

## 2003 Amada LC2415 Alpha 111 - 4kw



Stock No: 1886

|                                                          |                                                                                                         |
|----------------------------------------------------------|---------------------------------------------------------------------------------------------------------|
| <b>Model</b>                                             | Amada LC2415 Alpha 111 4kw                                                                              |
| <b>Year</b>                                              | 2006                                                                                                    |
| <b>Traverse Method</b>                                   | X Axis Sheet Traverse<br>Y Axis Head Traverse                                                           |
| <b>Axis Traverse Distance</b>                            | 2520 x 1550 x 300mm (Z Axis)                                                                            |
| <b>Max. Sheet Size<br/>(including 1 reposition)</b>      | 5040 x 1550mm                                                                                           |
| <b>Max. Guaranteed<br/>Material Thickness</b>            | 10 mm Mild Steel<br>8 mm Stainless (Oxygen Cut)<br>7 mm Stainless (Clean Cut)<br>6 mm Aluminium (A5052) |
| <b>Max. Material Weight</b>                              | 330Kg                                                                                                   |
| <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>                                         | 1550 x 550mm                                                                                            |
| <b>Assist Gas</b>                                        | 3 Ports, automatic control                                                                              |
| <b>Electric Power Required<br/>(Includes Oscillator)</b> | 65KVA 400V +/- 10% 50Hz                                                                                 |
| <b>Air Required Machine Only</b>                         | 6.0 Kg/cm <sup>2</sup> 850 l/min                                                                        |
| <b>Machine Length</b>                                    | 5700mm                                                                                                  |
| <b>Machine Height</b>                                    | 2275mm                                                                                                  |
| <b>Machine Weight</b>                                    | 6.4 tonnes                                                                                              |

|                                 |                                                                                                 |
|---------------------------------|-------------------------------------------------------------------------------------------------|
| <b>Standard Equipment</b>       | Anti Scratch Roller System<br>-Z-Axis Sensor (HS-98)<br>NC Autofocus<br>CE Conformity Partition |
| <b>Oscillator Specification</b> |                                                                                                 |
| <b>Model:</b>                   | Fanuc AF 4000E                                                                                  |
| <b>Type:</b>                    | RF Discharge Excited Fast Axial<br>Flow CO2 laser<br>4000W                                      |
| <b>Rated Output:</b>            | CO2:He2:N2=5:40:55 +/-2% each                                                                   |
| <b>Laser Gas Mixture:</b>       | 1.75 +/-0.25 Kg/cm <sup>2</sup> (at regulator)                                                  |
| <b>Laser Gas Pressure:</b>      | 20 l/hour                                                                                       |
| <b>Laser Gas Consumption:</b>   |                                                                                                 |
| <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 21 series S2/120 or<br>equivalent                                                       |
| <b>Type:</b>                    | Air Cooled, Floor Mounted                                                                       |
| <b>Water Specification:</b>     | Demineralized                                                                                   |
| <b>Power Requirement:</b>       | 400V 3 Phase neutral earth                                                                      |
| <b>Power Consumption:</b>       | 29.1 KVA                                                                                        |
| <b>Dimensions:</b>              | 1750(L) x 800(W) x 1750mm(H)                                                                    |
| <b>Weight:</b>                  | 700Kg                                                                                           |

|                                      |                               |
|--------------------------------------|-------------------------------|
| <b>Dust Collection Specification</b> |                               |
| <b>Model:</b>                        | Torit DFPRo 4 or equivalent   |
| <b>Capactiy:</b>                     | 1800m3/hr @ 20c               |
| <b>Power Supply:</b>                 | 3 Phase AC Supply 400V 50Hz   |
| <b>Weight:</b>                       | 730Kg                         |
| <b>Dimensions:</b>                   | 1390(W) x 1500(L) x 2295mm(H) |
| <b>Fan Motor:</b>                    | 3Kw                           |

**Features and Benefits**

**Warranty:** Parts and labour warranty (UK). Installation and training available.

**Availability:** Ex stock.

**Condition:** Available to view in our Warehouse near Sandbach, Cheshire, UK. Jct17 M6.

**Price:** P.O.A