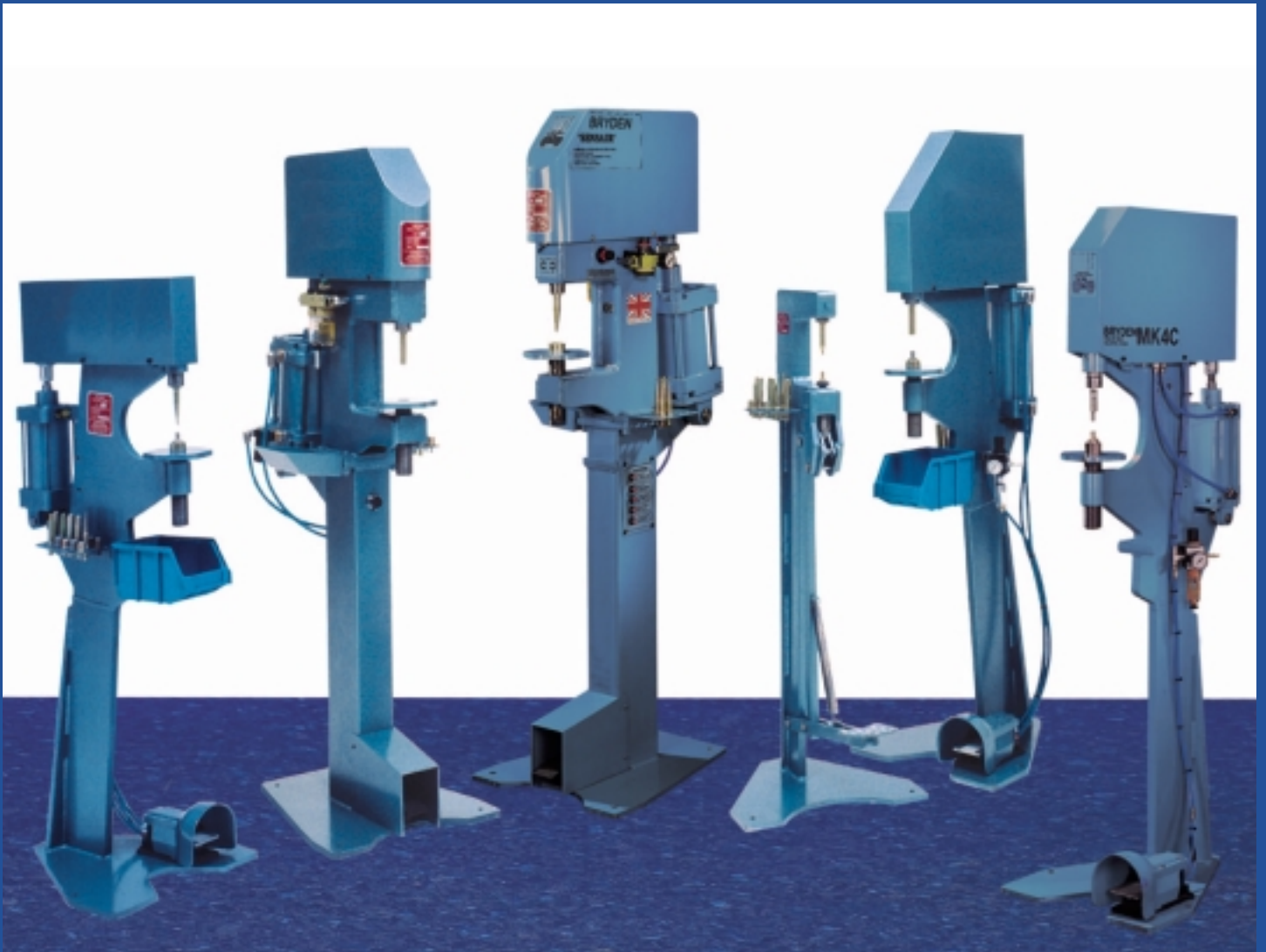




**ROADLINK  
INTERNATIONAL®**

**BRYDEN**



**RIVETTING MACHINES**

**SPARES, TOOLS AND SERVICES**



# BRAKE RELINE Machines, Spares,



## Bryden MK1

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



## Bryden MK2

- High quality budget price rivetting machine
- 20 mm tooling stroke
- Capable of rivetting 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
- 40 mm 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 Benchtop

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

# WORKSHOP EQUIPMENT

## Tools & Service

### BRYDEN



### Bryden MK4C

- 2 stage rivetting machine designed for faster, quieter and more economical rivetting
- 65 mm tooling stroke
- Suitable for easier access to rivet positions which other rivetting 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 65 mm long clearance stroke or a 20 mm 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
- 90 mm 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 90 mm comprising of a 65 mm clearance stroke to jump over deep webbed shoes and a 25 mm 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 RIVETTING MACHINES 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           |

## 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 rivetting machines are supplied with a complete set of punches and anvils
- An extensive range of replacement rivetting 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



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