

# Wire Handling Roundup

machine, the wire is fed by two feed boxes with four oversized feed wheels in each one of the feed boxes. The speed of the feed boxes is synchronized with the peeling machine speed in order to permit operation at the maximum speed for any wire diameter and hardness.

"The VC-35-HR machine has also been designed for quick changeover between diameters, and the feed wheels are mounted with quick-change cones. For hot-rolled wires, the feed wheels will be equipped with two 'V' grooves that cover the entire range of wire diameters. The straightening is accomplished by an independent rotating straightener, which is mounted between the feed boxes. The straightener is equipped with three pairs of straightening shoes in the center and two sets of rotary straightening dies—one at each end of the arbor."

[www.videx.co.il](http://www.videx.co.il)

## High-Quality Wire Processing Equipment Supplied for 30 Years

Norman Pierce, Director Sales & Marketing at TAK Enterprises Inc., located in Bristol, CT, USA, says "ISO-certified TAK Enterprises Inc. has been supplying wire processing equipment since 1981. Cut-to-length machines, roll-style wire straighteners and payoffs designed for fine size wire (less than 0.040"/1 mm) have been offered by TAK Enterprises Inc. almost from the company's beginning.



LD - Tractor Style Drive    HD - Up to 6 Wheel Drive    LD - Precision 4 Wheel Drive

Drive styles available from TAK Enterprises Inc.

"Two of the company's most noteworthy and recently enhanced and upgraded machines include the line of servo-based wire feed drives with associated software and control packages as well as the TAK Enterprises Programmable Rotary Wire Straightener.

"The linear feed drives available from the company are servo based and can be configured with light-duty, medium-duty or heavy-duty feeders. The light-duty feeder types are engineered for fine wire and can be a tractor style or roll drive style. The MD and HD drive units are all roll drive types for wires up to 0.250".

"The three available software packages (which include Basic, Standard and Advanced) can be matched up with any of the feed units so as to

configure a very flexible operational control, while maintaining a very cost-competitive price tag.

"The Programmable Rotary Wire Straightener, recently introduced to the industry by TAK Enterprises, allows for all of the settings to be programmed into the system based on known application parameters, which takes most of the guess work out of setup and fine tuning. This straightener system is fully self contained and includes built-in despooler, anti-twist device, wire cleaner/lubricator, tension controller, independent speed-settable counter rotating arbors and servo based speed-adjustable feed drive." [www.takenterprises.com](http://www.takenterprises.com)

## New Large-Diameter Uncoiler

Kirk Prosser, VP Sales & Marketing at Rockford Manufacturing Group/Fastener Engineers, Lewis Machine (RMG/FELM), South Beloit, IL, USA, says, RMG has had more than 40 patents issued worldwide, and is pleased to announce a new one pending for our large diameter uncoilers.

"The company introduces the 'AUTOMATCH', Prefeeder Uncoiler for the delivery of larger-diameter wire and rod to the production machine using 'speed control technology' for continuous feed. This improves blank length and volume requirements for today's high-precision cold heading machines by isolating the full weight of the coil from the wire required for the stroke of the production machine. This technology is so innovative, that we have USA and international patents pending. 'AUTOMATCH' Prefeeder Uncoilers can handle all of large-diameter applications from 0.625" to 1.75" (15.5 to 45 mm).



Powered straightener bench from RMG/FELM.

"We offer a complete line of standard Multi-Roll Wire Straighteners covering diameters from 0.040" to 1.750" (1.0 to 44.5 mm).

"RMG can customize these units by adding hydraulically actuated rolls with PLC controls and feedback for automatic positioning to adjust for different diameters and materials, in addition to a number of wire feed options." [www.rmgfelm.com](http://www.rmgfelm.com)

FTI