

**MORGAN RUSHWORTH PBXL CNC 1600.40 HYDRAULIC PRESS BRAKE 415V**

The Morgan Rushworth PBXL CNC press brakes are fitted with the ESA S 840 CNC control featuring a 15.6" touch screen and both numerical and 2D graphical program entry. Bending can also be graphically visualised in 2D showing the machine frame, top and bottom tools, back gauge fingers and part orientation. PC based software is included and, with the control networked, can be used to load programs from the office. The PBXL CNC models feature 5-axis CNC control of the left and right ram cylinders, the back gauge depth, back gauge height and motorised crowning. The position of the two cylinders is fully synchronised with high precision scales on the side frames ensuring ram parallelism. AKAS laser tooling guards are standard and offer a vastly improved operator experience without compromising safety. All PBXL CNC models are supplied with sectionalised euro style top tools and a multi vee bottom die.

## FEATURES

- ESA S840 multi-axis CNC 15.6" control with numerical and 2D graphical programming and visualisation, mounted on a pendant arm
- Fully synchronised CNC control of left and right upper beam cylinder position – Y1 + Y2 axis
- CNC control of back gauge depth – X axis
- CNC control back gauge height – R axis
- CNC bottom tool crowning system
- Manual side to side movement of back gauge fingers – Z axis
- Back gauge fingers with fine depth adjustment, adjustable laterally on a linear rail
- Euro style Quick Release top tool holders with wedge style intermediates
- Sectionalised goose neck top tool and multi vee bottom die
- AKAS laser tooling guards for enhanced ease of use
- High precision linear scales for measurement of the stroke depth
- Hydraulic ram travel guided in low friction slide ways
- High approach and return speeds for production bending
- Electrically interlocked side guards

## TECHNICAL INFORMATION

| MODEL                             |        | PBXL CNC 1600.40 |
|-----------------------------------|--------|------------------|
| Bending Power                     | tonne  | 40               |
| Bending Length (Over Tooling)     | mm     | 1600             |
| Bending Length (Between Frames)   | mm     | 1300             |
| Y Axis Approach Speed             | mm/sec | 180              |
| Y Axis Bending Speed (Maximum)    | mm/sec | 10               |
| Y Axis Return Speed               | mm/sec | 150              |
| X Axis Travel                     | mm     | 600              |
| X Axis Speed                      | mm/sec | 200              |
| R Axis Travel (Optional)          | mm     | 150              |
| R Axis Speed (Optional)           | mm/sec | 100              |
| No of Back Gauge Fingers          |        |                  |
| No of Front Support Arms          |        |                  |
| Stroke                            | mm     | 150              |
| Daylight                          | mm     | 460              |
| Throat Depth                      | mm     | 250              |
| Table Height                      | mm     |                  |
| Table Width                       | mm     |                  |
| Oil Capacity                      | litre  |                  |
| Motor Power                       | kW     | 4                |
| Nominal Power (excluding options) | kW     |                  |
| Length (excluding control arm)    | mm     | 2150             |
| Width                             | mm     | 1350             |
| Height                            | mm     | 2180             |
| Weight                            | kg     | 2850             |

OTHER IMAGES

