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MORGAN RUSHWORTH PBSL CNC 3100.200 HYDRAULIC PRESS BRAKE 415V

The Morgan Rushworth PBSL CNC press brakes are fitted with the ESA S 640 CNC control featuring a 15” 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 PBSL CNC models feature 3-axis CNC control of the left and right ram cylinders and the back gauge depth. 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 PBSL CNC models are supplied with sectionalised euro style top tools and a multi vee bottom die and can be specified with a number of options including crowning systems and CNC controlled R axis.

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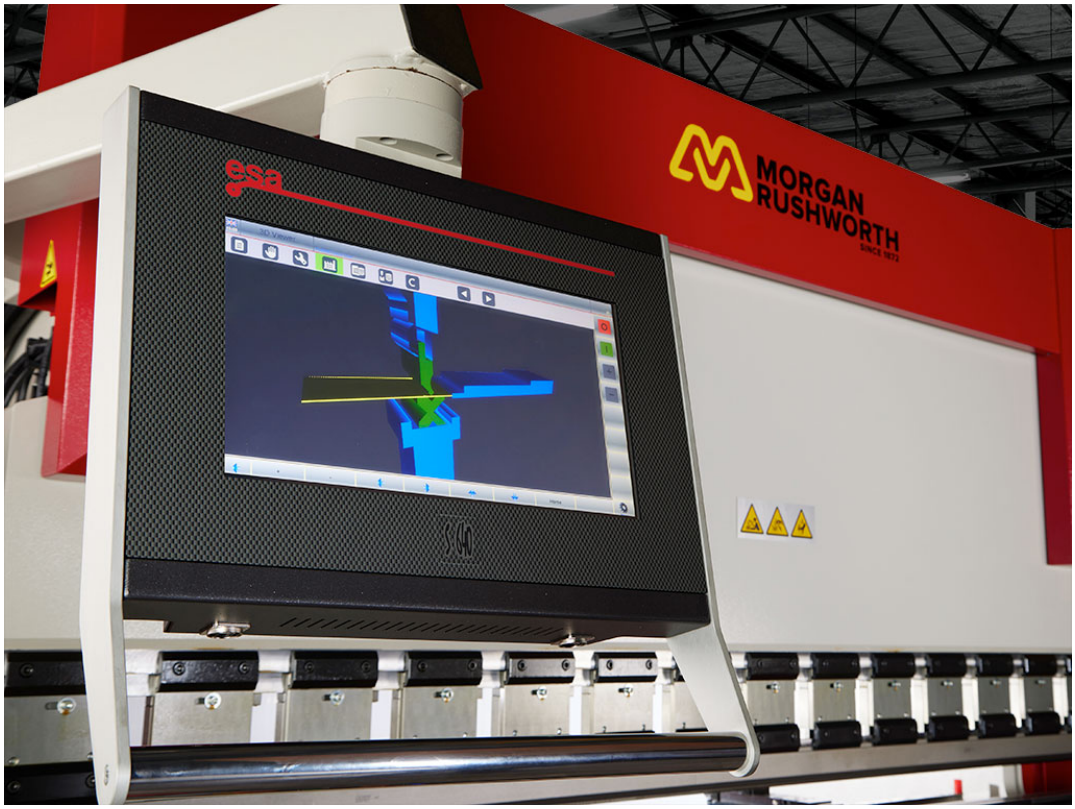
FEATURES

- ESA S640 multi-axis CNC 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
- Manual adjustment of back gauge height – R axis
- 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 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
- Height adjustable front support arms
- Electrically interlocked side guards

OPTIONS

- CNC control of back gauge height – R axis
- Manual bottom tool crowning system with position counter
- CNC bottom tool crowning system
- Quick release top tool clamping system
- Additional back gauge fingers
- Additional front support arms

TECHNICAL INFORMATION

MODEL		PBSL CNC 3100.200
Bending Power	tonne	200
Bending Length (Over Tooling)	mm	3100
Bending Length (Between Frames)	mm	2550
Y Axis Approach Speed	mm/sec	150
Y Axis Bending Speed (Maximum)	mm/sec	10
Y Axis Return Speed	mm/sec	130
X Axis Travel	mm	600
X Axis Speed	mm/sec	150
R Axis Travel (Optional)	mm	160
R Axis Speed (Optional)	mm/sec	150
No of Back Gauge Fingers		2
No of Front Support Arms		2
Stroke	mm	210
Daylight	mm	445
Throat Depth	mm	255
Table Height	mm	850
Table Width	mm	90
Oil Capacity	litre	220
Motor Power	kW	18.5
Nominal Power (excluding options)	kW	22.5
Length	mm	3850
Width	mm	1325
Height	mm	2550
Weight	kg	7800

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