

PBXS Hydraulic Press Brake

The Morgan Rushworth PBXS is Selmach's premium CNC hydraulic press brake range for demanding fabrication and production bending. Specify the machine around your components: bending force and length, tooling access, backgauge movements, control package and handling requirements all influence the right configuration.

Whether you manufacture varied subcontract components, repeated multi-bend parts or longer plate fabrications, Selmach can assess your drawings and propose a PBXS package for comparison and quotation.

Send us your material details, bend lengths and required tolerances to begin a model-specific assessment.



FEATURES & BENEFITS



**60 TO 600
TONNE
CAPACITY**



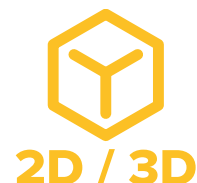
**1250 TO 6100MM
BENDING
LENGTHS**



**SECTIONALISED
EURO STYLE
TOP TOOL**



**MULTI VEE
EURO STYLE
BOTTOM DIE**



**2D OR
3D PROGRAM
ENTRY**



**4 TO
8-AXIS CNC
CONTROL**



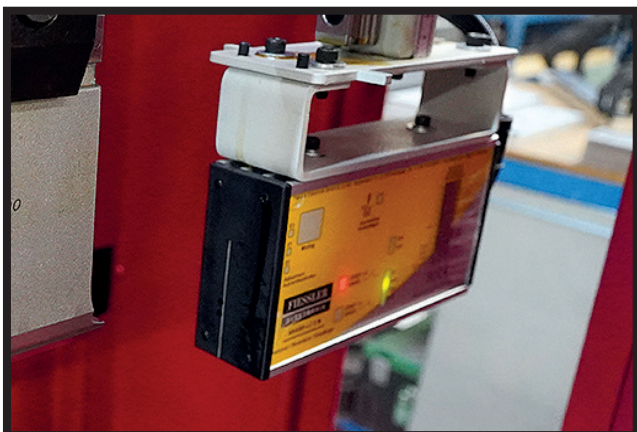
ESA S875 CNC Control



CNC Controlled Bottom Tool Crowning



Dual Foot Pedal Control



AKAS Laser Guards

Machine Features

- ESA S875 multi-axis CNC control with numerical and 2D graphical programming and 2D or 3D visualisation, mounted on pendant arm
- Ideal for complex multi bending operations, especially where volume production with accurate repeatability is required
- Fully synchronised CNC control for left and right upper beam cylinder position – Y1 + Y2 axis
- CNC control for backgauge depth – X axis
- CNC control of backgauge height – R axis
- Manual side to side adjustment of backgauge fingers – Z axis
- AKAS laser tooling guards for enhanced ease of use
- Euro style quick release top tool holders with intermediate pieces including wedges for crowning
- Sectionalised goose neck top tool and multi vee bottom die
- Strong rigid welded mono block frame able to withstand deflection under maximum load
- High precision linear scales for measurement of stroke depth mounted on side frames rather than top beam to prevent any distortion in accuracy as beam comes under load
- Hydraulic ram travel guided in low friction slideways
- Large open height and generous ram stroke
- Deep reinforced throat in side frames
- High approach and return speeds for production bending
- Front support arms with flip stop, adjustable on a linear rail
- Dual foot switch console with emergency stop
- Electrically interlocked side guards
- Electrically interlocked rear access door

Optional Equipment

- Cybele ModEva 12S 3D graphical CNC control
- Cybele ModEva 15S 3D graphical CNC control
- Delem DA66T 2D graphical touchscreen CNC control
- Delem DA69T 3D graphical touchscreen CNC control
- CNC control for backgauge height – R axis
- Independent CNC control for backgauge height – R1 + R2 axis
- CNC control for side to side movement of backgauge fingers – Z1 + Z2 axis
- Independent CNC control of backgauge depth – X1 + X2 axis
- Independent CNC tower backgauge system – X1 + R1 + Z1, X2 + R2 + Z2
- Manual bottom tool crowning system
- CNC controlled bottom tool crowning system
- Hydraulic top and bottom tooling clamping system
- Additional backgauge fingers
- Additional front support arms
- Brush table for front support arms
- Sheet follower support arms controlled by the CNC Controller
- Parking area for sheet follower support arms – one per side
- Laser Angle Measuring System

Tandem, Tridem or Quadrem configurations are available, to link multiple machines together. Speak to us about your requirements.