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# MODEL TWO PLUS TWO

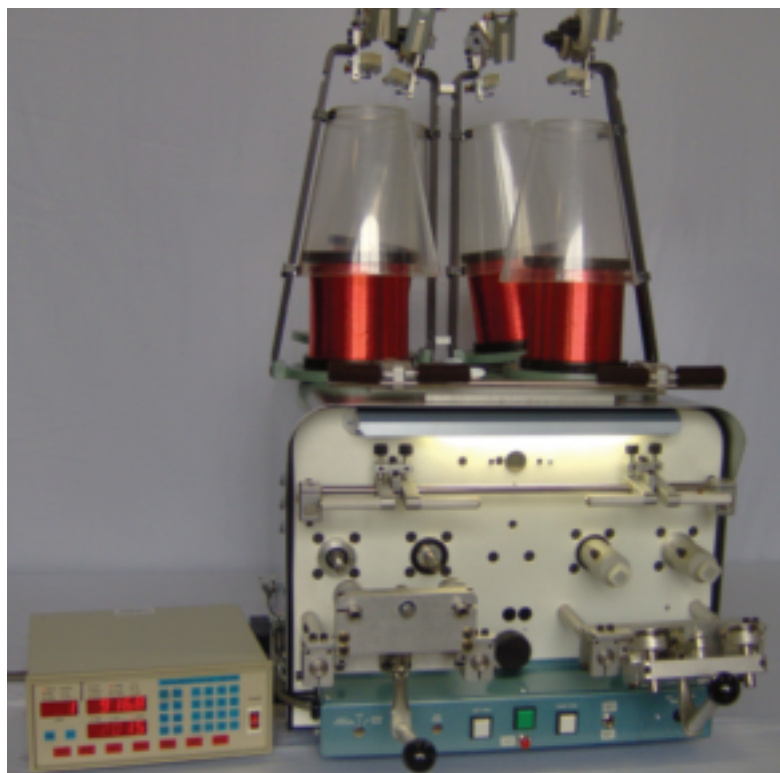
New in 2010!!!

**MODEL TWO PLUS TWO**

**CNC CONTROLLED**

**4 SPINDLE BOBBIN WINDER**

In production for  
4 decades, the Two Plus Two  
is now CNC Controlled



## Features

- **Four machines in one:** The Two Plus Two features two sets of spindles. Each pair can run independently of the other or you can run all four spindles simultaneously. Two different types of paired coils can actually be wound on the new machine with a different set of winding parameters for each pair.
- **Wide Bobbin Range:** The Machine will handle bobbins up to 2 1/2" (64mm) in diameter and up to 4" (102mm) in length.
- **Wide wire range:** Smooth winding action handles wire sizes from #24 to the finest.
- **No loss of operator time:** While two bobbins are winding at high speed the operator may tape, remove and replace the two bobbins that have just been completed. No waiting time for the operator.
- **Tailstocks:** Quick acting dual tailstocks for bobbins which need to have flange support during winding.
- **Taily CNC Controller:** The new controller eliminates the need for a dedicated counter. Just program in the number of turns, wire size, winding distance, high speed and low speed RPM and some other basic winding parameters and you are ready to wind highly accurate and repeatable coils.
- **Lower price:** Due to a significant reduction in moving parts and simplified assembly, the new Two Plus Two is priced several thousand dollars less than the original model.





## General Specifications

**Wire Sizes:** #24 to the finest.

**Coil Sizes:** Up to 2 ½” (64mm) Diameter.

**Coil length:** Up to 4” (102mm)

**Spindles:** Arranged for running in pairs or all at once.

**Speed range:** Up to 8,000 RPM. Controller accepts start slow and end slow speeds.

**Motors:** Two DC permanent magnet ball bearing motors with electromagnetic brakes.

**Rotation:** Programmable CW or CCW.

**CNC control:** the controller utilizes a stepper motor which through a ball screw synchronizes traverse speed with spindle rotational speed.

**Wire layering:** Controller allows for exact traverse motion coordination with spindle rotation for exact layer winding capability.

**Repeatability:** Programming of controller allows for multiple machines to have exact same setup.

**Power:** 115 VAC 50/60 HZ

**Dimensions:** 24” (610mm) W x 34” (864mm) D x 36” (915mm) H with Dereelers,  
18” (457mm) H without.

**Weight:** 160 lbs net, 200 lbs shipping weight.

**Accessories:** Optional quad dereeler assembly which mounts on top of machine. Optional tailstock assembly. Tooling services available.

