include...*

#### **PRACTICAL PROCESS CONTROL**

- Management and use of Recipes.
- Process variable adjustments.
- Pressure variation alarms.

#### **SMART SETUP**

- Recipe based semi-automatic machine setup.
- Single Button Pre-Engagement (prior to cycle start) for thin and warped panels.

#### **MAINTENANCE MANAGEMENT MADE EASY**

- Operation time and service recordings on screen.
- Heat up and cool down programs to reduce dissolution time and facilitate surface refining for efficient copper extraction (skimming).
- Environmental and alloy thermal compensation adjustments.
- 'Real time' graphic displays for heating, pressure settings and solder composition.
- On-Screen Copper Control Calculator

#### **DIMENSIONS**

Height: ..... 610mm (24") model 2821mm  
762mm (30") model 3114mm

Width: ..... 610mm (24") & 762mm (30") models 1730mm

Depth: ..... 610mm (24") & 762mm (30") models 2142mm

#### **LOW POWER REQUIREMENTS**

**Start Up:** .....36KW 610mm (24") Model  
40KW 760mm (30") Model

**Standby Mode:** .....5% Power Usage (Typical)

**Run Mode:** .....60% Power Usage (Typical)

**[www.cemco.com](http://www.cemco.com)**

Circuit Engineering Marketing Co LTD.  
2 Relay Road, Waterlooville Hampshire, PO7 7XA UK.  
T +44 (0) 23 9226 2120 F +44 (0) 23 9226 2089 E [info@cemco.com](mailto:info@cemco.com)

Registered in England No: 01500012 Registered Office: Old Lime Works, Buriton, Petersfield, Hampshire, GU31 5SJ

**Design rights reserved © 2015**