

RMG Straightening and Cutting Machines are available in four sizes—the Model 14, Model 15, Model 16 and Model 28.

RMG Straightening and Cutting Machines



General Features and Benefits

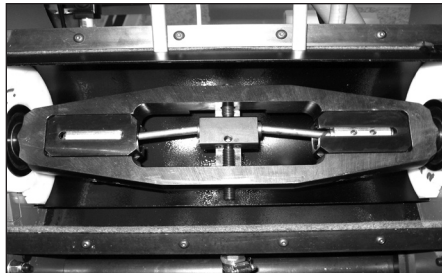
All RMG Straightening and Cutting machines provide the same benefits:

- *Ease of adjustment*
- *Lower tooling costs*
- *Quiet operation*
- *Low cost maintenance*

The following features apply to *all models* of the RMG straightening and cutting machine Model 14, Model 15, Model 16 and Model 28.

Single Offset Arbor

- Single offset, variable pitch (3 die).
- Wide range of diameters for each arbor size.
- Arbor speed independently adjustable by use of variable frequency AC drive (not on Model 14).
- No interconnecting transmission components.



Electrics

- Electronic parts counter.
- NEMA 12 enclosure.
- NEMA 12 disconnect.
- TEFC electrical motors.
- AC variable frequency drives for arbor and feed roll speeds (Model 14 has fixed speed arbor).
- Centrally located pushbutton station.
- Electrical enclosure remote-mounted away from vibration, for reliability.
- Electrical interlocks provided for wire drawer or payoff.
- Standard turntable air brake electrical interlock.



Creative Floor Plan

RMG Straightening and Cutting machines are available in L-R or R-L wire flow configurations. This floor plan allows two machines to operate facing each other, for operator convenience.

RMG Straightening and Cutting Machines

4.2

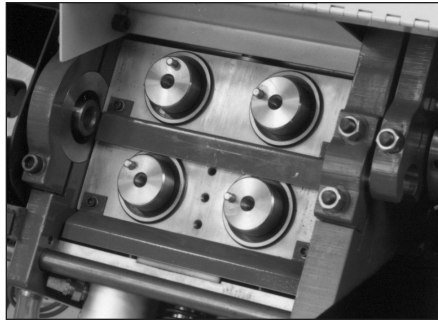
Clutchless Cutter

- Variable frequency drive controls rotation of the cutter shaft.
- Independent drive; results in *no jamming*.
- Wiper system solves wire droppage problems associated with some lengths.
- Adjustable wiper system reduces knife wear by eliminating need to fully penetrate wire.
- No flywheel required.



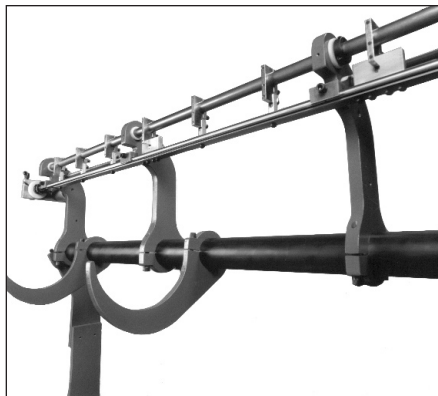
Feedhead

- Four (4) roll belt driven feedhead, no gears or oil bath.
- Independent drive.
- Standard pneumatic pressure feed roll adjustment.
- Quick change rolls using single clamping bolt and drive pin.



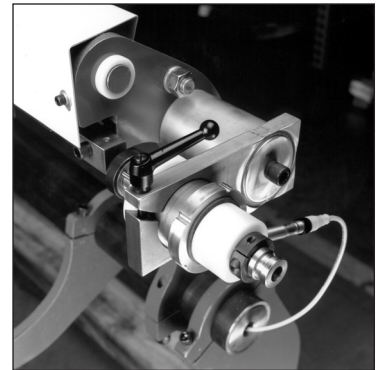
Extension

- Quick change guide bar with short travel shutter bar.
- Sectional guide bar system enables easy change by single operator.



Release Assembly

- Positive stop release assembly provides accurate wire length control, with a tolerance of $\pm .005''$ ($\pm .13$ mm).
- Fully adjustable release assembly with spring pressure, release plunger travel adjustment, adjustable proximity switch position, and micro fine adjustment of wire cut length on the fly.
- Clamp block allows positioning of gage rod without deforming rod.
- Can be moved to an alternate extension bracket when running shorter lengths on a machine with a long extension, for increased sensitivity and length control.



Optional Accessories

- Wire lubricating system.
- Dump action wire catcher tray.
- Pre-set electronic parts counter stops machine when batch size is complete.
- Dual arbor.
- D9885 Guide Roller (when machine is used with a wire drawer).
- Short length support.