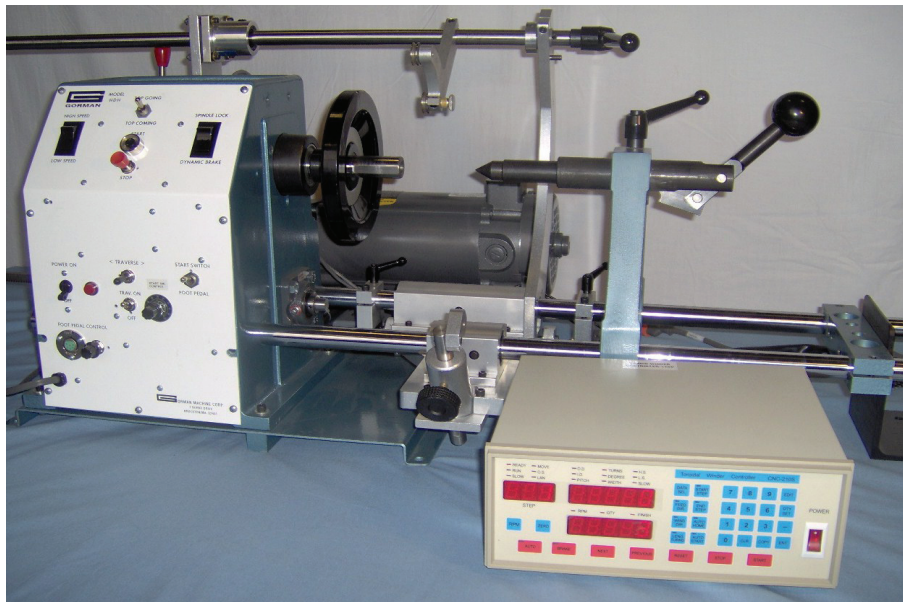




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## MODEL HDH CNC HEAVY DUTY HAND WINDER



The new GORMAN HDH CNC HAND WINDER is an all-in-one winding machine which will wind about any coil imaginable, depending on the ingenuity of the operator. Wires from the finest, to as heavy as number 4 AWG, are handled with equal ease with the two speed ranges and CNC Controller.

Although the HDH was originally designed with heavy wire in mind it is now well suited for winding fine wire due to the accuracy of the CNC Controller.

The primary advantage of the new CNC Controller is that it eliminates most of the trial and error setup time normally encountered while setting up winding parameters.

Proper winding parameters for the Controller can be methodically determined in a short time. A winding job can easily be duplicated for a future job run without having to fuss with adjustments.

The operator will soon appreciate the many convenience features. All controls are on the CNC Controller and the Front Panel within convenient reach of the operator. There are no back gears to engage for low speed and high torque. A simple rocker switch allows for quick change to high or low speed without stopping the machine. The coil can be wound in high speed range or low speed range without having any effect on the winding programming.

The variable speed traverse mechanism which used to be an expensive option is now included in the base price of the CNC HDH. The price of the new machine is also much lower than the previous version due to assembly efficiencies.





The Tail Stock is a rugged toggle action type for quick loading and unloading of winding forms and can be equipped with a 60-degree center, live center or a ball bearing mounted flat disc which can be modified for holding any kind of shape.

The Foot Pedal control can be configured to hold down and run / let off and turn off, or press once and let off to run and press once again to stop. When the machine is stopped, the spindle can be locked automatically or left free at the operator's choice.

Choice of spindle lock or dynamic braking when pedal is released.

Throughout the machine, great attention has been paid to the many operator convenience features which speed up production, and reduce operator fatigue. Rugged construction, designed for years of trouble free service.

## Specifications

<b>Wire sizes:</b>	From #4 AWG to the finest.
<b>Coil sizes:</b>	to 14" (356mm) Diameter maximum with tailstock – 12" (305mm) Diameter with Traverse Mechanism.
<b>Coil Length:</b>	12" (305mm) with 40" (1016mm) bars (tip of Jacobs Chuck to live center of tail stock). – Additional bar lengths available to allow for up to 39" (999.99mm) of traverse motion.
<b>Speed Range:</b>	0-1725 rpm High speed, 0-360 rpm Low speed.
<b>Wire layering:</b>	By hand or with optional front or rear loading traverse.
<b>Spindles:</b>	Rugged 1" (25.4mm) Diameter Spindle shaft with ½" (12.7mm) hole.
<b>Motor:</b>	1 HP permanent magnet DC motor 1725 rpm.
<b>Rotation:</b>	Reversible spindle rotation.
<b>Power:</b>	115V A.C.
<b>Dimensions:</b>	16" (406mm) high x 24" (610mm) deep x 24" (610mm) wide without tailstock.
<b>Weight:</b>	115lbs. without tailstock.

Standard length of machine with tailstock is 40" (1016mm) using 40" (1016mm) bars, giving up to 12" (305mm) between chuck and tailstock.

