

**MORGAN RUSHWORTH PBXL CNC 4000.500 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 4000.500
Bending Power	tonne	500
Bending Length (Over Tooling)	mm	4000
Bending Length (Between Frames)	mm	3100
Y Axis Approach Speed	mm/sec	85
Y Axis Bending Speed (Maximum)	mm/sec	8.5
Y Axis Return Speed	mm/sec	80
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	300
Daylight	mm	610
Throat Depth	mm	450
Table Height	mm	
Table Width	mm	
Oil Capacity	litre	
Motor Power	kW	37
Nominal Power (excluding options)	kW	
Length (excluding control arm)	mm	4650
Width	mm	2500
Height	mm	3500
Weight	kg	27500

OTHER IMAGES

