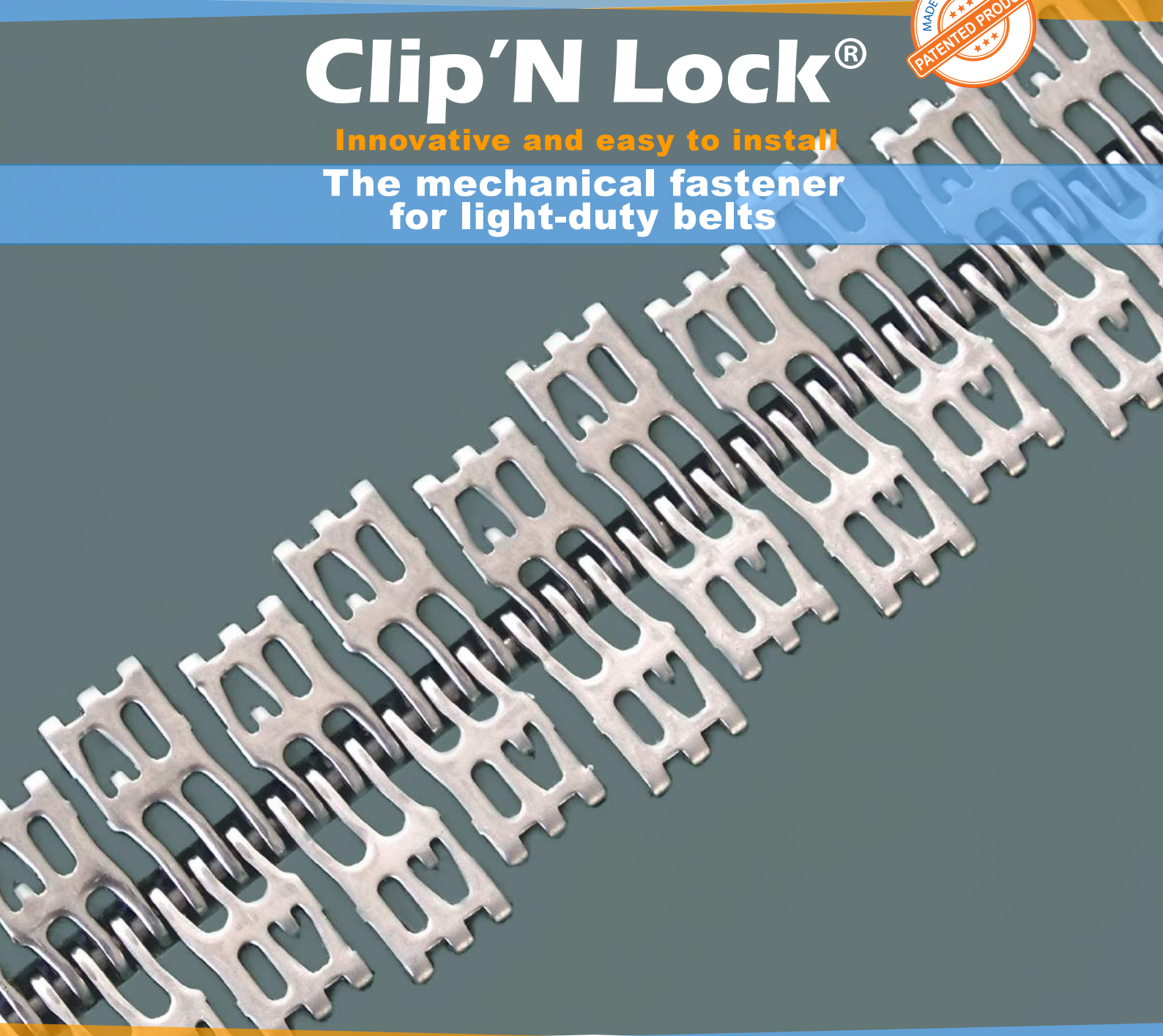




Clip'N Lock®

Innovative and easy to install

**The mechanical fastener
for light-duty belts**



MLT
**A Partner you
can Trust**

Our products and solutions
meet your needs

70 years of experience and
innovation for you



**SOLUTIONS FOR HEAVY AND LIGHT-DUTY BELTS
MANUFACTURER OF TECHNICAL BELTS,
TOOLS, VULCANIZING PRESSES**

SUMMARY

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05

Choose and install Clip'N Lock®p05

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Install Clip'N Lock® very easily.....p06

Clip'N Lock® - what is it?

The only monobloc metal fastener with meander design in the market.

Clip'N Lock® - a flat fastener for light duty belts!

Thanks to its continuous pitch, Clip'N Lock® ensures an excellent gripping of the claws in wide belts.

Its concept, designed and patented by MLT, gives it many advantages:

- More resistance with a double rows of teeth (from the CL30)
- A meander design: no risk of losing a claw, which is essential in the food industry for example
- Guarantees a constant step over the entire width of the belt
- Perfect flexibility, especially useful for trough belts

Clip'N Lock® provides 33% more grip points, compared to standard fasteners, and gives 15% more resistance.

In order to facilitate the management of your stocks, MLT has developed a simple range of only 4 fasteners designs, which covers all of your daily needs.

**More resistant,
More flexibility,
Choose Clip'N Lock®**

Advantages :

- Optimized resistance (+ 15% compared to standard fasteners)
- Perfect flexibility
- Solidarity links (monobloc = Minimized risk of loss of one claw)
- Without extra thickness
- Works with small pulley diameters
- Compatible with most competitors installation tools

Application domains:

- Food**
- Packaging**
- Laundry**
- Cardboard**
- And more !**

Installation of our products

Installation of our products

Our combs are compatible with the MLT Multitool and most of the existing installation tools on the market. Please do not hesitate to ask us for advice on compatibility with your tool.

That way you can use our new generation fasteners, without necessarily investing in a new installation tool.

Reduce the number of references of your stocks!

Our fasteners cover by themselves:

CL 25: 17 products from the market

CL 30: 22 products from the market

CL 40: 46 products from the market

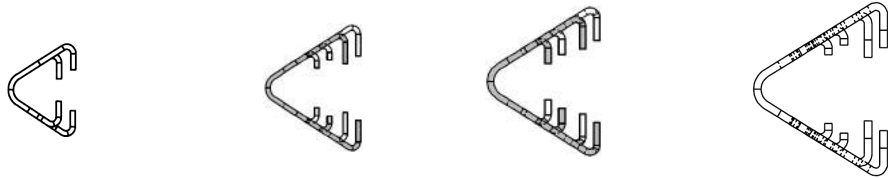
CL 50: 16 products from the market

Inquire, we will help you in your choice.



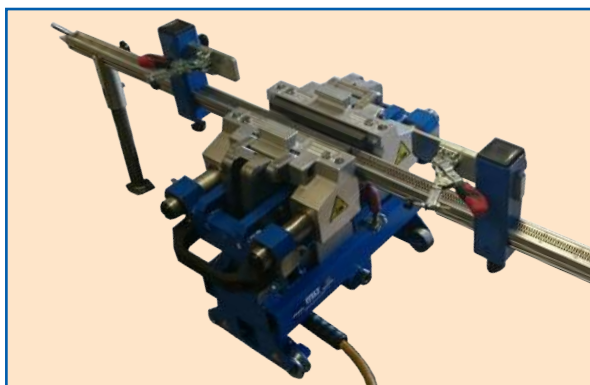
Choose and install Clip'N Lock® Easily and quickly

How to choose your Clip'N Lock®



	CL 25	CL 30	CL 40	CL 50
Lacing pitch	2.54 mm	2.54 mm	3.175 mm	3.67 mm
Belt thickness (Regular point)	1 - 1.5 mm	1.5 - 2 mm	2 - 3 mm	3 - 5 mm
Min. pulley Ø	20 mm	30 mm	40 mm	60 mm
Material	316 L Stainless steel	316 L Stainless steel	316 L Stainless steel	316 L Stainless steel
Installation	Multitool or vice tool			
Cable pin	Nylon covered or bare stainless steel pin Ø 1 mm [0.039"]	Nylon covered or bare stainless steel pin Ø 1.5 - 1.8 mm [0.059" to 0.071"]	Nylon covered or bare stainless steel pin Ø 1.8 - 2.1 mm [0.071" to 0.082"]	Nylon covered or bare stainless steel pin Ø 2.1 - 2.6 mm [0.082" to 0.102"]
Packaging	Box containing 48 strips of 150 mm [6"] or 24 strips of 300 mm [12"] or 600 mm [24"]	In standard box each containing 10 strips of 300 mm (12") / 600 mm (24") / 1200 mm (48")		

Just one tool for all types of fasteners



MULTITOOL Installation tool

Characteristics :

- Installs all fasteners of the Clip N'Lock® range
- Modular installation tool
- Jaws: 200 mm wide
- Different sizes of combs

Advantages :

- Modulable
- Quick to use
- Important tightening
- Tool suitable for industrial use
- Tool with integrated belt clamps
- Ergonomic use
- Does not require any additional tools



Available in 2 packs

Basic package: the installation device with a closing width of 200 mm (7 7/8") closing width + comb holder + hydro pneumatic pump + connection hose

Premium package: the installation device with a closing width of 200 mm (7 7/8") + comb holder + hydro-pneumatic pump + 2 belt clamps + 2 support post + connecting hose

Installation method

Install your Clip'N Lock® easily !

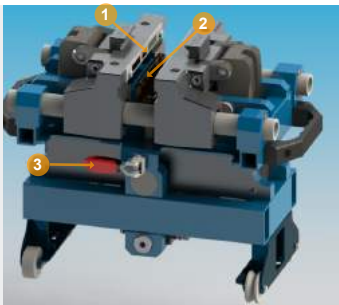
MULTITOOL



Never close the machine without the jaws
It is not recommended to close the vacuum unit (without belt)

INFO +

The machine must run on a $\varnothing 5$ mm rail made by the buyer. Ensure that the machine is placed on a flat surface, that the rail is suitable for the machine rollers and the presence of the rail stops, the support post fixed on the work table.



PARTS LIST OF MULTITOOL

- 1 Magnets for jaws
- 2 Guide comb
- 3 Handle for locking / unlocking the comb guide

CONTROL PEDAL PRESSURE

- Adjustment knob 4
- Of the pressure Pedal 5



PEDAL CONNECTIONS



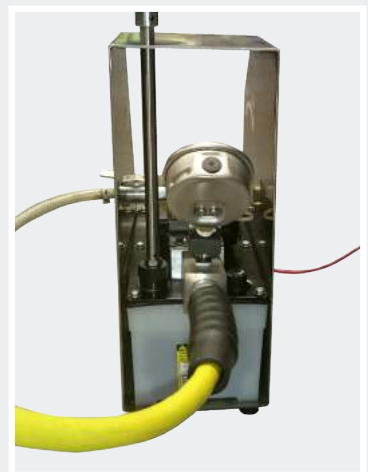
Connecting to Multitool

Connection to the comb door (red pipe)
Pump supplied with plug, to be removed for connection

Connection to compressed air supply



Front side



Back side



Connection to the comb holder

Warning

A red plug is present on the pump tank to prevent leakage during transport. Put the supplied black cap into the bag before first use.

The red plug must be kept for the removal of the machine.

The pedal must be connected to a pneumatic network of at least 6 bars.

During the first use, operate the machine several times with the pump placed higher than the press to evacuate the air from the circuit.

Help to tightening

(Before use, read the precautions for use and make sure that the pressure adjustment and the connections are made.)

It is recommended to perform a tightening test on a small part of the strip before joining the entire surface.

		Clip'N Lock® BARS MULTITOOL PRESSURE			
		CL 25	CL 30	CL 40	CL 50
THICKNESS OF BELT, in mm	1 mm	150 Bar			
	1.5 mm	150 Bar	50 Bar		
	2 mm		150 Bar	200 Bar	
	3 mm			250 Bar	150 Bar
	5 mm				200 Bar

NOTE : Excessive pressure may damage the fasteners

PRESSURE ADJUSTMENT

- 1 Turn the adjustment knob counterclockwise until the adjusting rod comes into alignment
- 2 Insert any belt and close the jaws by pushing the pedal forward
- 3 Close until the pump pressure rises to 0 to 50 bar
- 4 Turn the knob clockwise to the desired pressure (1/2 turn of the knob equals approximately 50 bar) while keeping your foot on the pedal for closing
- 5 Open the jaws by pushing the pedal backwards, remove the belt
- 6 The pressure is now set

Install a Clip'N Lock® fastener

Before use, read the precautions for use and make sure that the pressure adjustment and the connections are made. Fastener should be slightly wider than the width of the belt.

	CL 25	CL 30	CL 40	CL 50
Lacing pitch, mm	2.54 mm	2.54 mm	3.175 mm	3.67 mm
Belt thickness, mm	1 - 1.5 mm	1.5 - 2 mm	2 - 3 mm	3 - 5 mm
Minimum pulley ø, mm	20 mm	30 mm	40 mm	60 mm


Installation method for Clip'N Lock® recommended by MLT:

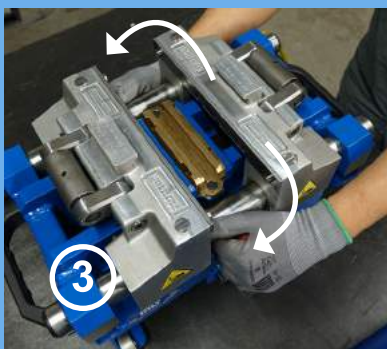


Insert the comb CL
(of the model to
be joined) into the
comb holder



Close the socket to
lock the comb

 Risk of pinching
fingers. Do not leave
your hand on the
comb holder



Unlock the comb
guide



Remove the comb
guide



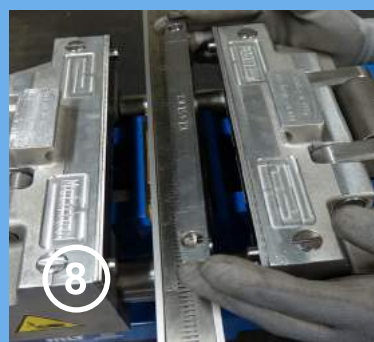
Slide the comb
guide into the comb
rail



Place the sub-
assembly in the center
notches of the open
Multitool



Lock the comb guide
by raising the 2
locking handles



Place the jaws on the
magnets of the jaws.
«Clip'N Lock®» must
be visible at the top



Adjust the pressure suitable for the fastener (see page 6)

9



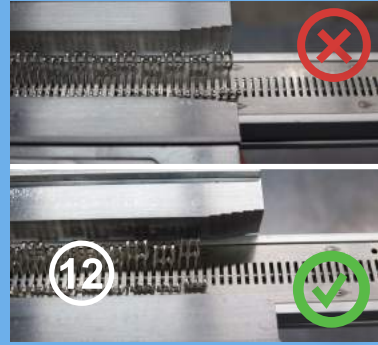
Place the fastener on the comb

10




Insert the spindle and remove the cardboard from the fastener.

11



Adjust the position.

 Note, the fastener, unless indexing a longer piece, is not placed passed the flat surface of the jaws. The stepped face of the jaw will not completely install the fastener. Do not adjust the position of the fastener in this area.



Insert the belt - cut square - against the fastener

13




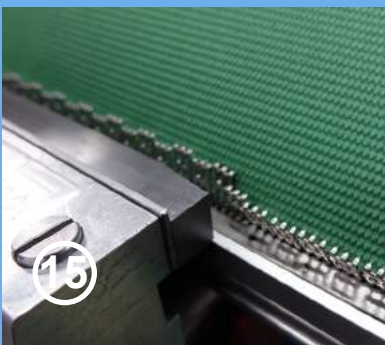
Press the clamp pedal.

14

Check the closing pressure using the manometer. Release the pedal when you reach the desired pressure (at the end, a whistle can be emitted by the pump).


Open the machine by operating the pedal.

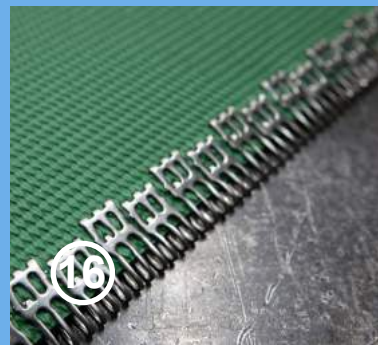
 Pay attention to the risk of pinching when closing.




If necessary, repeat the operations by moving the machine.

15

 Be careful, when moving or indexing the machine, to stay clear of the wheels on the bottom of the structure



16

 Shut off compressed air When not in use.

Remove the spindle. Clip the other side of the belt Repeat steps from step 11.

Your Clip'N Lock® is installed!

Training

A dedicated team just for you, in our offices or on site

Installation of the MLT products

Conveyor technology and installation of MLT products

Technology and maintenance of conveyor systems + installation of MLT products

And more...

Scope of our training center

Our training center operates all over the world, depending on your requirements and needs. Contact us for a quotation.

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MLT

Minet Lacing Technology

MLT – it's also metallic fasteners, flexible splices, tools,
endless and spliceless technical belts



Super-Screw®



ISC® splice



MS°



FIX'N GO°

Innovative products,
easy to install !



Self-Lock®



Clip'N Lock®



Technical belt
Endless spliceless belts

Innovation for 70 years.

MLT, it's solutions for heavy and light duty belts, tools, technical belts, and more!



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