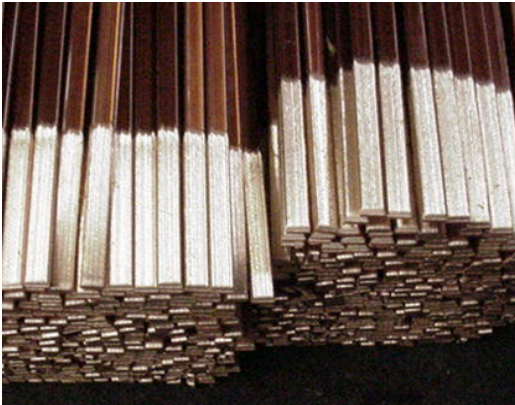


# RW CUT-TO-LENGTH & WIRE STRIP MACHINE



- ✓ Repeatable quality that can't be matched by manual methods!
- ✓ Accurate, automatic measurement and cut
- ✓ Consistent stripping without copper damage
- ✓ Strips every piece just the way you want
- ✓ Can strip equal or different amounts at each end
- ✓ Frees operator to do other tasks while machine performs automatically!

## Operation Description:

The **RW** will de-reel rectangular wire from a spool then straighten the wire using five Horizontal Rollers and five Vertical Rollers. The machine's de-reeler has a disc tensioning brake system to allow it to maintain proper wire tension throughout the production run. Using brushes, the RW strips the insulation. Glass, enamel and film coverings can be removed evenly. Four brush wheels remove the insulation. The RW can be programmed to remove different lengths of insulation from each end of the wire. The machine measures and cuts the wire to a preprogrammed length. The cut wire is fed to a collection tray, which automatically dumps the finished pieces onto a wire accumulator table. Programming the number of pieces, stripping distance, stripping location and wire length is done using an OIT (Operator Interface Terminal) keypad. A caterpillar belt drive consistently pulls the wire through the machine. The wire movement is controlled by a servomotor. Colored lights indicate the machine's operational status. Once the machine is programmed, set up, and switched on, all processes are performed automatically.

## Specifications:

Minimum Wire Width	.120" (3.0 mm)
Maximum Wire Width	.79" (20 mm)
Minimum Wire Thickness	.030" (.762 mm)
Maximum Wire Thickness	.200" (5.1 mm)
Insulation Stripping Length Minimum	3/8" (9.5 mm)
Insulation Stripping Length Maximum	12" (304.8 mm)
Minimum Wire Cut Length	12" (304.8 mm)
Maximum Wire Cut Length	160" (4064 mm) - Longer lengths available on request
Outside Diameter of Wire Spool	24" (609.6 mm) x 12" Wide (15" optional)
Inside Diameter of Wire Spool	1.5" (38.1 mm)
Speed (piece/rate)	Strip and Cut-to-Length (60" (1.5 m) piece in 19 seconds) (2" strip length)
Standard Electrics	460 V, 3 Ph, 60 Hz
Machine Dimensions	8' x 3' x 7' (2.438 m x .914 m x 1.397 m)
System Dimensions (Dereeler, Vac, RW, Accumulator Table)	22' x 3' x 7' (6.706 m x .914 m x 1.397 m)

## Optional Accessories: (See CAM Sales Representative for details.)

Dust Collector – Heavy-duty industrial vac system for collection of insulation debris  
Dereeler – For wire spools up to 10.5" (266.7 mm)  
Wire Accumulator for wire lengths up to 72" (1829 mm)  
Extended Stainless Steel Accumulation Table available.

# RW Cut-To-Length & Insulation Stripping Machine

## Strip Precisely, Cut More Accurately, Waste Less Copper Automatic Machine Makes Perfection Possible!

### RW Automatic Cut-to-Length & Insulation Stripping Machine

is designed to straighten wire from a spool, strip off the insulation, and accurately cut the copper to a preprogrammed length. With the RW you'll get more precise cutting, more consistent stripping and waste less copper. Best of all, it does it automatically!

CAM's RW is a multi-function machine that performs wire preparation operations in seconds, without human operator interaction. Simple to program, the machine's computer program controls the entire measuring, counting, cutting and end stripping process automatically.



## Modernize Your Wire Preparation!

### Simple Set-up!

Screen prompts on the PLC display guide the operator through the easy 4-step set-up process.

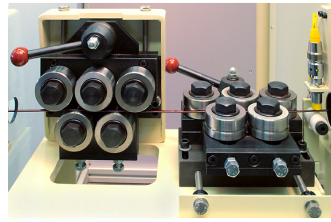
Once programmed, the machine runs automatically until the job is complete.

### All In One

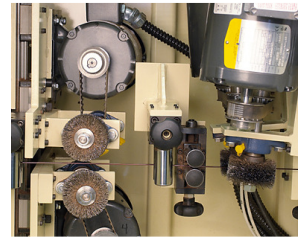
- ❑ De-reels wire
- ❑ Measures length
- ❑ Cuts length
- ❑ Keeps count of pieces
- ❑ Strips both ends
- ❑ Accumulates cut pieces



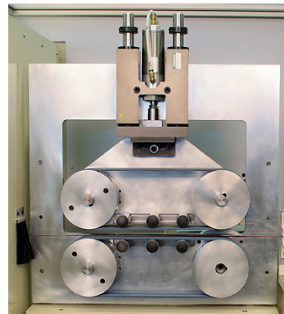
Easily programmed using a keypad.



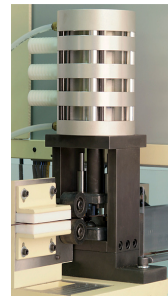
Ten Horizontal & Vertical rollers straighten the wire.



Special angled brushes automatically strip away the insulation cover without damaging the copper wire.



Caterpillar Traction Drive, placed after the strip mechanism, pulls the wire through the machine and holds it in place for cutting and stripping.



Computer controlled knife is easily removed for sharpening.



Stainless steel accumulation table protects finished wire from contamination.



TEL: (717) 637-5988 FAX: (717) 637-9329  
215 Philadelphia Street, Hanover, PA 17331 USA  
caminnovation.com ■ custom-taping-machines.com