

## Morgan Rushworth PB NC 3100/300 Hydraulic Pressbrake

Stock Code: M5009



The conventional PB series pressbrake are manufactured with a heavy duty welded steel frame with strong torsion bar and hydro mechanical balancing system ensuring a long working life. PB machines range from 35 tonnes through to 300 tonnes with a bending length of up to 4100mm. All PB machines accept euro style tooling and are supplied with digital readouts for stroke control and for the power backgauge position. Side and rear guards with electrical interlocks are fitted as standard for increased safety.



## Features

- European style top tool holders with wedge adjustment.
- Standard tooling: Gooseneck top tool and multi-vee bottom tool.
- Front operated, 750mm ballscrew backgauge with digital readout control (to 0.1mm precision) and two finger-stops with micro-adjustable height.
- Ram stroke control by precision mechanical-stops built into each cylinder and electrically adjusted by push-buttons with a digital position display.
- Independent position control of one cylinder-stop to provide fine angle adjustment and/or conical bending possibility.
- Pressure switch and gauge to regulate bending tonnage and to prevent overbending due to bottoming of tools.
- Pre-set, two-speed bending cycle giving fast approach, slow bending and fast return.
- 3-function footswitch: normal bending, beam pause at any stroke point, automatic beam return upon release of footswitch.
- Pendant control unit.
- Hand screw clamps and chains to align and secure bottom die.
- Two backgauge fingers.
- Two front support arms.

## Options

- Programmable (NC) control for Y (stroke) and X (backgauge) axes.
- 1000mm backgauge length.
- Top tool quick release clamps.
- Laser tool guard.
- Anti deflection system.
- Additional backgauge fingers.
- Additional front support arm.

## Technical Specification

MODEL	PB NC 3100/300
Bending power tonnes	300
Bending length mm	3100
Distance between columns mm	2550
Y rapid speed mm/sec	80
Y working speed mm/sec	9
Y return speed mm/sec	60
Travel in X axis mm	750
Oil capacity Ltr	240
Motor power kW	22
Stroke mm	180
Daylight mm	595
Throat depth mm	380
Table height mm	900
Table width mm	380
Machine width mm	1870
Length mm	4350
Height mm	2850
Width mm	2400
Weight kg	17000