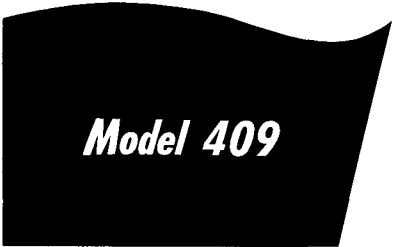


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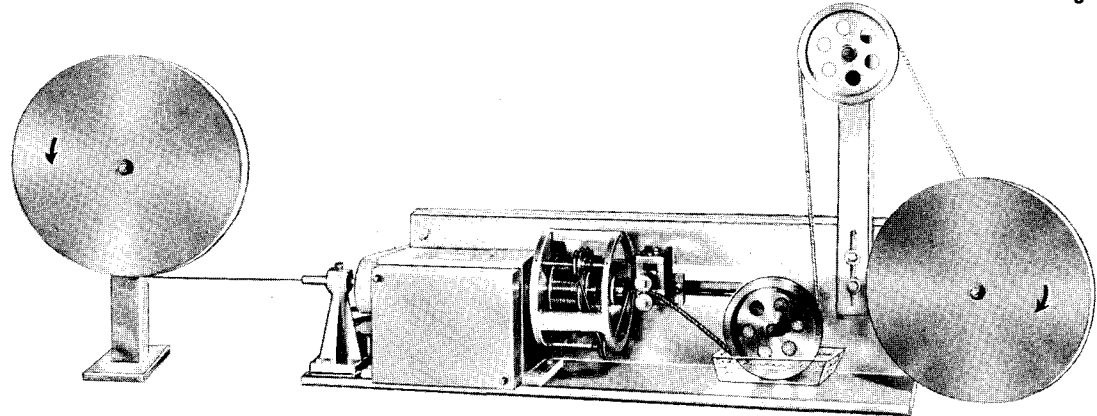
No Operator Necessary

FULLY AUTOMATIC Continuous Resistance Winder



For Flat or Round Material

Dimensions: 49"L (less take-up spool) x 17"W x 23"H
Net Weight — 220 lbs.
Legal Weight — 225 lbs.
Gross Weight — 270 lbs.



Types of Windings: Winds resistance wire on continuous lengths of flat or round core material to be cut and made into flexible wire wound resistors, heating elements, attenuators, rheostats, etc. Will wind upon any material that can be drawn through a 1/4" I.D. spindle. Should your material require a larger spindle than 1/4" I.D., it can be furnished prior to delivery at extra cost. Not recommended for precision potentiometer windings.

Typical Applications For Round Material: Wire wound resistors for automatic assembly operations, including printed circuit resistors for both automatic and manual assembly. Thermal applications, including heating elements for electric blankets, heating pads, high altitude flying suits, etc.

Typical Applications For Flat Material: Continuous windings of rheostats or attenuator elements and flat card resistors, etc.

Maximum Coil Length: Any required length. Two take-up spools furnished to match capacity of your supply spool.

Wire Sizes: .0009" through .010".

Tension Equipment: Resistance wires range from .0009" to .010". Tension is controlled by a special adjustable spring device which is part of the machine.

Gears: One gearing set-up is furnished using 48 pitch, 3/16" face, 3/8" bore change gears completely enclosed for safety. Gears range from 30 through 120 teeth and are available from stock.

Winding Range: 100 through 600 turns per inch. May be varied prior to delivery to any specified turns-per-inch range.

Winding Speeds: 200 through 3000 RPM.

Motor Equipment: 1/4 H.P. compound D.C. motor furnished with D.C. source for operation on 117V 60 cycle single phase line. Compound motor permits uniform torque when winding at speeds as low as 200 R.P.M. and as high as 3000 R.P.M. Winding speed unaffected by line fluctuation.

Set-up Time: Only 5-10 minutes for complete job change-over. A gear chart is furnished to aid in selecting proper gearing.

Provision For Adhesive Application: If desired, wound material may be drawn through adhesive solution. There is approximately 36" of exposed length which permits material to dry before reaching take-up spool. To assure thorough drying heat lamps may be used.

NO OPERATOR NECESSARY: Machine runs fully automatically with manual start and stop. A single attendant can periodically check a large number of machines. This is an important production-increasing time-saving factor.

Optional Spool Loading Machine: Model 15 furnished at extra cost for the first unit. The same spool loading machine may also be used on all additional units of Model 409.

Other Features: Exceptionally sturdy and compact. High speed worm and wheel reduction gears are oil-bath lubricated. Three balanced supply spools are furnished. V-belt and pulleys are completely covered as a safety measure.

IMPORTANT: When ordering be sure to furnish: (1) complete specification sheet of your winding application if possible to permit proper testing of machine prior to shipment. (2) Cop, supply spool or hank of material to be wound in order to assure receiving proper support bracket for your material. (3) A spool of the wire to be wound. This wire will be returned on one of the balanced supply spools furnished with machine. Also, please specify: Optional spool loading machine at extra cost if desired.



GEO. STEVENS MFG. CO., INC. • 6001 No. Keystone Ave., Chicago, Ill. 60646

The Most Complete Line of Coil Winding Machines Made