

ALO 123

Automatic capping machine for welded band saw loops



ALO 123

Is a compact and easy operated machine for fitting U-shaped plastic tooth protection on welded band saw loops. After the loop is placed in the open fixture by the operator or by a robot, the machine automatically adds the plastic teeth protection and completes the loop.

For safety reasons the cycle is started with double buttons on a separate control cabinet.

Light curtain safety system can be used as an option to the dual button operation.

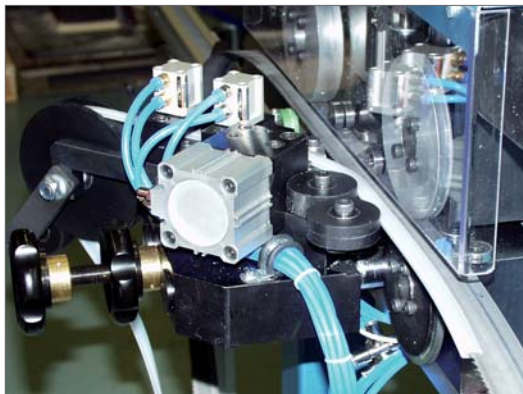
No adjustments needed for different band length, thickness or tooth pitch.

Parameters can be saved under product names and easily recalled from the control systems memory.

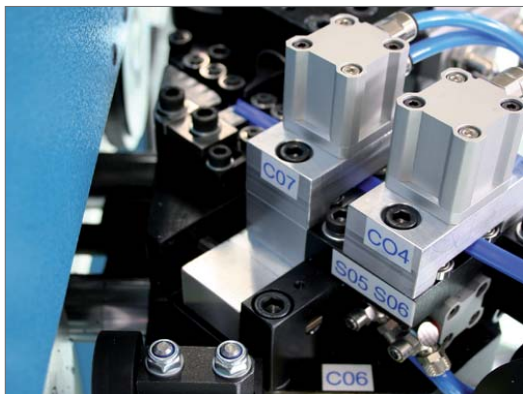
CAPACITY:

Band widths:	20 - 54 mm	¾ - 2.1"
Band thickness:	0.6 - 2 mm	0.02 - 0.078"

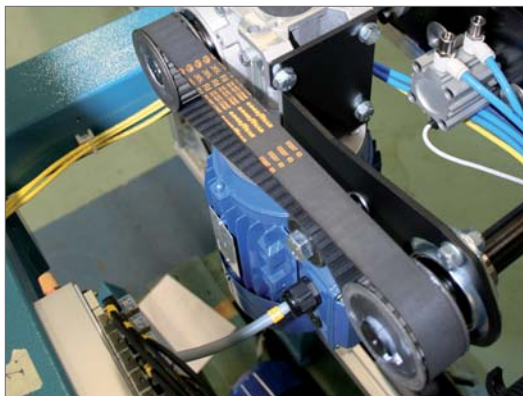




Band loop and plastic strip feeding units.



Shear and strip feeding unit.



Twin wheel driven band feed unit.

MACHINE DESCRIPTION

The tooth protection material is opened and pneumatically fed over the first teeth by the strip feeding unit. The frequency controlled feed wheels feed the loop and after a complete revolution the protection material is cut automatically by the shear unit. The feed speed and several other parameters can be easily be adjusted on the operator terminal, and saved for future use.

After loading a new loop in the open fixture by use of a floor pedal the machine is ready for the next cycle. The tooth protection material is fed from a coil that is driven by a frequency controlled motor.

The ALO 123 manages several different plastic types and sizes. A new coil of plastic strip are easily loaded when the strip coil are consumend.

TECHNICAL SPECIFICATION:

Band width:	20 - 54 mm	¾ - 2.1"
Band thickness:	0.6 - 2.0 mm	0.02 - 0.078"
Min. band loop length:	2 m	6.5 ft
Capacity:	10 sec for a 8 m / 26ft loop	
Air pressure:	6.3 bar	91 psi
Voltage:	230 VAC ± 10%, 1 or 2 phase, 50 - 60 Hz	
Space requirement (l x w x h)	2300 x 1100 x 1800mm	7.5 x 3.6 x 5.9 ft

