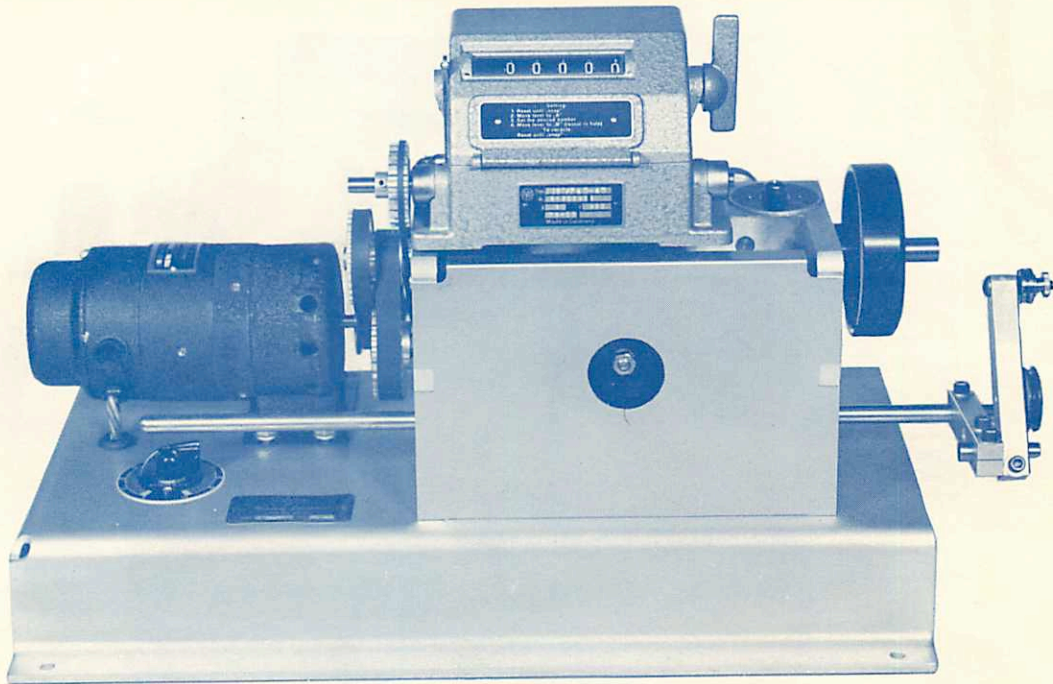


High Speed Bobbin Winder



MODEL CHS

755 change gears

Our Model CHS Winding Machine meets the need for increased production speeds without loss of precision. Spindle speeds of over 10,000 RPM are possible with this equipment when using resistance type or electronic controls; our transformer type speed controls provide continuous speed adjustment up to 13,000 RPM. In order to provide maximum machine life, the gear box itself is driven from the spindle at moderate speeds through a timing belt reduction drive which is slip proof and completely quiet. In this way high speeds can be obtained without additional noise or wear. Bear in mind, however, that these high speeds do not always provide the maximum in production or safety. The standard design incorporates a 2:1 reduction to the predetermining counter which operates well within its rated speed. Various motors are available including designs incorporating dynamic braking, which we especially recommend.

Many of the features listed as extras on our standard machines are included in this model as standard equipment. The adjustable cam mechanism is incorporated in this head as is the cam positioning feature. This latter device provides a quick and accurate means of positioning the winding fingers at any predetermined point in relation to the coil form. This is particularly important when layer winding or near layer winding is attempted. The predetermining counter is of the lever reset type which reduces the operating time. The wire guide may

be positioned either in front of or behind the coil and the guide wheel may be adjusted for proper winding with the machine in operation, if desired. Standard change gears make it possible to set up the desired number of turns per layer accurately in increments of 1/10 of a turn. Gears and cams are interchangeable with our other machines, and gear ratios and winding procedures are identical with our Model CS design. The belt reduction drive to the gear box and counter is adequately covered for safety. No tables or conversion factors are needed and gear changes are made in a few seconds. In most cases it is only necessary to select a gear with the number of teeth corresponding to the number of turns desired in one layer. The compact design of this machine permits the arrangement of several units for operation by a single person. Most of the surfaces on the machine are of satin finish aluminum which combined with the rounded contours permits easy cleaning. All exposed surfaces are machine finished.

Standard equipment includes the adjustable cam mechanism and an adjustable cam of the desired range; gears for one coil specification; winding finger for one coil at a time; lever reset predetermining counter; cam positioning device. Suitable tensioning device, motor, and speed control should be selected from our price lists. Illustration shows recommended dynamic braking motor.

no handwheel

SPECIFICATIONS

Bench space 18" x 10½" x 12" high • Winding speed 10,000 or 13,000 RPM (with 1/4 H.P. motor)—8,000 or 10,000 RPM (with 1/10 H.P. motor) • Maximum coil length 2" • Net weight: 27 pounds