

Product Name :
Universal-Swaging-Machine

Product Code :
dm0004



Description :

Universal-Swaging-Machine

Technical Specification :

Universal-Swaging-Machine.

Universal Swanging , Wiring, Jennying and Closing Machines

Universal swaging machine is designed for various operations such as swaging, wiring, flanging, jennying, necking or jogging and closing. Arranged for bench or floor mounting. Hand operated or motorized. The bottom spindle is adjustable in the horizontal plane, giving perfect alignment, with a lock to retain the adjustment. Pressure on the rolls is obtained by a hand wheel and screw on the top spindle. Each roll is recessed on the outside face, so that the nuts on the spindle with suitable speed reduction Gears, mounted on stand provided with motorization attachment.

Deep throat swaging and closing machines for large size of drums and buckets

This machine is ideal for swaging medium size of drums and all sizes of common household water buckets.

Back geared, built either for hand or motor drive, fitted with

adjustable guage for swaging and another for jeeny work. Arranged for bench or floor mounting. All parts sufficiently standardized for general purpose in sheet metal work.

Distance of centres of spindles and diameters of rollers can be varied on order to suit any set work, shape or form of the body.

Jenny or Burrying machines

Hand operated Jenny or Burrying machines are designed for edging flanging or burying the edges of all classes of tin plate work of any shape, generally used for edging and flanging bottom and bodies to various angels –previous to panning or setting down, double seaming etc. provided with an adjustable guage, a set of rolls and mounting bench.

These machines are useful for curling and wiring of cylindrical bodies and plane sheets, for flanging bodies, blanks and bottoms and for seaming of elbows, bottoms and the like. Cutting operations can be performed, if the machine is provided with cutters. Due to its manifold application this machine has become indispensable for plumbing shops.

Working examples

Using the flanging rolls B supplied with the machine there can be provided rounded with flanges without folds only up to 3 mm height providing curls at bodies for wiring is performed as illustrated beneath.

For closing the curl for wiring closing rolls Z are used, refer to illustrations 5 and 6, after a corresponding ring of wire has been inserted in the curl and attached at several points.

For wiring plane sheets or strips the mode of operation is similar to that illustrated by Fig. 3 to 6. If it should be necessary to close the curl perfectly around the wire special closing rolls S are required, the normal closing rolls Z not being suitable for this propose.

SPECIFICATIONS

Maximum Capacity in M.S.					
i) For hand operated SWG	20	20	18	22	22
ii) For motorised SWG.	16	18	16	--	--
Maximum depth of gap to guage inch	9.7/8	16	18	5	6
Working centres of spindles inch	2.3/16	2.3/8	2.3/8	1	1
H.P. required	1	2	2	--	--

Standard Equipment for DSM:

One pair of roll, depth guage, (Motorised modes are supplied with stand, speed reduction gears, guard and motor pulley and electric motor and starter.)



Elab Engineering Equipments Manufacturers