



BLM-3000

The only machine in the world capable of producing **two different types of barbed wire.**

● Model: BLM-3000

High Tensile Reverse Twist

lowa-style (Continuous Twist)

Up to 400 BPM

Up to 1 mile roll

ENQUIRIES

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Design Offers

The BLM-3000 Series BARB LOKK MACHINE is engineered for exceptional versatility and efficiency in barbed wire 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, with fewer cables required to produce two styles of barbed wire
- Lower noise dB levels in the factory

ECONOMIC

- Barb Wire production up to 400 BPM (Barbs per minute)
- Roll length up to 1 mile
- Modular design requires less time to install and commission
- Ease of movement with forklift pockets

Machine Specifications

The BLM-3000 seamlessly produces both Reverse Twist and Continuous Twist knots. Where specifications differ between twist types, both values are shown below.



Specification	Continuous Twist	Reverse Twist
Machine Model	BLM-3000	
Control System	PLC Automation	
Site Power	Voltage: 380–480 VAC 3 Phase 30 KW / Current 45-55 amps	
Site Air	Min. 6 bar – 30 ltr/min	
Maximum Roll Length	1 Mile / 1600 Meters	
Minimum Roll Length	150 feet / 50 metres	
Barb Pitch/Spacing	3" 4" 5" 6" inches	
Line Wire Gauge	12.5 – 14	14 – 15.5
Barb Wire Gauge	12.5 – 14	14 – 15.5
Production Speeds Beats Per Minute (Maximum Possible)	400 Barbs Per Minute	400 Barbs Per Minute
Maximum Roll Diameter	600mm (23.6")	
Maximum Roll Weight	300Kg (661lbs)	

Specifications can change upon request.

Machine Options

The BLM-3000 can be configured with a range of optional features to suit specific production requirements. Contact us for pricing and availability.

Machine Model	BLM-3000
Automated Pitch Control	✓
Automated Roll Handling	✓
Infeed/Outfeed Conveyors	✓
Vision Inspection	Individual Barb
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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