

LOBSTER BANDING
Machine



LOBSTER BANDING MACHINE

FINDING SOLUTIONS

Lobster fishing is physically hard on the body of banders, and no job should be a source of that much pain. We want to alleviate that as much as possible, so we have developed a machine that simplifies the banding process. This machine decreases the pain and swelling in fingers, forearms, and carpal tunnel wrist area from manual banding operations, and allows for consistent processing from sun up to sun down.

Our oceans worldwide are becoming increasingly polluted with plastics, cans, bottles, fishing nets and, we were sorry to learn, rubber bands, that are seriously impacting the ecosystem and the livelihood of fishermen. Lobstermen use rubber bands to band lobster claws. Bands, normally piled at banding stations on deck, are subject to being blown or washed overboard adding to that pollution factor. The Lobster Banding Machine applies each band cut from tubing directly to a lobster claw. No piles of bands on boat decks, no spillage into the oceans we hope will help free our waters of that part of the debris that could be attributed to rubber bands.

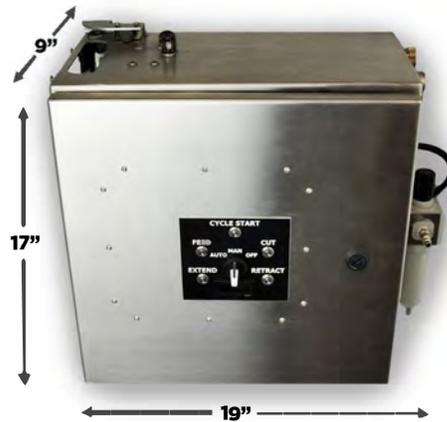
OPERATION

Alliance's Sterling grade rubber tubing is fed through the back of the machine, and cut into half-inch bands. The internal mechanism grabs the band, stretches, and then presents an open band. Once the claw is placed through the band opening, the band detaches from the mechanism, securing the claw. The mechanism then retracts back into the machine to retrieve the next cut band for presentation. The entire process takes one second per claw in fast speed mode, allowing the operator to process an entire day's catch at a consistent, fast rate.



SPECIFICATIONS

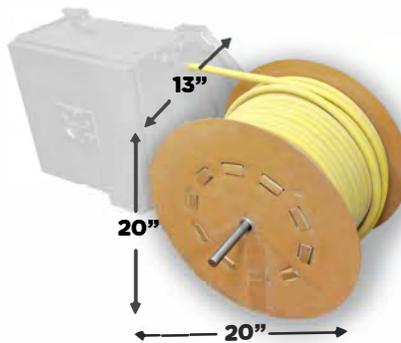
- Compact dimensions designed to not get in your way
- Precision machined components designed to endure a fresh water, wash-down environment
- Internal computerized parts are protected in a sealed plastic compartment
- Modular design for ease in troubleshooting and part replacement
- Operates with 120 VAC, 24 VDC or 12 VDC power sources
- Requires a compressed air source that can supply 0.5 CFM at 100 PSI



Cycle Speeds	Cycle Time
SLOW	4 seconds
MEDIUM	2 seconds
FAST	1 second

TUBING

As a leading lobster band supplier, Alliance provides lobster and crab rubber bands that exhibit excellent cold resistant properties while maintaining strength and stretch. Our Sterling grade lobster machine tubing is made from natural rubber and comes in red, blue, and yellow. Size, color and print can be customized.



Sterling Grade Rubber Tubing

Reel Quantity	Approximate No. of Bands	No. of Banded Lobsters
10 lbs.	3,850	1,925
20 lbs.	7,700	3,850

Standard Tubing Size

1" x .050 wall thickness

Cut Band Size

1" x 1/2" x .050 wall thickness



WOMEN OWNED

10.18



HOLDING YOUR WORLD TOGETHER

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