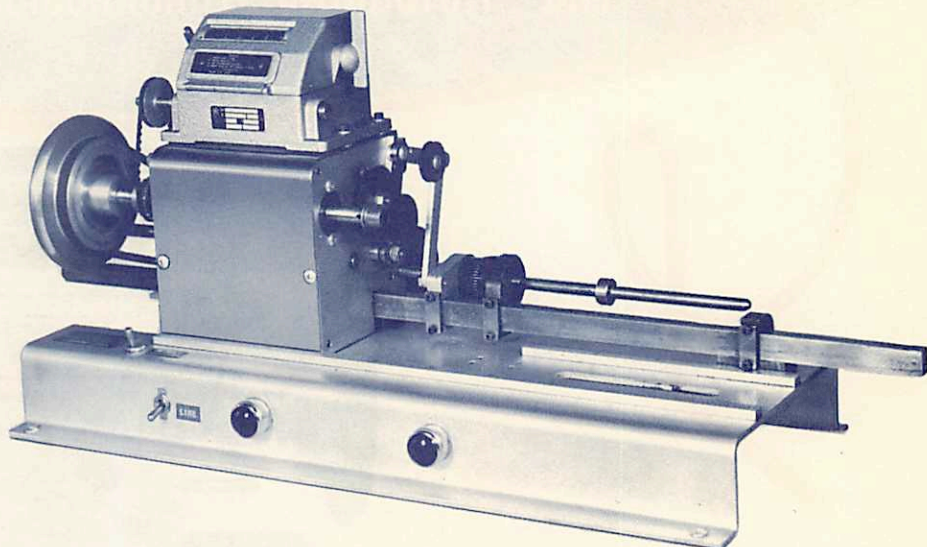


# Winders with Extra Large Bobbin Capacity

## MODEL ABS



Our Model ABS Bobbin Winder is built in the same rugged head design as our transformer winder. This model meets the need for a simple quiet and efficient winding machine of large capacity. It has a traverse of 8", will wind a coil 8½" in diameter, and if a tailstock is specified (optional), will chuck a coil form 8½" long.

A high speed, lever reset counter replaces the crank reset used on the corresponding transformer winders. Direction of traverse (normally automatic) can be manually changed at any time. Two pilot lights indicate at any moment which direction of feed is engaged. A control knob at the left of the

machine may be used to position the guides and engages or disengages the feed as desired. A separate switch permits stopping the motor without affecting the reversing circuit.

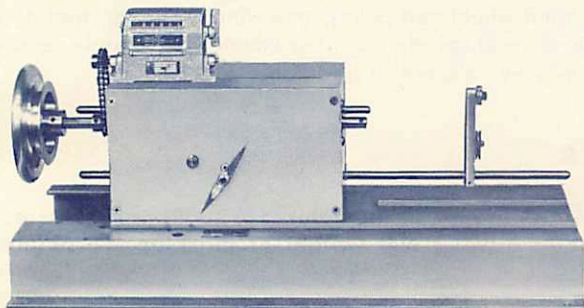
The reversing clutches run at 1/3 spindle speed to provide maximum life, and parts are readily replaceable if necessary.

Standard equipment includes one winding finger, gears for one wire size, predetermining counter, indicating lights, micrometer adjustment for traverse, handwheel and pulley. Motor, brake, tensions, and speed control are priced separately. Tailstock with ball bearing center is available at extra charge.

### SPECIFICATIONS

Width 10", Height 12", Length 24" • Maximum distance, spindle to tailstock, 8½" • Wire feeds as small as .002"; as great as .050" (may be increased with W-308 & W-309) • Maximum coil diameter 8½" • Maximum traverse 8" • Weight without motor, 105 lbs.

## MODEL C-1S



Pictured is the Model C-1S which is a larger version of our Model CS. Gears and adjustable cams usable with the smaller machine are interchangeable with this model, but larger cams up to 3" throw can be accommodated in the larger head. This is a simple and rugged machine for high speed winding of the longer coils. Standard equipment includes a predetermining counter, one winding finger, gears and cam for one coil size, but no tension device.

### SPECIFICATIONS

Width 10", height 12", length 18" • Turns per layer from 10 to 250 (may be increased with Idler Gears, WA-308 or WA-309) • Maximum coil diameter 8" • Maximum traverse 3" • Weight, without motor, 30 pounds.