



# BLR-4000

The only machines in the world capable of production speeds up to **400 barbs per minute.**

● Model: BLR-4000

Reverse Twist

Up to 400 BPM

ENQUIRIES

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## Design Offers

The BLR-4000 Barb Lokk Machine is engineered for exceptional versatility and efficiency in barbed wire fence manufacturing. The following design advantages are built into every machine.

### MAINTENANCE

- Barbing system requires fewer parts and less complexity
- Quick change components for ease of maintenance and rapid replacement of wearable parts
- Rockwell AB Automation and hardware used throughout
- Reporting module integrates status and live alarms. Historical production data, fault history, and shift metrics can be displayed across custom time ranges
- Electronic parts and user manual on HMI display including 3D models

### OPERATOR

- Integrated PLC Machine Safety with light curtains, laser scanner, and magnetic RFID guard sensing
- HMI interface for operation and Machine set-up
- Individual axis control
- Machine sits on feet allowing all-round access for cleaning and machine inspections

### ENVIRONMENTAL

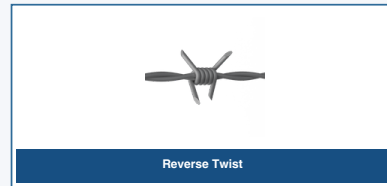
- Machine flexibility means a smaller factory footprint and fewer cables required to produce barbed wire
- Lower noise dB levels in the factory

### ECONOMIC

- Barb Wire production of up to 400 BPM (Barbs per minute)
- Modular design requires less time to install and commission
- Ease of movement with forklift pockets
- Vertical Manufacturing reduces floor space
- Pneumatics not required

# Machine Specifications

The BLR-4000 Barb Lokk Machine is a high-tensile reverse twist barbed wire machine. The machine specifications are listed below:



Specification	Reverse Twist
Machine Model	BLR-4000
Control System	PLC Automation
Site Power	Voltage: 380–480 VAC 3 Phase 30 KW / Current 45-55 amps
Maximum Roll Length	1000m / 3281ft
Minimum Roll Length	150 feet / 50 metres
Barb Pitch/Spacing	3" 4" 5" 6" inches
Line Wire Gauge	14 – 15.5
Barb Wire Gauge	14 – 15.5
Production Speeds Beats Per Minute (Maximum Possible)	400 Barbs Per Minute
Maximum Roll Diameter	380mm (15")
Maximum Roll Weight	100Kg (220lbs)
Maximum Roll Height	245mm (10")

Specifications can change upon request.

## Machine Options

The BLR-4000 can be configured with a range of optional features to suit specific production requirements. Contact us for pricing and availability.

Machine Model	BLR-4000
Automated Pitch Control	✓
Automated Roll Handling	✓
Infeed/Outfeed Conveyors	✓
Vision Inspection	Individual Barb
Remote Support (local Internet Connection required)	✓
Customisable Backframe Layout	✓
Customisable Guarding	✓
Upstream/Downstream Robot Palletising	✓
Custom Spool Type	Size and material

For further details and pricing on any of the options above, please contact:

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