

## 2004 Amada LC1212 Alpha 3 - 2kw, Remanufactured



Stock No: 1649

|                                                          |                                                                                                      |
|----------------------------------------------------------|------------------------------------------------------------------------------------------------------|
| <b>Model</b>                                             | Amada LC1212 Alpha III 2kw<br>FULLY REMANUFACTURED                                                   |
| <b>Year</b>                                              | 2003                                                                                                 |
| <b>Traverse Method</b>                                   | X Axis Head Traverse<br>Y Axis Head Traverse                                                         |
| <b>Axis Traverse Distance</b>                            | 1270 x 1270 x 300mm (Z Axis)                                                                         |
| <b>Max. Sheet Size<br/>(including 1 reposition)</b>      | 2540 x 1270mm                                                                                        |
| <b>Max. Guaranteed<br/>Material Thickness</b>            | 12mm Mild Steel<br>10mm Stainless (Oxygen Cut)<br>6mm Stainless (Clean Cut)<br>4mm Aluminium (A5052) |
| <b>Max. Material Weight</b>                              | 210Kg                                                                                                |
| <b>Max. Feed Speed</b>                                   | 80m/min(X & Y Axis)<br>60m/min (Z Axis)                                                              |
| <b>Laser Cutting Speed</b>                               | 0 - 20m/min                                                                                          |
| <b>Positioning Repeatability</b>                         | /- 0.005mm                                                                                           |
| <b>Axis Drive (X, Y &amp; Z)</b>                         | AC Servo Motor                                                                                       |
| <b>Workchute</b>                                         | 1270 x 550mm                                                                                         |
| <b>Assist Gas</b>                                        | 4 Ports, 6 Selections Auto-<br>Change                                                                |
| <b>Electric Power Required<br/>(Includes Oscillator)</b> | 43KVA 400V /- 10% 50Hz                                                                               |
| <b>Air Required Machine Only</b>                         | 6.0 Kg/cm <sup>2</sup> 250 l/min                                                                     |
| <b>Machine Length</b>                                    | 3123mm                                                                                               |
| <b>Machine Height</b>                                    | 2275mm                                                                                               |
| <b>Machine Weight</b>                                    | 4.9 tonnes                                                                                           |

|                                          |                                                                                         |
|------------------------------------------|-----------------------------------------------------------------------------------------|
| <b>Standard Equipment</b>                | Anti Scratch Roller System<br>-Z-Axis Sensor<br>NC Autofocus<br>CE Conformity Partition |
| <b>Oscillator Specification</b>          |                                                                                         |
| <b>Model:</b>                            | Fanuc C - 2000C                                                                         |
| <b>Type:</b>                             | RF Discharge Excited Fast<br>Axial Flow                                                 |
| <b>Rated Output:</b>                     | 2000W                                                                                   |
| <b>Laser Gas Mixture:</b>                | CO <sub>2</sub> :He <sub>2</sub> :N <sub>2</sub> =5:40:55 /-2%<br>each                  |
| <b>Laser Gas Pressure:</b>               | 1.75 /-0.25 Kg/cm <sup>2</sup> (at<br>regulator)                                        |
| <b>Laser Gas Consumption:</b>            | 10 l/hour                                                                               |
| <b>NC Specification</b>                  |                                                                                         |
| <b>Model:</b>                            | Fanuc FS - 160i-L                                                                       |
| <b>Display:</b>                          | 9" Colour LCD                                                                           |
| <b>Data Interface:</b>                   | RS232C                                                                                  |
| <b>Chiller Specification</b>             |                                                                                         |
| <b>Model:</b>                            | Tricool 2152 - 50 AMS                                                                   |
| <b>Type:</b>                             | Air Cooled, Floor Mounted                                                               |
| <b>Water Specification:</b>              | Demineralized                                                                           |
| <b>Power Requirement:</b>                | 400V 3 Phase Earth                                                                      |
| <b>Power Consumption:</b>                | 20A                                                                                     |
| <b>Dimensions:</b>                       | 1200(L) x 620(W) x 1520mm(H)                                                            |
| <b>Weight:</b>                           | 390Kg                                                                                   |
| <b>Dust Collection<br/>Specification</b> |                                                                                         |
| <b>Model:</b>                            | DCE Unicell C32 - 3K10                                                                  |
| <b>Air Requirements:</b>                 | 270 litres / min (7 Bar)                                                                |
| <b>Power Supply:</b>                     | 3 Phase AC Supply 400V 50Hz                                                             |
| <b>Weight:</b>                           | 832Kg                                                                                   |
| <b>Dimensions:</b>                       | 1030(W) x 3300(L) x 1630mm(H)                                                           |
| <b>Fan Motor:</b>                        | 5.5Kw                                                                                   |

## Features and Benefits

**Warranty:** 6 months parts and labour warranty available in UK. Installation and training available.

**Availability:** Ex stock,

**Condition: FULLY REMANUFACTURED.** Available to view in our warehouse near Congleton, Cheshire, UK. Jct17 M6.

**Price:** P.O.A