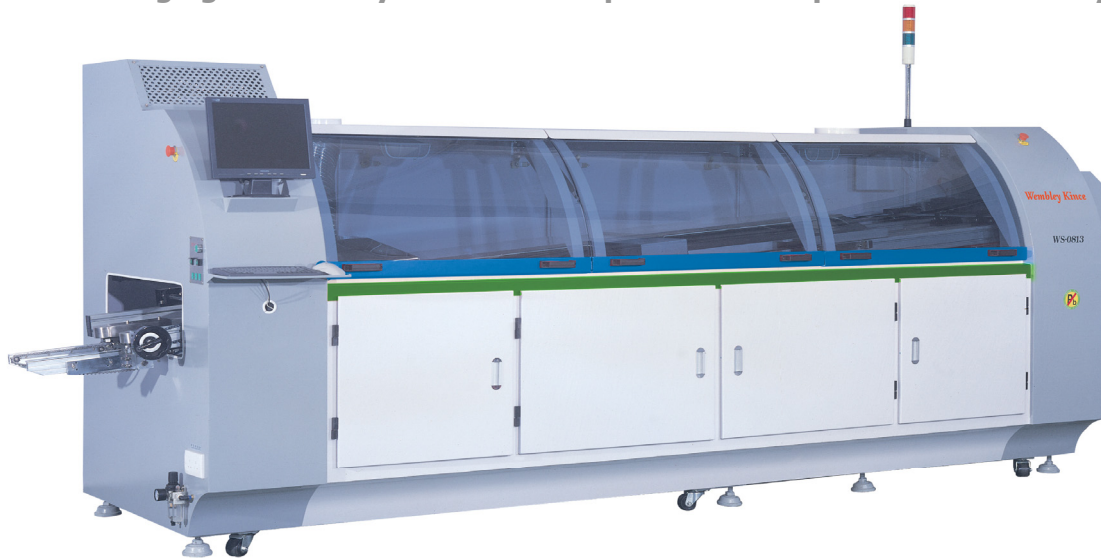


# WAVE SOLDERING SYSTEMS

## WEMBLEY KINCE (GELEC UK)

Built to master the challenge of Lead Free production, the comprehensive range of Wembley Kince wave soldering machines sets the standard for Lead-Free soldering systems. Wembley Kince have been manufacturing quality wave solder and reflow systems since early 1988 and have established 4 manufacturing and office facilities with over 70 engineers operating under an ISO9001 quality management system. These leading edge systems are now available with the backing and resources of the Altus Group customer support team. Configurable with Air or Nitrogen atmosphere, the Wembley Kince range guarantees your Lead Free production requirements at a very competitive price.



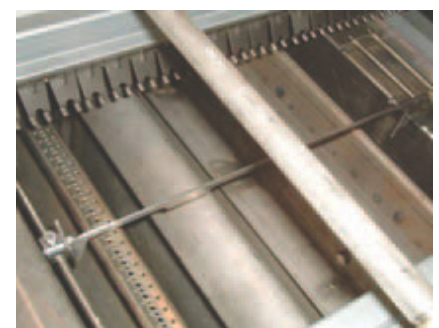
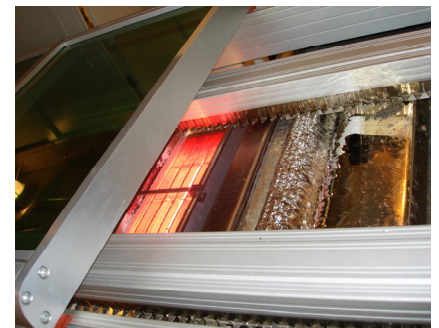
### STANDARD FEATURES AT NO EXTRA COST

#### Others may call them options

- Dual Wave
- Motorised width adjust
- Computer control operator interface
- Profile ports
- Light tower
- Uninterruptible power supply
- Guaranteed Lead Free process ready
- Closed loop PID control
- Internal spray fluxer module
- Extended input rail

The Wembley Kince range comes with a dual wave as standard. 1.8 Meter convection preheat zones and one IR preheat booster ensure an optimum lead free profile. An optional external industrial gas chiller promotes accelerated cooling as the board leaves the wave and aids in reducing fillet lifting associated with lead free alloys. .

- Lead Free Process Guaranteed
- Extended External Cooling
- 1.8m Preheat as standard
- Cast Titanium Solder Pot
- Air or Nitrogen



# Wembley Kince



## SALES ENQUIRIES

### England / Wales Office

#### Altus Group Ltd

Lodge Park  
16 Wirehill Drive  
Redditch  
Worcestershire  
B98 7JS

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Fax. +44 (0) 7092 111 945

## HEAD OFFICE & ADMINISTRATION

### Scottish Office

#### Altus Group Ltd

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Mitchelston Industrial Estate  
Kirkcaldy, Fife  
KY1 3PB

Tel. +44 (0) 1592 655 400

Fax. +44 (0) 1592 655 401

## SPECIFICATIONS

| MODEL NUMBER                                   | WS-0813   | WS-0813N                                  |
|--|---|---|
|  |   | Nitrogen                                  |
| <b>Preheat Zones</b>                           | 3   |   |
| <b>Heating Method</b>                          | Either Convection (600mm x 3 + IR 100mm)<br>Or IR (900mm x 2 ) Customer Specifies |   |
| <b>Heating Zone Length mm</b>                  | 1800mm or 1900mm  |   |
| <b>Cooling Zones</b>                           | 2 ( x 232mm) One internal + one external on exit                                  |   |
| <b>Track Length mm</b>                         | 4460  | 4460                                      |
| <b>Temperature Range</b>                       | Room temperature ~ 350 ° C  |   |
| <b>Temp Setting Tolerance</b>                  | ± 0.1 ° C   |   |
| <b>Temperature Accuracy</b>                    | ± 1.5 ° C   |   |
| <b>Process Direction</b>                       | Either Left / Right or Right / Left,<br>Customer Specifies                        |   |
| <b>PCB Width</b>                               | Rail adjustable from 50mm to 350mm<br>(effective width 350mm)                     |   |
| <b>Conveyor Type</b>                           | Finger double strengthened 'V' groove or 'L' shape<br>type rail chain             |   |
| <b>Conveyor Speed &amp; Height</b>             | Zero to 1800 mm per minute, 750 mm ± 30 mm  |   |
| <b>Fluxer</b>                                  | Single Nozzle Spray Flux  |   |
| <b>Solder Pot</b>                              | Titanium purity 99.405%; Capacity 420Kg   |   |
| <b>Operating System</b>                        | Windows 2000 Professional with UPS back-up 1 Kw                                   |   |
| <b>Safety System</b>                           | High and Low Temperature alarm, phase fault alarm,<br>PCB error alarm             |   |
| <b>Nitrogen Consumption</b>                    | N/A   | 20 to 25 m <sup>3</sup> /h<br>350-900 ppm |
| <b>System Power</b>                            | 3 Phase 5 wire 380 V ac 50/60Hz   |   |
| <b>Steady State Power</b>                      | 7 kW  |   |
| <b>Start Up Power</b>                          | 29 kW   |   |
| <b>Overall Dimensions<br/>mm ( L x W x H )</b> | 3800 x 1250 x 1800  |   |
| <b>Net Weight</b>                              | 2100 Kg   |   |

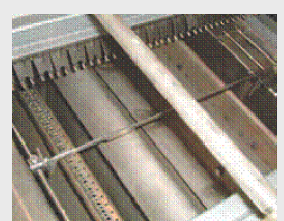
## OPTIONAL EXTRAS



Oxygen Analyser



Heavy Duty Air Chiller



Centre Rail Support

## Web Sites

**Altus Group:** [www.altusgroup.biz](http://www.altusgroup.biz)

**E-mail:** [sales@altusgroup.biz](mailto:sales@altusgroup.biz) **Spares:** [spares@altusgroup.biz](mailto:spares@altusgroup.biz)

