



XPH CNC Hybrid Pressbrakes

The Morgan Rushworth XPH range of hybrid press brakes are designed with an individual electro-hydraulic servo drive system for each of the left and right cylinders. With this system the hydraulics run on demand when the foot pedal is activated, rather than having a pump running continuously. This results in lower energy usage than a standard hydraulic machine as well as faster cycle times and extremely high accuracy.

All models are fitted with the ESA VIS-875W CNC control featuring a 21" touch screen and both numerical and 2D graphical program entry.

These machines follow a rigorous design and manufacturing process to ensure minimum deflection of the machine frame under maximum working pressure.

AKAS laser tooling guards are standard and offer a vastly improved operator experience without compromising safety.

A comprehensive range of options are available to fully tailor the machine to requirements including 6-axis or 8-axis configurations.





ESA VIS-875W CNC CONTROL

Machine Features

- Approximately 60% less energy use when idle
- Approximately 45% less energy use during bending
- Approximately 30% faster cycle times
- ESA VIS-875W multi-axis CNC control with numerical and 2D graphical programming and 2D or 3D visualisation
- Control mounted on height adjustable 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
- Manual side to side movement of back gauge fingers - Z axis
- Euro style top tool holders with intermediates
- Sectionalised goose neck top tool and multi vee bottom die
- CNC bottom tool crowning system
- AKAS laser tooling guards for enhanced ease of use

Optional Equipment

- Optional off line ESA Bend 3D Software with Control Viewer
- Independent CNC control of side to side movement of back gauge fingers - Z1 + Z2 axis
- Independent CNC tower back gauge system - X1 + R1 + Z1, X2 + R2 + Z2
- Laser angle measurement system with live feedback to CNC control
- Quick release top tool clamping system
- Hydraulic top and bottom tool clamping system
- Additional back gauge fingers
- Additional front support arms
- CNC sheet follower support arms
- Parking area for sheet follower support arms - one per side



CNC CROWNING



AKAS LASER GUARDS



HYDRAULIC TOOL CLAMPING (OPTIONAL)

