

## 2011 Amada LC2415 Alpha IV, 2.5kw Laser



Stock No: 1903

|                                                     |                                                             |
|-----------------------------------------------------|-------------------------------------------------------------|
| <b>Model</b>                                        | Amada LC2415 Alpha IV, 2.5kw                                |
| <b>Year</b>                                         | 2011                                                        |
| <b>Traverse Method</b>                              | X Axis sheet traverse<br>Y Axis head traverse               |
| <b>Axis Traverse Distance</b>                       | 2520 x 1550 x 300 mm (Z axis)                               |
| <b>Max. Sheet Size<br/>(including 1 reposition)</b> | 5040 x 1550 mm x 300mm                                      |
| <b>Max. Guaranteed<br/>Material Thickness</b>       | 9 mm mild steel<br>6 mm stainless<br>5 mm aluminium (A5052) |
| <b>Max. Material Weight</b>                         | 330 kg                                                      |
| <b>Max. Feed Speed</b>                              | 80m/min (X & Y axis)<br>60m/min (z axis)                    |
| <b>Laser Cutting Speed</b>                          | 0 - 20m/min                                                 |
| <b>Repeatable Positioning<br/>Accuracy</b>          | +/- 0.005mm                                                 |
| <b>Axis Drive (X, Y &amp; Z)</b>                    | AC servo motor                                              |
| <b>Workchute</b>                                    | 1750 x 550 mm                                               |
| <b>Assist Gas</b>                                   | 3 ports, automatic control                                  |
| <b>Electric Connection</b>                          | 400v, 50Hz, 3 phases                                        |
| <b>Air Required Machine Only</b>                    | 250L/min, 6.0 bar                                           |
| <b>Machine Length</b>                               |                                                             |
| <b>Machine Height</b>                               |                                                             |
| <b>Machine Weight</b>                               | 7.5 tonnes                                                  |

|                                 |                                                |
|---------------------------------|------------------------------------------------|
| <b>Standard Equipment</b>       |                                                |
| <b>Oscillator Specification</b> |                                                |
| <b>Model:</b>                   | Fanuc AF4000E                                  |
| <b>Type:</b>                    | RF Discharge excited fast axial flow CO2 laser |
| <b>Rated Output:</b>            | 2500 W                                         |
| <b>Laser Gas Mixture:</b>       | CO2:He2:N2=5:40:55 +/- 0.5%                    |
| <b>Laser Gas Pressure:</b>      | 1.75 +/- 0.25 Kg/cm2                           |
| <b>Laser Gas Consumption:</b>   | 10 L/hr                                        |
| <b>NC Specification</b>         |                                                |
| <b>Model:</b>                   | CNC control, Model AMNC-F                      |
| <b>Display:</b>                 | 14" LCD                                        |
| <b>Data Interface:</b>          |                                                |
| <b>Chiller Specification</b>    |                                                |
| <b>Model:</b>                   | Donaldson UC-300SP                             |
| <b>Type:</b>                    | Air cooled, floor mounted                      |
| <b>Water Specification:</b>     | Demineralized                                  |
| <b>Power Requirement:</b>       | 400 V 3 phase + earth                          |
| <b>Power Consumption:</b>       | 17 Kw                                          |
| <b>Dimensions:</b>              | 1050mm (W) x 1610mm (D) x 1825mm (H)           |
| <b>Weight:</b>                  | 560 kg transport<br>880 kg operational         |

## Dust Collection

### Specification

**Model:**

Torit DRFP04

**Air Requirements:**

6 bar (max 7 bar)

**Power Supply:**

3 phase 400VAC 50Hz + earth

**Weight:**

730 kg

**Dimensions:**

1390mm (W) x 1500mm (L) x 2295mm (H)

**Fan Motor:**

3 kw

## 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