# BARBED WIRE MACHINERY
# BVR

**INDUSTRIAL WIRE**



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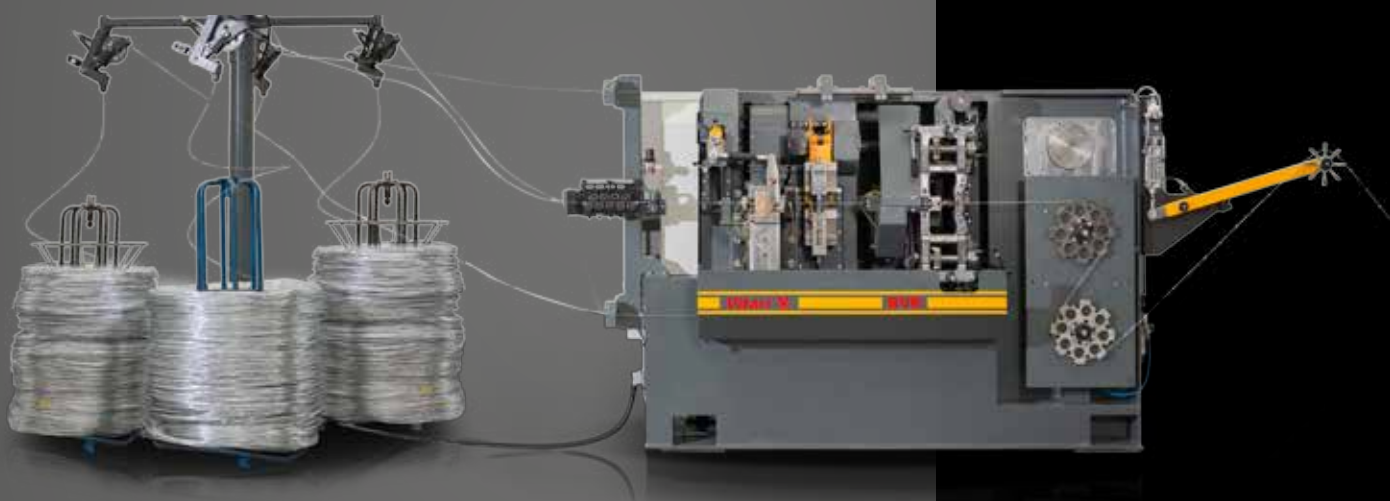
**Vitari V**

# HIGH SPEED MACHINE FOR THE MANUFACTURE OF STEEL BARBED WIRE WITH ALTERNATE TORSION (REVERSE TWIST)

The proceedings for making the strand and the positioning of the barb, are mechanically synchronized in order to grant a product of excellent quality at any production speed. The pitch between the barbs can be set on the machine depending on the specific requirements, by replacing the rotating disc from a minimum value of 3" (76,2 mm) to a maximum value of 6" (154,2 mm). The barbed wire produced is collected in rolls by a power-driven winding unit which keeps the wire tension at a constant value. A single spool placed horizontally allows dual loading and unloading operations. The machine is equipped with an electronic control which allows to vary the speed without intervening on any other units of the machine. A special control push button allows to set in advance the number of barbs/meters that the roll will have to contain and also allowing for a correct production control. The machine is in conformity to CE safety directives and can be sound-proofed upon request.

| Wire gauge for strand | | Wire gauge for barbs | Number of torsions on the strand | Distance between barbs | Working speed abt. | Output | Lenght of finished rolls | Power required |
|---|---|---|---|---|---|---|---|---|
| 1,6 - 1,8 mm | 1,8 - 2,0 mm | 1,4 - 1,8 mm | 2 - 5 | 3" - 6" | 230 - 300 barbs min | 22 - 35 m/min | max 500 m | 14 kW |
| R= 1400 N/mm² | R= 900 N/mm² | R= 500 N/mm² | depending on: -wire specifications -pitch between the barbs | different options intermediate passes 3" - 6" | | | | |



REVERSE-TWIST UNIT



BARB UNIT

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