

## Lewis Machine SV16 Straightening & Cutting Machines

### Featuring

- The independently adjustable Variable Frequency AC drive “CLUTCHLESS” cutoff
- Fully adjustable, absolute setting of feed roll pressure and speed with independent controls
- No interconnecting transmission components
- Updated 24 volt DC electrical controls

**Why do more customers in the world purchase Lewis Machine Straightening & Cutting machines to meet their production needs?**

### Reputation

For over 90 years, customers have relied on Lewis Straightening & Cutting Machines to meet their daily production needs. They know that they can count on a Lewis Straightening & Cutting machine to run 24 hours-a day, 7 days-a-week with accurate, dependable performance!

### Flexibility

All new Lewis Straightening & Cutting machines are designed to accurately cut a wide variety of materials and diameters. From low carbon steel to high tensile alloys, you can always depend on our machine to provide straight and accurate wire.



### Productivity

For years, companies have chosen Lewis Straightening & Cutting machines to maximize their production throughput.

### Superior Technical Support

Our Service Department provides exceptional worldwide customer service. For all of your Lewis Straightening & Cutting Machines, we can provide a Service Technician to assure that the machine is properly installed and your operators are adequately trained.

### Superior Customer Service

Our Spare Parts Department responds immediately to your spare parts inquiries.

And, at RMG, we are the OEM for all spare parts and tooling for your Lewis Machine, Fastener Engineers and G.C. Patterson machinery. We have over 40,000 active part numbers in inventory and the necessary documentation to produce parts for your older equipment in our 60,000 square foot manufacturing facility.

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### 4.10 And, for Complete Wire Products Applications...

...here's how your company can use RMG In-Line Wire Drawers with LEWIS Straightening & Cutting Machines to lower material and manufacturing costs, as well as improve productivity and product quality:

#### Lower Material Costs

Descaling hot-rolled rod, or drawing semi-finished wire in-line, will drastically reduce your material costs, therefore improving profits and giving your company a competitive edge.

#### Utilize Just-In-Time Inventory

An in-line wire drawer at the point of wire consumption is the ultimate in JIT inventory management. By careful selection of parent diameters and drawing many different sizes from a few stock sizes, inventory dollars can be considerably reduced.

#### Provide Exact Diameter Control

An in-line wire drawer provides the perfect diameter at the point of use, consistently, from coil-to-coil.

#### Improve Wire Surface Conditions

The surface of wire drawn in-line has no chance to rust or deteriorate. Additionally, you can control the quality, type and amount of wire lubricant in your own production process.

#### Eliminate Wire Kinks

Wire drawn in-line is always smooth and straight, of the highest quality... with no kinks!

#### Reduce Pull Back on Feed Rolls

RMG's AUTODRAW Speed Control System matches the consumption rate of the production machine. All tension is removed from the feed rolls.

Also, STARTGARD, SLIPGARD and TANGLEGARD sense any problems with the process and immediately stop the production machine.

#### Employ any Coil Size or Weight

Regardless of coil size an RMG wire drawer does all the work of turning the coil, eliminating the load on the feed rolls.

#### Increase Overall Operating Efficiency

When you consider the improvements associated with using RMG machines in regards to material cost, tool usage, coil change time and the ability to use larger coils, it's easy to understand why a LEWIS Straightening & Cutting machine utilizing an RMG In-Line Wire Drawer will outperform one that doesn't...in both cost and quality of product!

Description/Machine Model	3SV16CLC	5SV16CLC
Straight and Cut Wire Diameter Capacity	.050" - .188" / 1.3 - 4.8mm	.062" - .315" / 1.6 - 8.0mm
Nominal Tensile	90,000 psi / 620N/mm <sup>2</sup>	90,000 psi / 620N/mm <sup>2</sup>
Minimum Part Length	2" / 50mm	2" / 50mm
Maximum Part Length	As Required	As Required
Variable Feed Speed	0-400 fpm/ 0-120 mpm	0-400 fpm/ 0-120 mpm
Variable Arbor Speed	0-9,000 rpm	0-6,000 rpm
Shear Speed	150 rpm / cpm	150 rpm / cpm
Feed Motor Size	1.5 hp / 1.13 kw	3.0 hp / 2.3 kw
Arbor Motor Size	3.75 hp / 5.0 kw	10.0 hp / 7.5 kw
Shear Motor Size	3.0 hp / 2.3 kw	3.0 hp / 2.3 kw
Wire Line Height	43.5" / 1,105mm	43.5" / 1,105mm
Floor Space w/ 3' Extension	120" L X 51" W 3,048mm L X 1,295mm W	120" L X 51" W 3,048mm L X 1,295mm W
Machine Weight	2,500 lbs / 1,136 kgs	2,500 lbs / 1,136 kgs



### ROCKFORD MANUFACTURING GROUP INC. FASTENER ENGINEERS & LEWIS MACHINE

14343 INDUSTRIAL PARKWAY • SOUTH BELOIT, ILLINOIS 61080

PHONE 815.624.2500 • FAX 815.624.7254 • EMAIL [rmgfelem@rmgfelem.com](mailto:rmgfelem@rmgfelem.com) • WEBSITE [www.rmgfelem.com](http://www.rmgfelem.com)

