



## PBXL CNC Pressbrakes

The Morgan Rushworth PBXL CNC press brake range is designed for precise, efficient and reliable sheet metal bending across a wide range of applications. Equipped with the ESA S840 CNC control, the machine features a 15.6" touchscreen with intuitive 2D graphical programming and bending visualisation, allowing operators to programme and verify jobs with ease.

5-axis CNC control of the ram, back gauge (X and R axis) and crowning system ensures accurate positioning and consistent repeatability. High precision linear scales maintain synchronisation of the cylinders, guaranteeing excellent parallelism throughout the stroke. Standard AKAS laser guarding improves safety without restricting productivity, while euro-style sectional tooling and a

multi-vee bottom die provide flexibility for different bending requirements. Suitable for both general fabrication and more demanding production environments, the PBXL delivers dependable performance and high-quality results.



## Machine 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 of 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 accurate stroke depth measurement
- Hydraulic ram travel guided in low-friction slideways
- High approach and return speeds for efficient production bending
- Electrically interlocked side guards



