



RAPID
MODEL: RP12-C
ECONNO SERIES
PNEUMATIC BRAKE SHOE RIVETER

The latest addition to our range, the RP12-C Econno series riveter offers an extremely cost effective option for smaller workshops, whilst at the same time providing flexibility within large organizations to their bulk production needs.

As such these latest Model C machines meet with all the requirements of those engaged at all levels of brake and clutch lining assembly, whether they be re-lining depots, heavy transport, earth moving workshops or major manufacturers.

The tooling supplied allows for riveting parts across the full range of applications from private vehicles through to light and heavy commercial vehicles, including industrial and mining applications. Since no castings are used in the construction of the machines, the resultant fabrication is exceptionally strong and robust.

The pneumatic profile cylinder fitted at the rear of the head is connected to the downward moving punch holder shaft by a strong arm lever action system, providing a rivet stroke of approximately 38mm. Punch holder shaft bush and stabilizer bushes are manufactured from durable vesconite material which requires no lubrication.

The RP12-C Econno series are capable of de-riveting used linings as well as replacement parts, and the tooling provided enables removal of a full range of semi and fully tubular rivets used in the brake and clutch lining industry, up to and including 10mm. Changeover of tooling is easily carried out, riveting punches including extraction punches for de-riveting purposes are secured by 8mm grub screws.

A set of anvils is supplied for fitting in the bottom work support to accommodate various rivet sizes. For extraction purposes these anvils are removed to allow for removal of rivets. Adjustments for variation of rivet lengths is achieved by rotation of the anvil adjusting nut.

The anvil assembly (work support) located at the lower front has approximately 2mm clearance to allow for adjustment and proper alignment of the punch and the anvil before operating. Once aligned, the two 8mm bolts on either side of the anvil assembly must be tightened. To further support the anvil assembly (work support) the slotted locking device at the rear of the anvil assembly must be placed in position and locked to secure and prevent any possible shifting.

The anvil assembly (work support) consist of three components ie, adjusting nut, adjusting bolt and sleeve. To facilitate removal and or replacement of the adjusting bolt assembly, simply loosen the grub screw in the lower front section and lift adjusting bolt and nut upwards. To remove the sleeve, remove the two hold down bolts on either side on top of the sleeve and follow the same procedure

RAPID RP12-C pneumatically operated brake shoe and clutch riveter, complete with rivet extraction tooling for use with the semi and fully tubular rivets of shank diameter 3.5mm – 8mm. Punch stroke 38mm, adjustable anvil 35mm. The RP12-C is fitted with water filtration and lubrication as standard. At a working pressure of 5 bar (180 psi) the RP12-C will deliver a punch force of approximately 2.75 tons. Working air pressure range 3 – 6 bar (40 – 80 psi). Maximum air pressure, 10 bar (140 psi)



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