

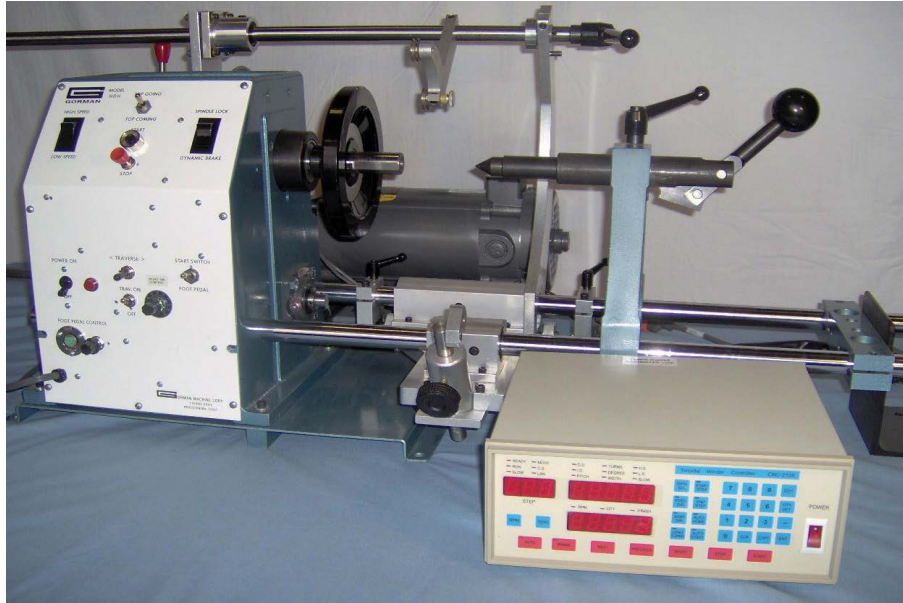


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## Model HDH CNC Heavy Duty Winding Machine



Our standard HDH CNC Heavy Duty Winder has Two Speed Ranges. A Low Speed Range for wire as heavy as 4 AWG and a High Speed Range for wire to the finest sizes. With the flip of a toggle switch you can seamlessly change speed ranges without stopping the machine through the use of internal clutches. No Back Gears to engage. The toggle switch middle neutral position allows for hand turning the spindle.

Many of our customers love being able to wind a primary winding in one speed range and a secondary winding in another speed range on the same setup without needing to use separate machines for winding different wire sizes and at different speeds.

With the new CNC Controller, once you have your new program fine tuned it makes future winding jobs easy to duplicate without any trial and error and to input that proved and tested program into multiple machines if applicable.

### New HDH CNC Single Low Speed Range Model

We have been aware we have customers who do not need the Two Speed Range version of our HDH which has been sold for decades. Often they only need the Low Speed Range. In fact we only point Customers towards the HDH Model when they need to wind 11 AWG wire or larger.

Often our Customers have pulled wires larger than what we rate the Two Speed Range machines for. This has resulted in costly early clutch failures.

By eliminating the two internal clutches inside the machine and adding an external Brake the new Single Low Speed Range HDH CNC will save you \$1,000.00 off the price of the Standard Two Speed Range HDH.

With the Single Speed Range version the belt will slip or the motor will stall before anything is damaged. Keep in mind you will be limited to about 500 RPM in the Low Speed Range version

The variable speed traverse mechanism used to be an option. It is now included as part of the HDH in either two Speed or Single Speed Ranges. If you are going to hand guide wire all you have to do is not program the machine to activate the traverse mechanism.





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, 0-500 rpm Low speed.
<b>Spindles:</b>	Rugged 1" (25.4mm) Diameter Spindle shaft with 1/2" (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. Standard length of machine with tailstock is 44" (1118mm) using 40" (1016mm) bars.
<b>Weight:</b>	HDH Machine with Traverse and Tailstock Assembly 200 lbs, Crated shipping weight 350 lbs.

