

## 1999 Amada Apelio III 2510V Combination Laser Punch Press

Stock No: 1858

|                                                         |                                                                                                                                                                                                                   |
|---------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Model</b>                                            | Amada Apelio III 2510 Vipros Combination Punch Press with 31 Station Turret with 3 Auto Indexing Units 2KW Laser                                                                                                  |
| <b>Year</b>                                             | 1999                                                                                                                                                                                                              |
| <b>Frame Construction</b>                               | Bridge Type                                                                                                                                                                                                       |
| <b>Press Capacity</b>                                   | 20 tonnes (196kN)                                                                                                                                                                                                 |
| <b>Axis Traverse Distance</b>                           | 2500 x 1270mm                                                                                                                                                                                                     |
| <b>Workable Max. Sheet Size with auto repositioning</b> | 5000 x 1270mm                                                                                                                                                                                                     |
| <b>Max. Material Thickness</b>                          | 9mm Mild steel<br>4mm Stainless Steel<br>4mm Aluminium 5052                                                                                                                                                       |
| <b>Max. Hole Dia./Max. Material</b>                     | 14mm diameter                                                                                                                                                                                                     |
| <b>Max. Material Weight</b>                             | 100Kg                                                                                                                                                                                                             |
| <b>Max. Hole Dia.</b>                                   | 88mm                                                                                                                                                                                                              |
| <b>No. of Stations:</b>                                 | <b>31 Stations:</b><br>19 x A (Max. Dia. 12.7mm)<br>6 x B (Max. Dia. 31.7mm)<br>1 x C (Max. Dia. 50.8mm)<br>2 x D (Max. Dia. 88.9mm)<br><b>Auto Index:</b><br>2 x B (Max. Dia. 31.7mm)<br>1 x C (Max. Dia 50.8mm) |
| <b>Electric Power Required</b>                          | 55KVA 400V +/- 10% 50Hz                                                                                                                                                                                           |
| <b>Air Pressure Required</b>                            | 5.0 Kg/cm <sup>2</sup>                                                                                                                                                                                            |
| <b>Air Flow</b>                                         | 80 L/min                                                                                                                                                                                                          |
| <b>Clutch Brake</b>                                     | Hydraulic Combination                                                                                                                                                                                             |
| <b>Machine Length</b>                                   | mm                                                                                                                                                                                                                |
| <b>Machine Height</b>                                   | mm                                                                                                                                                                                                                |
| <b>Machine Width</b>                                    | mm                                                                                                                                                                                                                |
| <b>Machine Weight</b>                                   | Kgs                                                                                                                                                                                                               |

|                                    |                                                                                                     |
|------------------------------------|-----------------------------------------------------------------------------------------------------|
| <b>Axis Speed</b>                  | 82m/min                                                                                             |
| <b>Axis Drives</b>                 | AC Servo Motor                                                                                      |
| <b>Strokes per Minute</b>          | 350 S.P.M.                                                                                          |
| <b>Hits per Minute(25mm pitch)</b> | 2mm Pitch: 1000 H.P.M./2.5mm Stroke<br>25.4mm Pitch: 340 H.P.M./8mm Stroke                          |
| <b>Turret Speed Bi-Directional</b> | 30 RPM                                                                                              |
| <b>Punching Accuracy</b>           | / - 0.1mm                                                                                           |
| <b>Ram Stroke Length</b>           | 32mm                                                                                                |
| <b>Oscillator Specification</b>    |                                                                                                     |
| <b>Model:</b>                      | Fanuc C-1500B                                                                                       |
| <b>Type:</b>                       | RF Discharge Excited Fast Axial Flow                                                                |
| <b>Rated Output:</b>               | 2000W                                                                                               |
| <b>Laser Gas Mixture:</b>          | CO <sub>2</sub> :N <sub>2</sub> :He ratio 5:55:40 (Laser)                                           |
| <b>Laser Gas Pressure:</b>         | 1.75 +/-0.25Kg/cm <sup>2</sup> (at regulator)                                                       |
| <b>Laser Gas Consumption:</b>      | 10 l/hr (Laser)                                                                                     |
| <b>Cutting Capacity:</b>           | 12mm Mild Steel<br>9mm Stainless (Oxygen Cut)<br>6mm Stainless (Clean Cut)<br>4mm Aluminium (A5052) |
| <b>NC Specification</b>            |                                                                                                     |
| <b>Model:</b>                      | Fanac 18P                                                                                           |
| <b>CRT Display:</b>                | 14" TFT                                                                                             |
| <b>Data Interface:</b>             | RS232C                                                                                              |
| <b>Chiller Specification</b>       |                                                                                                     |
| <b>Model:</b>                      | Air Cooled, Floor Mounted                                                                           |
| <b>Type:</b>                       | Demineralised                                                                                       |
| <b>Water Type:</b>                 | 415V 3 Phase Earth                                                                                  |
| <b>Dust Collector</b>              |                                                                                                     |

### Features and Benefits

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

**Availability:** Ex stock.

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

**Price:** P.O.A