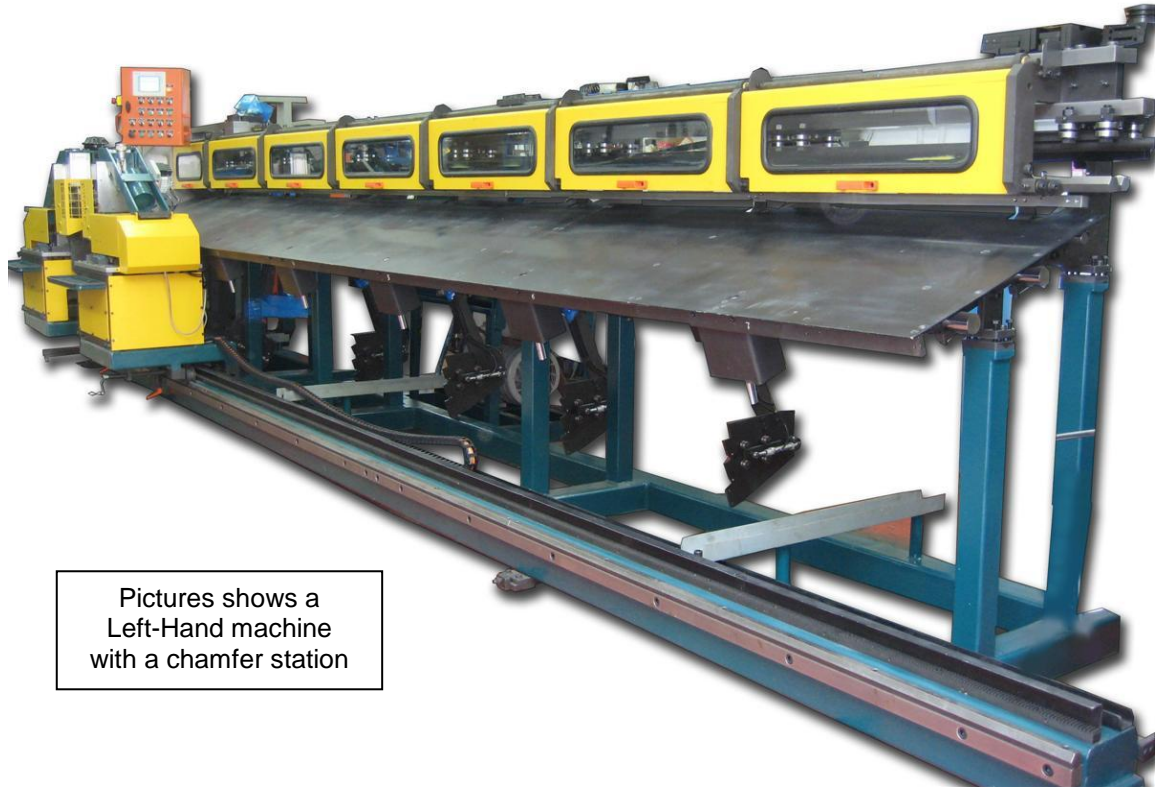


# **Straighten & Cut**

## **Machines for Hi-Tensile wire**



Pictures shows a  
Left-Hand machine  
with a chamfer station

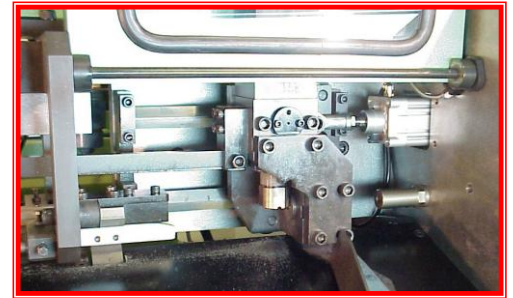
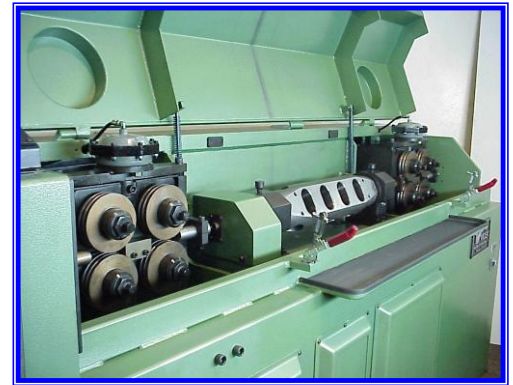
***Up to 100 meters/minute – Drawn Wire or Rod.***

***The Most Operator Friendly Machine on the Market***

- The ideal machine for processing Hi-Tensile wire.
- Length Change in 15 seconds.
- Stainless Steel Run-Off Guide.
- Flying Shear with No Clutch.
- Wire Positive Stop, for accurate length.
- Separate Speed control of the straightener and feed rolls.
- Rotating straightener dies yield best surface available.
- Optional Collecting Arms, for Continuous Operation.
- Optional Computerized Length or Digital Readout.
- 2-Year Guarantee.

*VC-HR models are equipped standard with the following features:*

- **Length Change** accomplished in seconds. Faster than any other machine on the market.
- **Quick Clamp Positive Stop**, assures accurate and consistent part length.
- **Hydraulic Impact Cut-Off**, provides a square cut on both ends and allows faster wire speed, with less energy consumption. No clutches or slides to wear.
- **Better Surface Quality** is achieved using the Combination Straightener, using rotating dies on both ends and straightening shoes in the center of the arbor. The straightener requires 30% less power and consumes 40% fewer straightening shoes than other machines.
- **Wire feed rates up to 300 FPM** without twisting the wire by integrating two Feed Boxes with one Rotary Straightener Arbor.
- **Safety** features stop the machine if a fault occurs during cut-off or when safety covers are opened.
- **Flying Shear Cut-Off** by means of an independent pneumatic cylinder, moves the cutting mechanism with the wire, increasing wire speed and reducing chances of wire failure.
- **Quick-Change Feed Wheels (rolls)** are employed, for easy set-up of all wire diameters.
- **Two Synchronized Vector Type Speed Controllers** enable straightening the wire at the high speeds for any combination of hardness and diameter, allowing set-up in a slow, jog speed.
- **Optional Short Cut-Off mechanism**
- **Stainless Steel Run-Off Guide**, requires no adjustments when changing wire diameters.
- **Optional Collecting Arms**, for continuous run while the operator bundles the previous batch.
- **Optional Digital Length Readout, Computerized Length, and Vibrating Cradle for Bundling.**



SPECIFICATIONS		VC-25-HR	VC-30-HR	VC-35-HR
Wire diameter range, up to 700 N/mm <sup>2</sup> (100 kpsi)	mm Inch	6.5 - 14.0 1/4" - 9/16"	8.0 - 19.0 5/16" - 3/4"	11.0 - 25.4 7/16" - 1"
Minimum cut-off length	mm (inch)	1,000 (40")	1,000 (40")	1,000 (40")
Optional short cut length	mm (inch)	50 (2")	75 (3")	100 (4")
Maximum cut-off length	meter (feet)	18m (60')	24m (80')	30m (80')
Production	PPM	Up to 100	Up to 85	Up to 70
Maximum wire speed	meter/min (FPM)	90 (300)	80 (260)	60 (200)
Straightener motor	KW (HP)	30 (40)	50 (60)	60 (75)
Floor space without track	meter (ft)	3.8X1.7 (12.5X5.5)	4.0X2.5 (13X8.2)	4.2X2.7 (13.8X8.9)

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