COIL WINDING

MEDIUM DUTY COIL WINDER

MODEL No. 1

WINDING SPEEDS
Back Gearing 15-30-60 R.P.M.
Direct Drive 150-300-550 R.P.M.

TORQUE
Direct Drive Max. Torque 25 Lb. Ft.
Back Gearing Max. Torque 235 Lb. Ft.

DIMENSIONS
33"L x 27"W x 49"H

NET WEIGHT
350 Lbs.

GROSS WEIGHT
400 Lbs.

SPEED ADJUSTMENT
Simply change the speed ratio of the two cone pulleys by shifting the 2" wide flat leataer belt. The change from slow to fast speed is easily made by two convenient levers.

SWING
39 3/4 " height to center of face plate.

FACE PLATE
10" diameter. Readily accommodates all types of special winding forms and heads.

FACE PLATE SHAFT
1-3/8"diameter shaft tapped to take a 5/8-11bolt.

MOTOR
1 1/2 H.P., 1200R.P.M., 230/460/3/60.

MECHANICAL COUNTER
Five figure rotary chain driven counter.

CLUTCH AND BRAKE
The powerful shoe brake and cone clutch are controlled in one operation by the foot pedal. The winding head is quickly brought to a full start - stop operation by the smooth responsiveness of this combination.

JOGGING
The clutch may be slipped by slighty depressing the foot pedal. The winding head may then be smoothly jogged without jerking or chatter.

BEARINGS
Drive shafts are mounted in fully self-aligning, precision built, anti-friction ball bearing pillow blocks.

GEARS
Two sets of precision machined spur gears.

COIL WEIGHT CAPACITY
Handles weights up to 1,000 pounds when used with ACE Model No.65 Tailstock.

PULLING POWER
High torque is delivered in back gearing through reduction in speed from two sets of spur gears

RELIABILITY
A low maintenance, lifetime performance because it is sturdy, compact and free of intricate parts or assemblies.

CONSTRUCTION
Completely safety-guarded by a heavy gauge enclosure which contains all mechanical components. Conveniently designed for easy maintenance accessibility.

MECHANICAL OPERATION

This Winding Machine is built primarily for use in winding medium size armature, stator, transformer, control, field and other types of coils wound on a form or head. This winder is capable of producing these coils in quantity production where economical cost and speed of winding is in very important consideration.

THE CLUTCH AND BRAKE

They operate simutaneously from the foot pedal.Depression of the pedal releases the brake and engages the clutch. When the foot is removed from the pedal, the clutch is disengaged and the brake is applied. The adjustments of the brake provides for slow or quick stopping at the option of the operator.

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Printed in USA 02/02