



BRYDEN

RIVETING MACHINE SPECIFICATION

Machine Type	MK1	MK2	MK3C	MK4C	MK5A	Sensair
Power Source	Foot	Pneumatic	Pneumatic	Pneumatic	Pneumatic	Pneumatic
Output Force at 7 Bar	N/A	2.25 Tonnes	2.25 Tonnes	2.25 Tonnes	4.45 Tonnes	4.45 Tonnes
Tooling Stroke (Max)	20mm	20mm	40mm	65mm	90mm	90mm
Twin Stroke	No	No	No	Yes	Yes	Yes
Longstroke Lockout Switch	No	No	No	Yes	Yes	Yes
2 Strokes Selectable by Pedal	No	No	No	Yes	Yes	Yes
Access Gap (approximate)	40mm	40mm	58mm	85mm	105mm	105mm
Rivet Capacity (Shank Diameter)	3mm-10mm	3mm-10mm	3mm-10mm	3mm-10mm	3mm-10mm	3mm-10mm
Throat Depth	127mm	178mm	178mm	178mm	178mm	178mm
Jaw Width	83mm	60mm	60mm	60mm	90mm	90mm
Working Line Pressure	N/A	0-10 Bar	0-10 Bar	3-10 Bar	3-10 Bar	3-10 Bar
Air Consumption per Cycle	N/A	1.57ltr/cycle	3.14ltr/cycle	3.82ltr/cycle	3.42ltr/cycle	3.42ltr/cycle
Recommended Minimum	N/A	4 C.F.M.	4 C.F.M.	4 C.F.M.	8 C.F.M.	8 C.F.M.
Compressor Size		100 litre/min	100 litre/min	100 litre/min	200 litre/min	200 litre/min
Cycles per Minute (approx Speed)	N/A	30	30	30	30	30
Input Pressure to Output Force	N/A	No	No	No	No	Yes
Calibration & Certification		Optional	Optional	Optional	Optional	Optional
Pressure Sensing/Auto Release	N/A	No	No	No	No	Yes
Auto Cycling	N/A	No	No	No	No	Yes



BRYDEN

RIVETING MACHINES

Spares and Maintenance

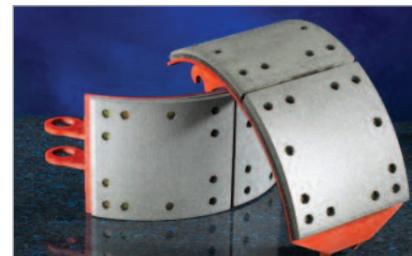
- All Bryden machines are supplied with a 12 month no quibble warranty
- A complete range of related spares is available from stock
- On going service and maintenance packages are available

Additional Products

- Roadlink stocks a vast range of brake and clutch rivets, both fully and semi tubular and in numerous sizes and materials
- Roadlink supply the UK's widest range of truck, trailer and bus brake shoes.

Tools

- All Bryden riveting machines are supplied with a complete set of punches and anvils
- An extensive range of replacement riveting punches, extractor punches, anvils and splitters is available
- Personalised embossed anvils are available to stamp rivet heads and thereby provide product traceability
- A brake shoe support cradle can be supplied, either to be specified on new machines or as a self fit item on recent machines



MACHINES, SPARES, TOOLS & SERVICES

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BRYDEN

BRAKE RELINE WORKSHOP EQUIPMENT

MACHINES, SPARES, TOOLS & SERVICES



BRYDEN MK1

- Foot powered riveting machine
- 20mm tooling stroke
- Suitable for car and light commercial brake shoes and clutches
- Ideal for low volume applications and workshops with no air source



BRYDEN MK2

- High quality budget price riveting machine
- 20mm tooling stroke
- Capable of riveting and de-riveting most car and commercial brake shoes and clutches
- Powered by compressed air and operated with a foot control
- Suitable for general workshop applications



BRYDEN MK3C

- Ideal for use in a wide range of applications
- 40mm tooling stroke
- Has the ability to accommodate a large range of brake shoes and clutches
- Powered by compressed air and is foot controlled
- Lower tool holder provides quick adjustment for various rivet lengths



BRYDEN MK4C

- 2 stage riveting machine designed for faster, quieter and more economical riveting
- 65mm tooling stroke
- Suitable for easier access to rivet positions which other riveting machines may be unable to reach e.g. shoes with deep webs
- Ability for the punch to jump over webs, speeding up cycle times
- Dual stages allow for 65mm long clearance stroke or a 20mm short power stroke
- Ability to choose mode of operation offers savings in both time and air consumption
- Interchangeable guarded foot pedal



BRYDEN MK5A

- Heavy duty model constructed to withstand the most arduous of applications
- 90mm tooling stroke
- Wide tooling stroke allows easy accommodation of large products without adjustment, which in turn maximises operator's time
- Selective two stage stroke system provides all the cost saving benefits of the MK4C machine
- Easily accessible pressure regulator/filter unit provides simple access for maintenance
- Ideal for use in high volume C.V. and P.C.V. brake reline workshops



SENSAIR

- Removes the element of guess work from relining brake shoes
- Adjustable controlled clenching force
- Automatic release
- Selective long and/or short stroke
- Single or auto-cycle operation
- Built in self diagnostics
- Calibrated output for accurate clenching force
- Tooling stroke of 90mm comprising of a 65mm clearance stroke to jump over deep webbed shoes and a 25mm power stroke for the clenching and extraction process
- Machine may be locked in the short stroke position
- Unique self diagnostics display panel assists in tracing faults in the individual pneumatic circuits



BRYDEN BENCHTOP

- Specifically designed to be mounted on a workbench
- Specification similar to Bryden MK3C
- Centrally located pressure gauge
- Multi-positional guarded foot pedal



Also available friction materials by:

