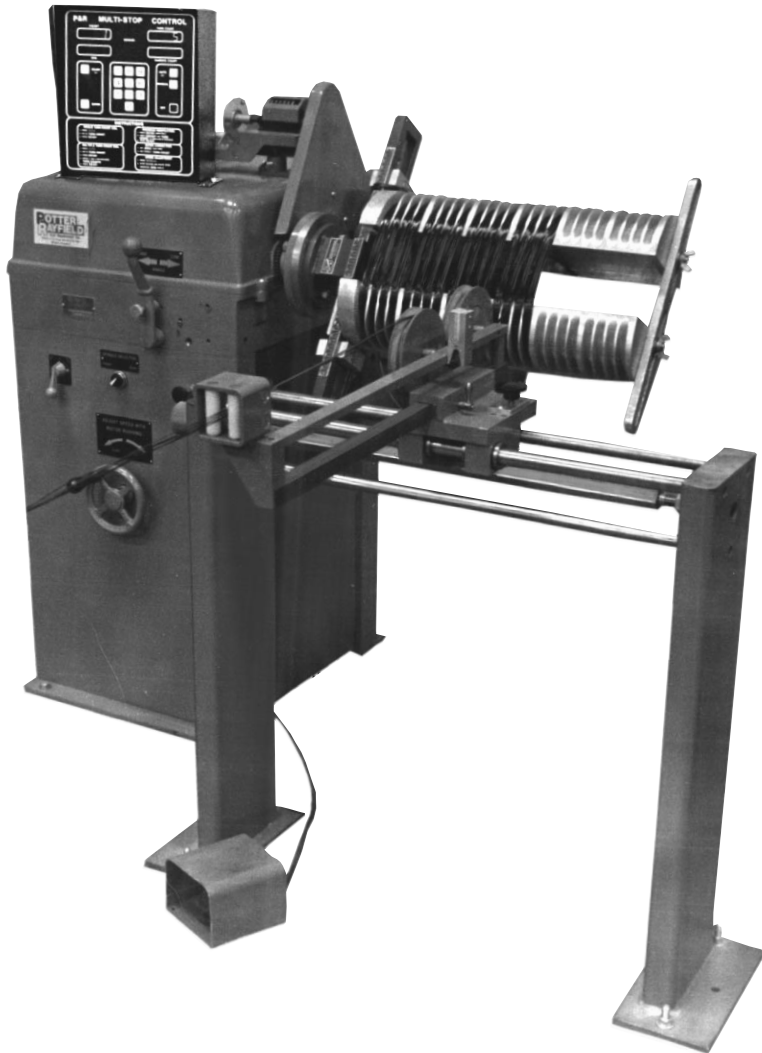


# Indexing Wire Guide

*Increase your productivity,  
Increase your profits,  
with the PRJ Indexing  
Wire Guide*



*Indexing Wire Guide Model E-190 shown with Multi-Stop Winding Machine  
Model E-170 and S/W Phase Head  
(All items sold separately)*

## Save Time with Straight Slot Sections

Adjustable guide rollers reverse bend wires less than an inch from rotating winding head. **Result** - straight slot sections with virtually no crossovers. **Result** - save 1 to 1-1/2 hours, or more, out of every 8 hours of coil inserting time.

## Accurate Wire Alignment

Operator actuated indexing mechanism eliminates physical effort holding and guiding wires - it accurately aligns wires with winding head slots - it makes coil winding practically a "hands off" operation using your present winding head. Indexing assembly, mounted on ball bushings and ball bearings, moves almost effortlessly from slot to slot.

## Multiple Slot Selections

Selective index mechanism incorporates a hexagonal bar having three sets of index holes and a spring loaded, operator actuated, index latch pin. Index holes match slot spacing of PRJ 6-slot and 12-slot fingers and S/W phase heads. Minor modification can be made, field or factory, for heads with other slot spacings on remaining three sides of index bar.

## Simple, Easy Operation

Thread wires over and under guide rollers and secure to winding head. Wind the first coil. Tap the index latch pin knob and ease the mechanism sideways until the latch pin snaps into the next index hole. Continue to wind and index from right to left, or left to right as you prefer. Takes all of 10 minutes to become an indexing expert!

## Straighter Coil Sides

Random winding DC field coils is readily accomplished with the Indexing Wire Guide. Coils have much straighter sides, are more symmetrical and fit pole pieces better. Customers report coils winding 15% to 20% more compact.

## Plant Proven Performance

You get coils with straight slot sections and few, if any, crossovers. Considering one WV Multi-Stop will keep four, or more, winders busy inserting coils, the saving of 10% to 15% of coil inserting time quickly pays for this equipment.

## Simple Installation — No Utilities

Position the unit to the right front of the winding machine and with little more than four bolts in the floor, the Indexing Wire Guide is ready. **Join the profit makers. Write, FAX, or call in your order today.**

**PRJ**  
EQUIPMENT CO.  
POTTER RAYFIELD & JAMES  
Division of Electro-Mechanical Corporation



Model E-2025, Capstan Tension Device

**Accessories for Wire Tensioning, Wire Guiding and Storage**

The Indexing Wire Guide and the WV Multi-Stop Winding Stand, in combination with the accessories illustrated and described below, give you practically a "hands off" winding operation. Depress the foot switch of the WV Multi-Stop and when the machine stops, actuate the index latch pin knob. It's as simple as that! It's truly impressive watching a coil almost three feet long with eleven number fifteens being wound with the machine doing most of the work. No struggling to hold the bundle of wire, or fighting the up and down movement of the rotating winding head.

**E-2025 Capstan Tension Device**

The Capstan Tension Device is a rotary tension unit which provides well regulated and easily adjusted wire tension. One of these tension devices is positioned on the wire stand over each bucket, or reel, of wire. It consists of a steel frame which supports the tension assembly, ceramic bushings which guide the wire coming upward from the bucket, and a spring loaded felt lined clamp which holds the wire on the pulley and also removes some of the oil from the wire.

A mounting bracket is included and, when bolted to a wire stand, provides a socket for mounting the tension device. Additional mounting brackets are installed over each bucket, thus the tension devices can easily be positioned over any desired wire size.

Wire is threaded through the bushing, through the felt lined clamp, once around the pulley, and out the final bushing. Tension is adjusted as needed. The Tension Device can swivel in any direction. This facilitates using multiple buckets and serving more than one machine from a single wire stand.



Model E-2026, Roller Wire Guide

Coils wound with the Indexing Wire Guide and the Capstan Tension Devices have, in addition to near perfectly straight slot sections, a noticeably improved symmetry particularly in the ends of round nose coils. This serves to reduce the time to shape or lace the coils.

**E-2026 Roller Wire Guide**

Bolted at the front of the wire stand, the Roller Wire Guide gathers the wires from the Capstan Tension Devices over each bucket, or reel, of wire. This assembly consists of four guide rollers, two mounted vertically and two mounted horizontally, all supported in a fabricated steel frame 8" wide and 5" high.

The wires then pass forward to a similar but much smaller wire guide assembly mounted on the indexing mechanism (priced separately).

**E-2027 20-Bucket Stand and E-2028 Combo Wire Stand**

Convenient, efficient and inexpensive, one of these new stands, similar to the widely used 20/20 Stand, completes your system. The E-2027 20-Bucket Stand has 20 short lengths of steel tubing as mounting sockets for the Capstan Tension devices. A Roller Wire Guide mounted at one end gathers wires and feeds them to the indexing unit. Twenty buckets are stored at a convenient working height in a 4' x 6' floor space with additional "on-site" storage below the stand.

The E-2028 Combo Wire Stand combines features of the 20/20 and the 20-Bucket Stand and, as above, feeds wire from buckets on the stand to an indexing unit. From below, the stand feeds wires through Teflon® eyelets up to a tension unit on the tension device mounting bracket and to another winding machine.

**SHIPPING DATA**

Item No.	Net Weight	Crated Weight	Boxed for Export	Dimensions			Cubic Feet
				L	W	H	
E-190	180 lbs.	270 lbs.	365 lbs.	46"	23"	45"	28
E-2025	4 lbs.	7 lbs.	11 lbs.	10"	5"	11"	.4
E-2026	13 lbs.	20 lbs.	28 lbs.	6"	10"	13"	.5
E-2027	260 lbs.	365 lbs.	495 lbs.	79"	57"	11"	33
E-2028	890 lbs.	1045 lbs.	1240 lbs.	79"	57"	11"	33

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