

LEGRAND
PATENT



CONTENTS

Page

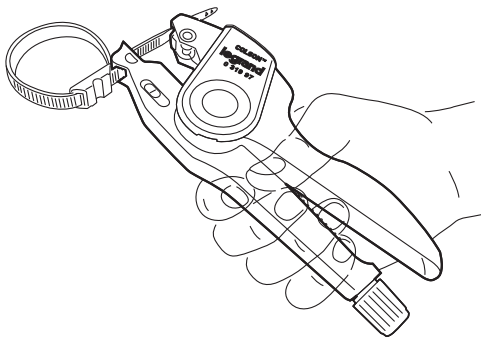
| | |
|------------------------------------|---|
| 1. General characteristics | 1 |
| 2. Functionalities | 1 |
| 3. Technical characteristics | 2 |
| 4. Dimensions – weights | 2 |

1. GENERAL CHARACTERISTICS

The Colson™ automatic tool cat. n°. 0 319 97 is intended for installing Colson™ cable ties. Its innovative and patented concept makes their installation both simpler and faster thanks to a unique movement to tighten the cable tie and cut the surplus strap.



The automatic functions of the tool combined with its ergonomic grip also contribute to reduce the efforts to be applied by the user, and therefore the risks of musculoskeletal disorders (MSDs) caused by the repetition of a same movement.



An opening on the top handle allows the fixing of a safety strap (not supplied).

2. FUNCTIONALITIES



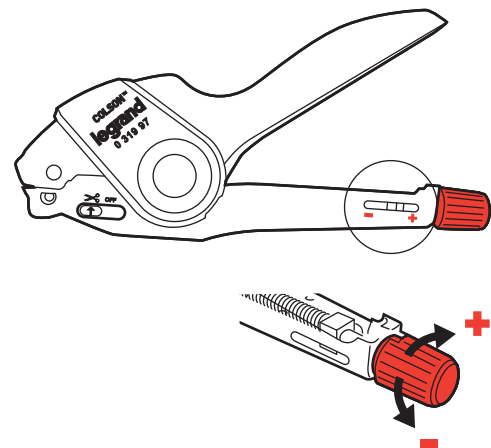
Automatic feedforward of the tool allows Colson™ cable ties to be tightened with only one hand. The end of the tool remains in continuous contact with the head of the cable tie and it's not necessary to hold the cable tie during tightening. The other hand is released to prepare the next cable tie for example, and thus offering time saving.



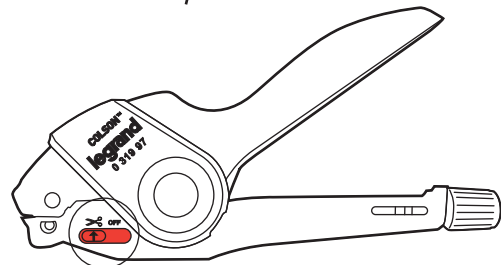
The automatic cutting of the tool allows to cut the surplus strap of the cable tie without additional action. Once the pre-set tightening tension is reached, the strap is automatically cut flush with the cable tie head.

2. FUNCTIONALITIES (continued)

An adjustment wheel located at the end of the tool makes it easy to set the tightening tension of the cable tie. The setting obtained can be viewed on the side slider:



A button located on each side of the tool makes it possible to deactivate, if necessary, the automatic cut function:

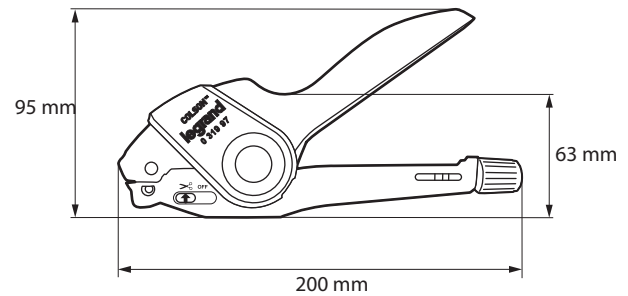


3. TECHNICAL CHARACTERISTICS

- For Colson™ cable ties 6 mm and 9 mm wide
- Suitable for right-handed and left-handed
- 40% less handling force than non-automatic tool
- Stroke: 32 mm (strap move for one handling)
- Lifecycle greater than 300 000 handlings and 100 000 cuts
- Metal handle made of Zamak + anthracite grey epoxy paint RAL 7016 matt (fine texture)
- Built-in stainless-steel knife of quality 1.4034 with heat treatment
- Stainless steel springs
- Cover in red polycarbonate RAL 3020
- Excellent shock and scratch resistance
- Operating temperature: - 30 ° C to + 40 ° C
- Withstand to a drop up to 3.5 m without loss of functionality
- Protected against corrosion (salt spray test 168 H and sulfur dioxide / SO₂ 96 H)
- Does not require maintenance
- Possibility of fixing a safety strap (not supplied)

4. DIMENSIONS - WEIGHTS

- Overall width: 26 mm
- Width handles: 18 mm



- Weight: 363 grams