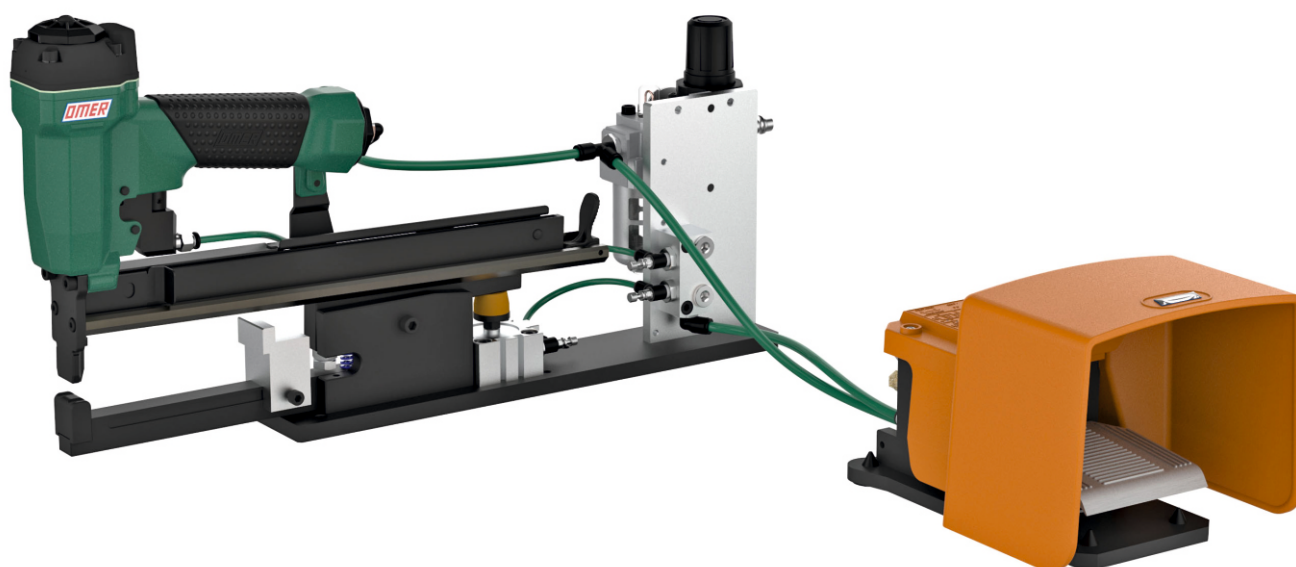




# SG44.25 ROP-3444

cod. 12378ROP-3444



**DO NOT  
HANDHELD  
THIS TOOL**



**MANUALE D'USO e PARTI DI RICAMBIO**

**IMPORTANTE NON DISTRUGGERE !**

*Leggere attentamente questo manuale prima di usare la graffiatrice e rispettare assolutamente le norme di sicurezza qui contenute.*

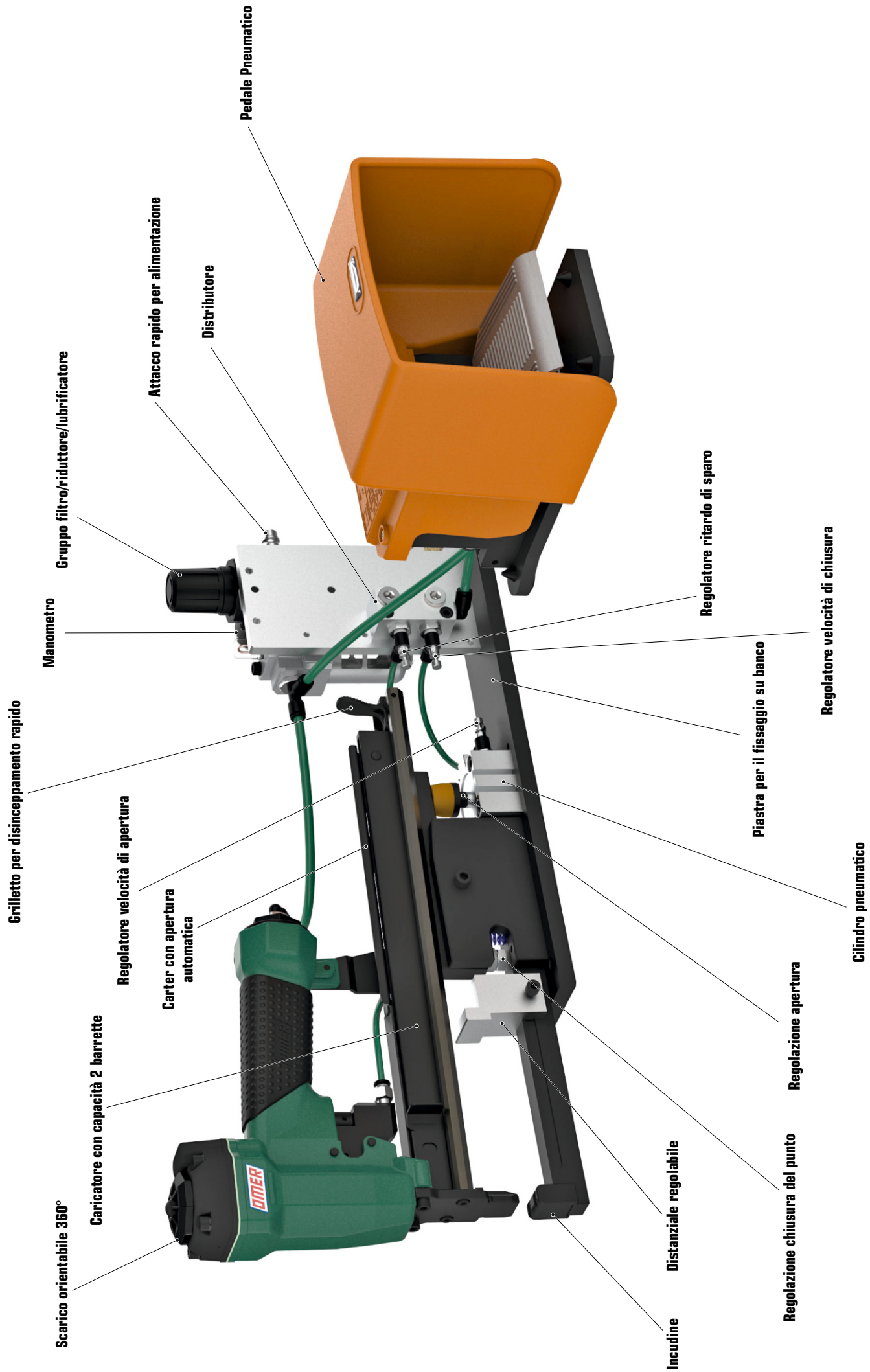
12378ROP-3444\_SG4425ROP-3444\_3 08/05/2023 DV

## **INTRODUZIONE:**

*La graffatrice da banco ROP viene proposta come la soluzione ottimale per le operazioni di aggraffaggio, ideale per la chiusura di blister, sacchetti, scatole, contenitori da esposizione, etc.*

### **Caratteristiche:**

- *Possibilità di fissaggio al piano di lavoro*
- *Impianto pneumatico completo di gruppo FRL e manometro per una corretta alimentazione*
- *Modalità di funzionamento: consenso tramite valvola a pedale*
- *Pressione di utilizzo: 5,5 – 6,5 bar (80 – 95 PSI)*
- *Modalità di caricamento: dall'alto*
- *Capacità del caricatore: 2 barrette*
- *Lunghezza dei punti impiegabili: 12 – 25 mm*
- *Disinceppamento rapido*
- *Possibilità di regolare:*
  - *Chiusura del punto*
  - *Apertura passaggio materiale da fissare*
  - *Velocità di chiusura*
  - *Velocità di apertura*
  - *Ritardo dello sparo*



Scarico orientabile 360°

Caricatore con capacità 2 barrette

Regolatore velocità di apertura

Carter con apertura automatica

Grilletto per disinceppamento rapido

Manometro

Gruppo filtro/riduttore/lubrificatore

Attacco rapido per alimentazione

Distributore

Pedale Pneumatico

Incudine

Distanziale regolabile

Regolazione chiusura del punto

Regolazione apertura

Cilindro pneumatico

Piastra per il fissaggio su banco

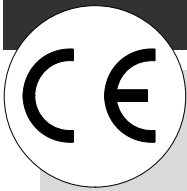
Regolatore ritardo di sparo

Regolatore velocità di chiusura

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# EC Conformity declaration

(Conformity to annex II part 1 section A of Directive 2006/42/EC)

OMER spa, registered office in Via Foresto, 42 - 31058 SUSEGANA (TV) ITALY, declares under its own responsibility that the pneumatic stapler described in this manual, the cover of which shows the model, serial number and year of construction, complies with the essential safety requirements included in Directive 2006/42/CE and meets the provisions of EN ISO 11148-13: 2018.

Person authorized to compile the technical file: Pietro Rossetto Via Rossini, 10 Susegana

Susegana 10-01-2022

Legal Representative 

## INSTRUCTION MANUAL

### FOREWORD

This Instruction Manual and the attached Data Sheet (which forms an integral part of it) have both been drawn up in conformity with EEC guideline 2006/42/EC. Both publications are meant for the user of the tacker and contain information on the use of the machine as intended by the manufacturer; they also supply the necessary technical data for its correct use and the safety rules to be strictly observed by the user of the stapler. The instruction manual is to be considered an integral part of the gun and must be kept in a safe place for future reference for the entire life of the machine.

### INTRODUCTION

In order to assure high reliability, OMER has made a careful choice of the materials and components to be used in the manufacturing process of the tool and has tested it before delivery. Proper performance of the tacker in time also depends on its correct use and on adequate servicing according to the instructions contained in this manual. All of its components, connecting parts and control devices have been designed and implemented with built-in safety to enable them to withstand even unusual stresses, in excess of those set in this manual. The best quality materials have been used and they have been accurately tested on arrival, during storage and while being processed in the workshop for damage, wear or malfunctioning.

**The following should be remembered at all times:**

- 1) Do not use or service the machine before reading and clearly understanding this Manual and the attached Data Sheet in all their parts.**
- 2) In particular, take all the precautions listed in section A - Safety prescriptions and information.**
- 3) Never use the machine under different conditions or for a different purpose than stated in the manual. OMER spa cannot be held responsible for faults, breakdowns or damage due to failure to observe these rules.**

### Section A

#### General information for a safe use of the stapler

##### A.1 - Working conditions as prescribed by the manufacturer

The stapler must be well fixed onto a working surface. A compressed air supply system corresponding to the requisites described in section B of this manual must be used. The working pressure must be the one mentioned under TECHNICAL DATA of this manual. The stapler has been designed for clinching metal fasteners on soft materials (paper, cardboard, PVC, plywood, etc.) and it cannot be used on other hard materials such as cement, metals, tiles, etc.). It is always necessary to take all precautions to reduce risks of injury to the operator or to other persons in the working area:

- protect your eyes from dust or danger represented by metal fasteners by using approved safety glasses;
- avoid ear injuries by using head sets.

##### A.2 - Safety measures

- Never forget that the stapler can be dangerous, so never play about with it.
- Do not press the control trigger when connecting the nailing machine to the compressed air supply.
- Do not remove, lock or misuse the safety catch in any way.
- Do not allow children or unskilled persons to handle the gun.
- Never connect the tacker to other power sources than compressed air. High-pressure gas (propane, acetylene, oxygen, etc.) is highly dangerous and may cause the gun to explode.
- Never use the stapler on any other purpose than the one it was meant for.
- Never use the tool next to volatile flammable material such as petrol, solvents, paints or gas.
- Never supply air to the tacker at a different pressure than indicated in the table on the Data Sheet.
- Never drive staples or nails on top of earlier ones.
- Do not staple too close to the edge of the object: dangerous chips might fly off.
- Do not replace the original service coupling with others which might retain compressed air within the gun after it has been disconnected from the air.

##### A.3 - Disconnection from the supply

The machine must be disconnected from the compressed air supply system when:

- the machine is not in use.
- you must leave your working area unguarded, even just for a few minutes.
- the stapler is jammed;
- the stapler needs to undergo servicing or repairs.

## Section B

### Compressed air supply system

#### B.1 Foreword

Peak performance of the staplers and the length of their useful life depend chiefly on the compressed air supply system: a properly sized system built of quality components and subjected to regular maintenance assures the best performance of the connected pneumatic staplers.

#### B.2 - Design of the compressed air system

The system must take into account the following factors:

- ◆ The power of the air compressor must meet requirements both with regard to pressure and to the air flow supplied. It should be remembered that a pressure drop takes place along the line due to load losses through chokes, outlets, etc.;
- ◆ the main service line must be of adequate size to cope with the type and number of users connected. Whenever possible, avoid using chokes, elbows or any other means to break the flow which might contribute to pressure drops along the line. The latter must be slightly inclined to drain off any condensation which unavoidably forms;
- ◆ the branch pipe with cock and steam trap must be shaped in such a way as to hinder the passage of condensation from the service line;
- ◆ the regulator unit with cock consists of a combination of filter-steam trap, a pressure regulator with pressure gauge and a microspray lubricator;

**NOTE: To execute the connection to the compressed air mains, so-called quick-connect couplers are used, in which the male adapter must be mounted on the stapler in such a way that no compressed air remains in it after it has been disconnected from the mains.**

#### B.3 - Servicing

Check regularly the pressure regulator unit and the oil pressure level in the lubricator for proper operation; if necessary, top up with oil for pneumatic tools. Proper tacker operation largely depends on moving parts being constantly lubricated, which only the microspray lubricator can assure. Drain off the condensation regularly (daily) from the lines and the filter-trap, since it damages the tacker. Clean the regulator unit filter weekly.

## Section C

### Information on the use of the stapler

#### C.1 - Tacker performance

It is important that the machine be used only for the purpose for which it was designed and that it not be tampered with in any way. Before starting to use it, always make sure there is no air leakage, that all parts work properly and especially that the safety system is perfectly efficient. Also make sure that the machine is clean and lubricated.

#### C.2 - Working pressure

The tacker must always be supplied at a pressure within the range indicated on the Data Sheet table. A higher pressure than the one suggested by the manufacturer increases the stress to which it is subjected and therefore the wear of some of the components. If on the other hand the pressure used is lower than shown on the table, proper performance cannot be assured. For proper performance and long life, the working pressure of the gun must always be the lowest possible required to assure full penetration of the staple or of the nail; therefore, if after shooting the fastener has not penetrated completely, increase the pressure by 0.5 bar at a time, checking the effect. If the penetration is excessive, reduce the pressure by 0.5 bar at a time until the required degree of penetration is achieved. It is strictly forbidden to supply the gun with high-pressure gas such as oxygen, carbon anhydride or other bottled gases: the gun might explode and cause serious damage and injury.

#### C.3 - Trigger and safety catch

These are highly important parts from a safety point of view and must therefore always be perfectly efficient. The safety catch must never be tampered with, removed or blocked in such a way as to void the purpose for which it was designed.

#### C.4 - Loading the tool

It is a safe practice to disconnect the gun from the compressed air line before loading it to rule out any cause for accidents. If the gun is not disconnected from the mains, take the utmost care in handling it since this may cause highly dangerous accidental shooting.

#### C.5 - Jam-clearing

If the gun jams, Disconnect the gun from the compressed air line and unload the magazine, clean the head, the magazine and any other parts connected with it. If jamming occurs too often, consult a specialized service centre.

**NOTE: In order to avoid jamming, breakage or early wear, only use staples or nails of the type indicated for each model. OMER staples and nails are of a size and quality that make them ideal for staplers and therefore assure top performance at all times and long life. OMER spa does not answer for damage to the gun due to the use of staples or nails of types not suitable for the model.**

## **Section D**

### **Information regarding maintenance and repair**

#### **D.1 - Maintenance instructions**

In order to assure the safety and reliability of OMER guns, maintenance and repairs must be carried out by skilled persons and OMER original spare parts must always be used. If you notice any irregularities in the operation of the machine, stop work at once, disconnect it straight away from the compressed air supply and unload the magazine. Do not reconnect the machine to the compressed air line before it is in a perfect state of repair.

#### **D.2 - Routine servicing**

Before connecting the gun to the compressed air system, always check that the trigger and safety catch are perfectly efficient. Never use the machine unless these safety arrangements work to perfection.

If a microspray lubricator on line with the system is not available, add a few drops of special oil for pneumatic tools through the air supply coupling. Never use gasoline, kerosene or detergent oils.

Before starting to work, check the gun for perfect tightness to pressure. If any leakage is noticed, the machine must be checked thoroughly before use.

Every day, after completing work, clean out the magazine with an air jet, all moving parts and any points in the gun where dirt may settle. Do not clean the gun with solvents, as this might damage the paint and some internal parts; do not submerge it in water or other liquids.

#### **D.3 - Inspections and repairs**

Inspect the inside of the gun regularly to check the state of repair of parts subject to wear.

To do so, unscrew the head screws with the hex spanner supplied, open the gun and remove the different components.

Check carefully the state of wear of the O-rings and of the rubber parts. Replace the worn parts with OMER original spare parts. Lubricate the O-rings and moving parts with a fine film of special grease for pneumatic tools. Wash the bronze silencer - if provided - by dipping it into a solvent for a few minutes and then blasting it dry with a jet of compressed air.

Check the state of the shock absorber: if it shows signs of wear or failure, it needs replacing. This is very important for the safety of the gun and therefore for operator protection as well. Finally check the state of wear of the end of the back plate. If it is replaced and is of the threaded type, screw the replacement onto the piston using a medium strong thread braking liquid.

On some models there is a servovalve inside the head, fitted in its seat; if you need to remove it, check the position of the reference notches cut in the brass bush and the head. When you put back the servovalve bush, make sure that its notch is aligned with the one grooved into the head. Never wash the O-rings and other rubber parts with solvents, gasoline, kerosene, etc.

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# UK Declaration of conformity

Conformity to Supply of Machinery (Safety) Regulation 2008

OMER spa, registered office in Via Foresto, 42 - 31058 SUSEGANA (TV) ITALY, declares under its own responsibility that the pneumatic stapler described in this manual, the cover of which shows the model, serial number and year of construction, complies with the essential safety requirements included in Regulation 2008 No. 1597 and meets the provisions of designated standard BS EN ISO 11148-13: 2018. Person authorized to compile the technical file: Pietro Rossetto Via Rossini, 10 Susegana (TV).

Susegana 09-01-2023

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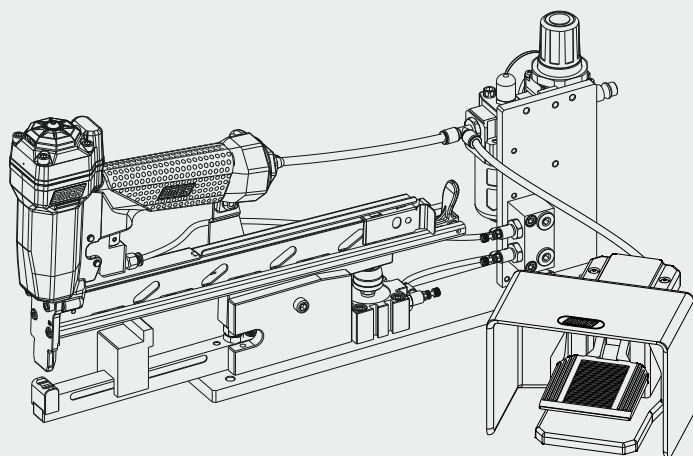
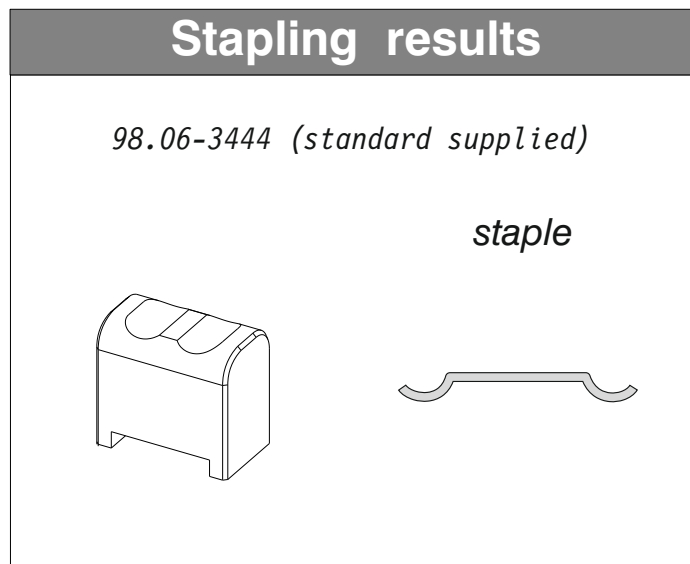
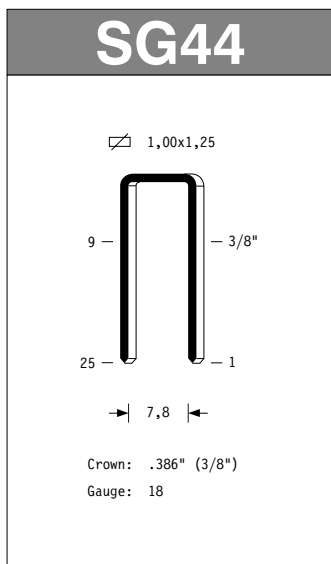
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## **WARRANTY**

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Suitable staple series :

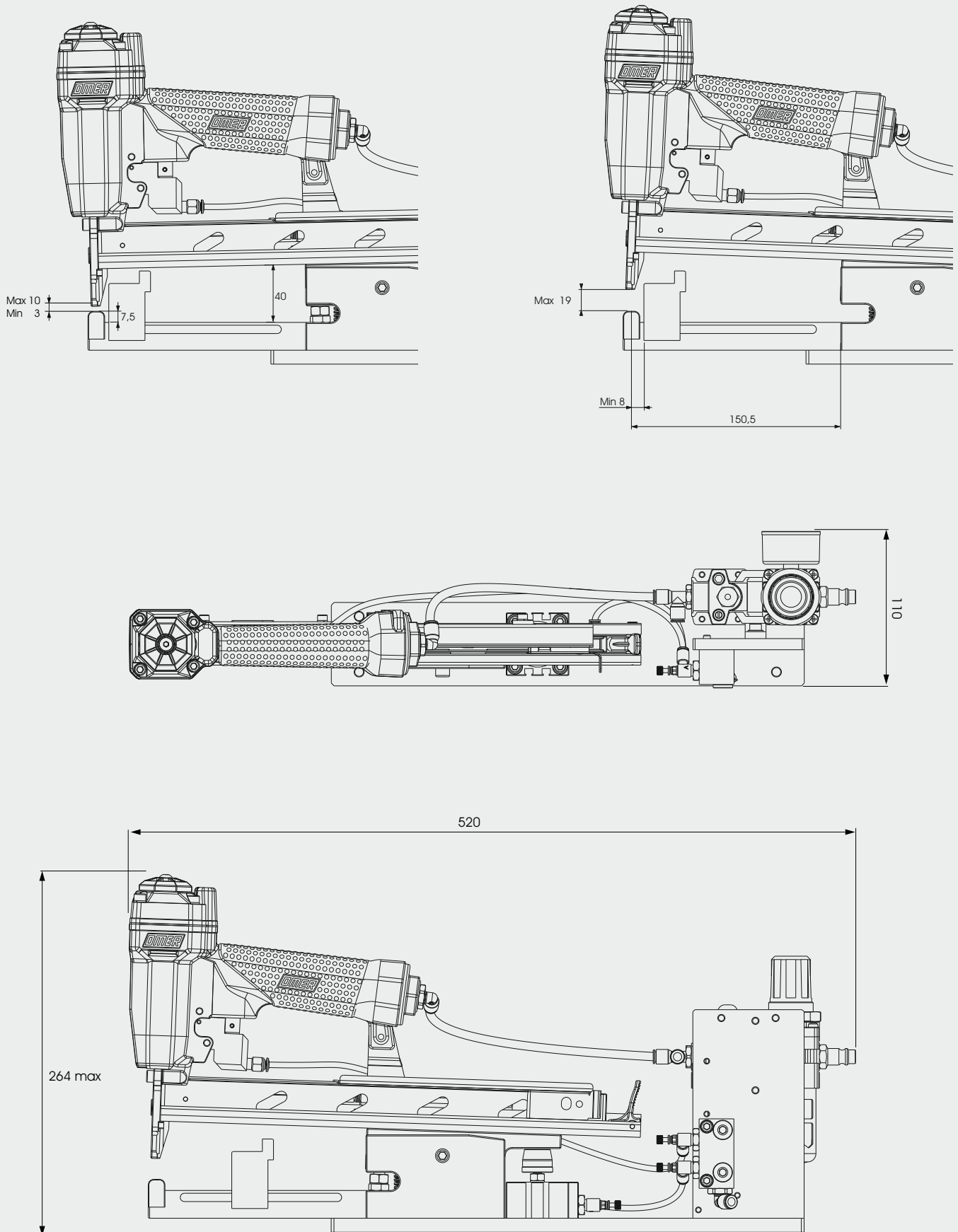


<b>Usable lengths mm</b>	<b>12 ÷ 25</b>
Usable lengths inch	1/2" ÷ 1"
<b>Magazine capacity No. of fasteners</b>	<b>280</b>
<b>Working pressure bar</b>	<b>5,5 ÷ 6,5</b>
Working pressure psi	80 ÷ 95
<b>Air consumption litres/shot</b>	<b>0,78</b>
Air consumption ft <sup>3</sup> /shot	0,0247
<b>Weight kg</b>	<b>7,32</b>
Weight lbs	16,14
<b>Sound pressure at the workstation</b>	<b>80,1 dB(A)</b>
<b>Emitted sound power</b>	<b>86,9 dB(A)</b>

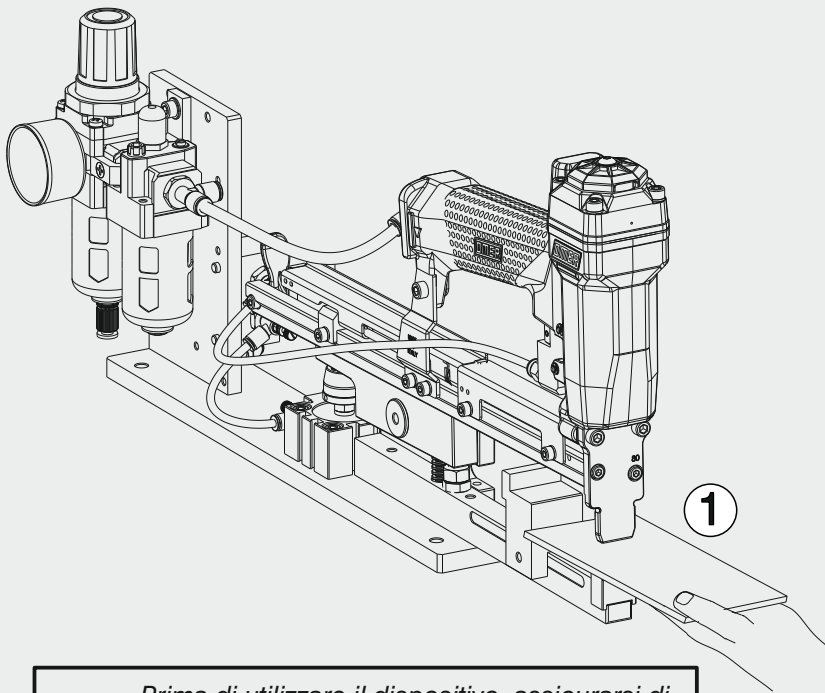


# Dati tecnici

\*Tutte le misure sono espresse in mm

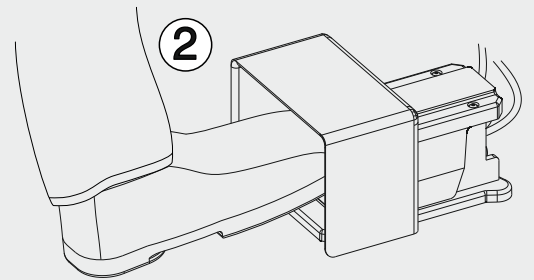


## Modalità di funzionamento



### Funzionamento :

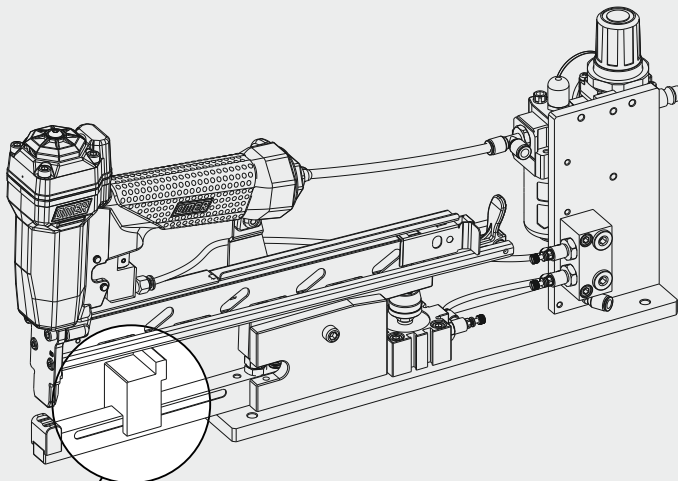
- 1 - Inserire il materiale da fissare andando in appoggio sul distanziale.
- 2 - Premere il pedale per azionare la graffatrice.



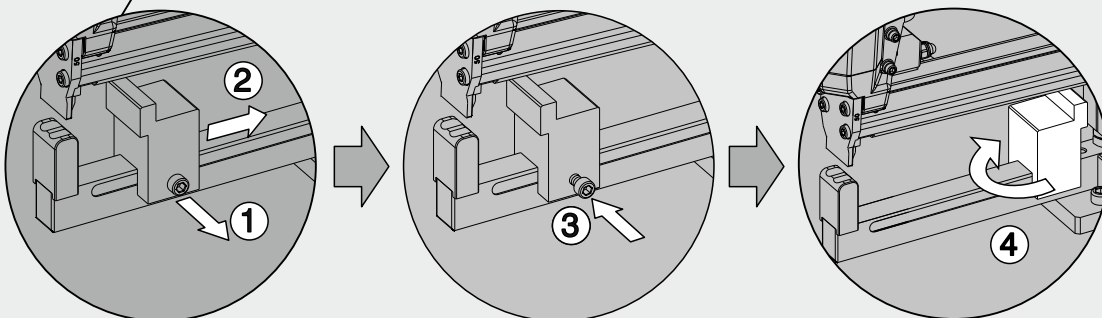
Prima di utilizzare il dispositivo, assicurarsi di aver effettuato tutte le regolazioni necessarie per un uso corretto e sicuro.

## Regolazione posizione di aggraffaggio

La posizione di aggraffaggio viene determinata regolando il distanziale come indicato:

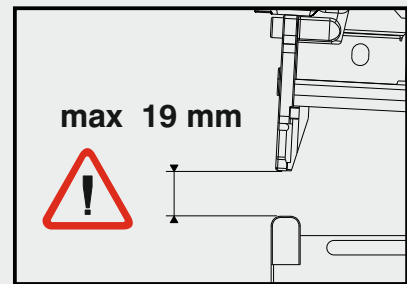
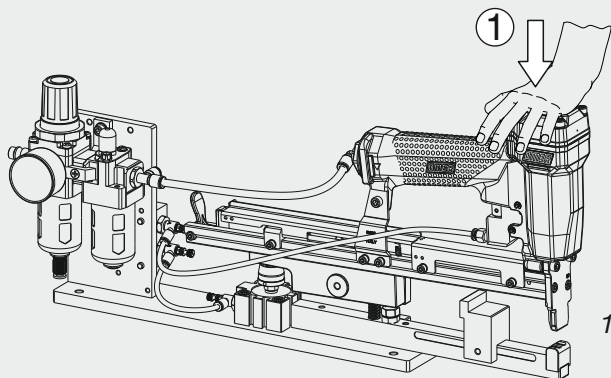


- 1 - Allentare la vite.
- 2 - Far scorrere il distanziale sulla guida fino alla posizione desiderata.
- 3 - Richiudere le vite.
- 4 - Se necessario invertire il distanziale per fissaggi alla distanza massima.




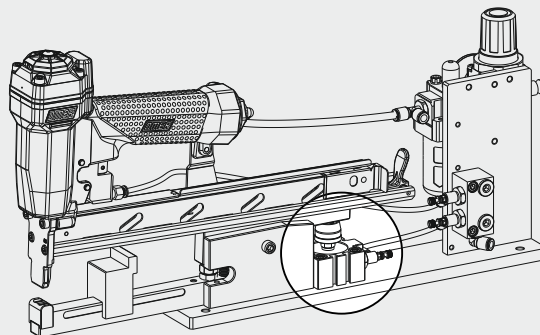
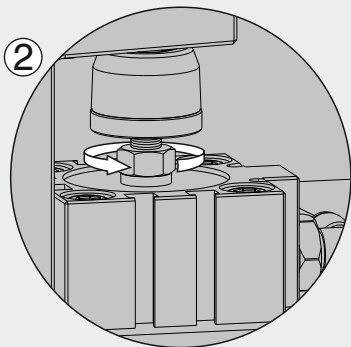
# Regolazione apertura

La regolazione dell'apertura va eseguita per consentire un facile inserimento del materiale da fissare.

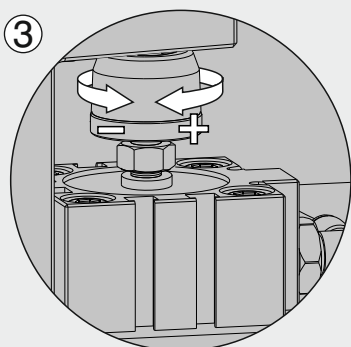


1 - Premere e mantenere premuta la testa della chiodatrice così da avere libero accesso al cilindro pneumatico ed all'ammortizzatore


 Scollegare l'aria prima di eseguire la regolazione

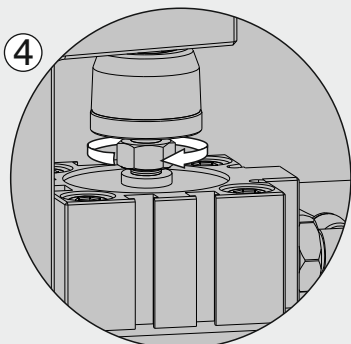


2 - Allentare il dado.



3 - Avvitare/svitare l'ammortizzatore per aumentare/diminuire l'apertura


 Per motivi di sicurezza è importante che l'apertura sia poco maggiore dello spessore del materiale da fissare.

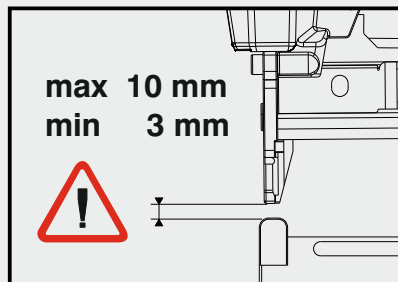
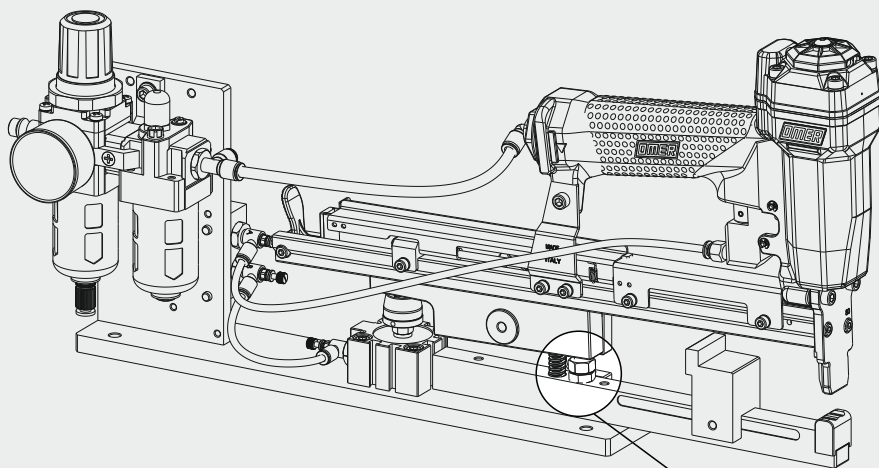


4 - Richiudere il dado,

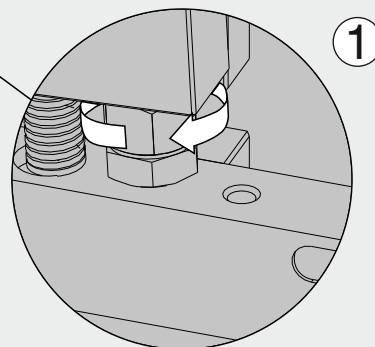
# Regolazione chiusura

Per non schiacciare eccessivamente il materiale da fissare è possibile regolare la chiusura di ribaditura agendo sulla vite finecorsa.

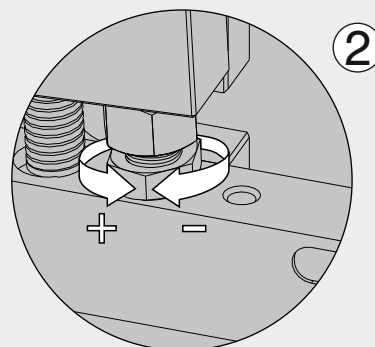
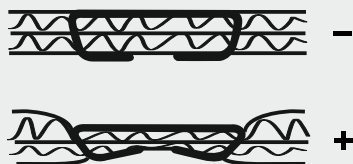
 Scollegare l'aria prima di eseguire la regolazione



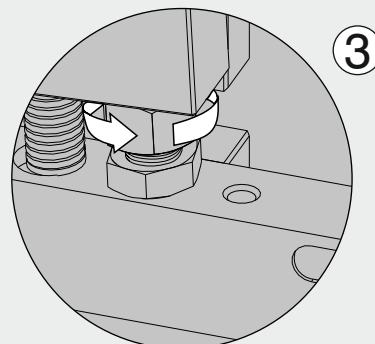
1 - Allentare il dado che blocca la vite finecorsa



2 - Avvitare o svitare la vite finecorsa per regolare la chiusura del punto



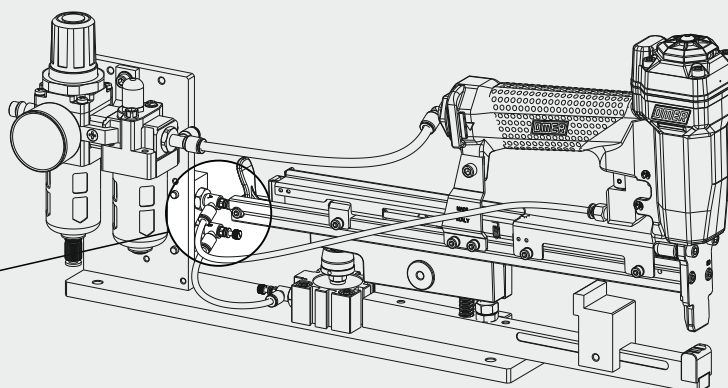
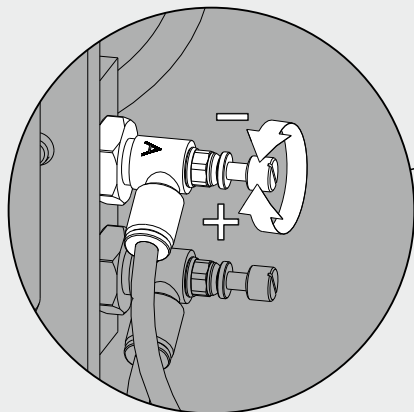
3 - Richiudere il dado di blocco



## Regolazione ritardo di sparo

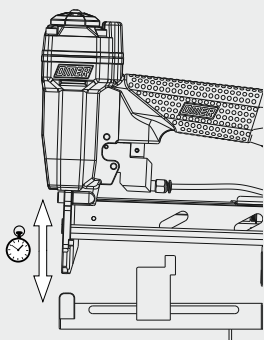
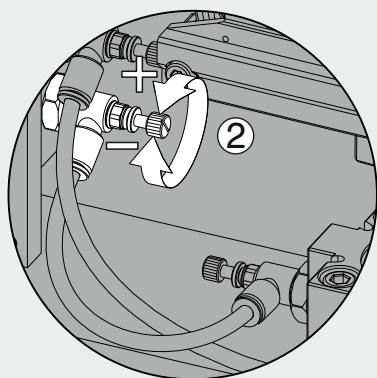
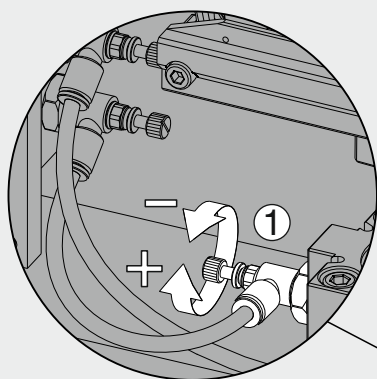
La regolazione dello sparo è necessaria quando si lavora con l'apertura in posizioni massime e si deve dare il tempo alla graffatrice di bloccare il materiale da fissare prima di sparare.

- + Ritardo sparo
- Anticipo sparo

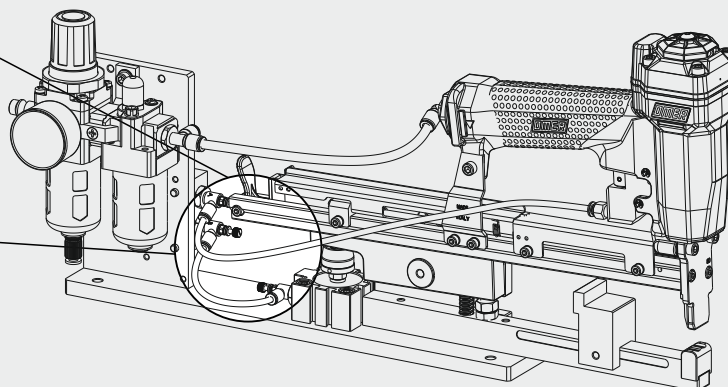


## Regolazione velocità di chiusura/apertura

Questa regolazione permette di impostare un'adeguata velocità di lavoro. L'eccesso di velocità provoca movimenti troppo bruschi della graffatrice che possono causare un anticipato deterioramento.



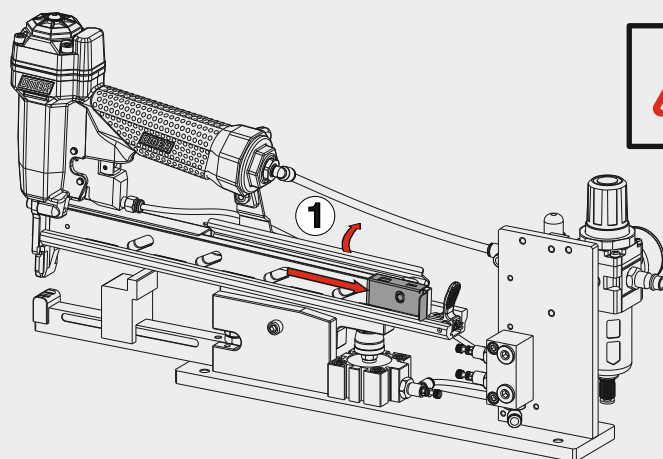
- ① + Aumenta la velocità di chiusura
- ① - Diminuisce la velocità di chiusura
- ② + Aumenta la velocità di apertura
- ② - Diminuisce la velocità di apertura



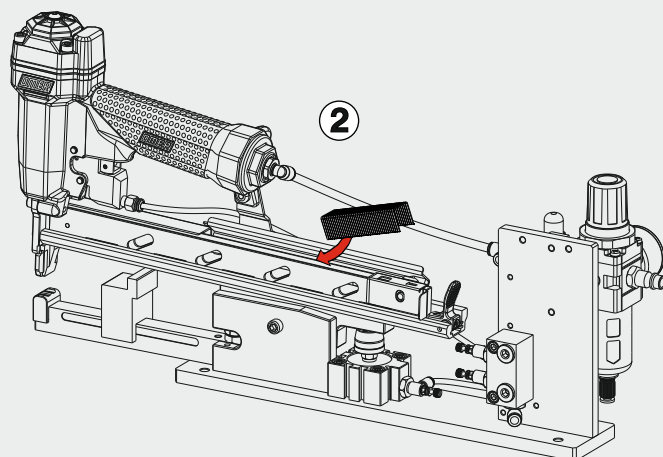
# Caricamento



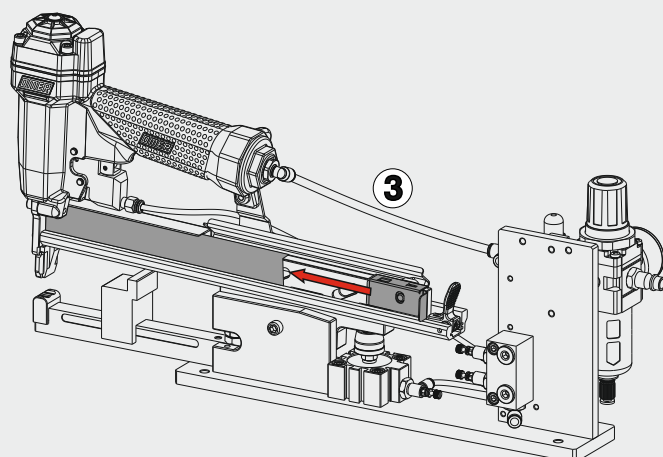
*Durante il caricamento NON premere il pedale*



*1 - Arretrare e agganciare lo spingipunto al finecorsa, questo farà aprire il carter mobile*



*2 - Inserire le graffe*

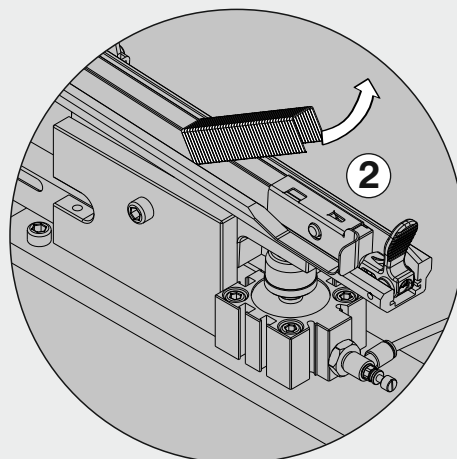
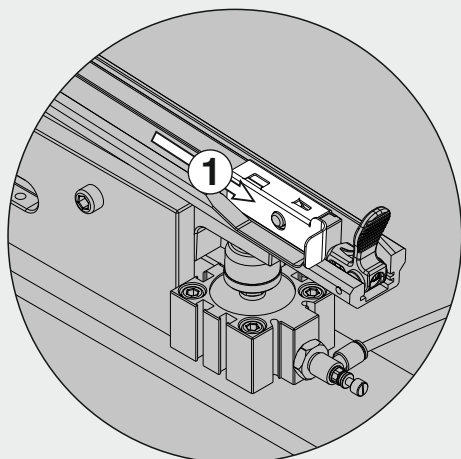


*3 - Sganciare e rilasciare lo spingipunto*



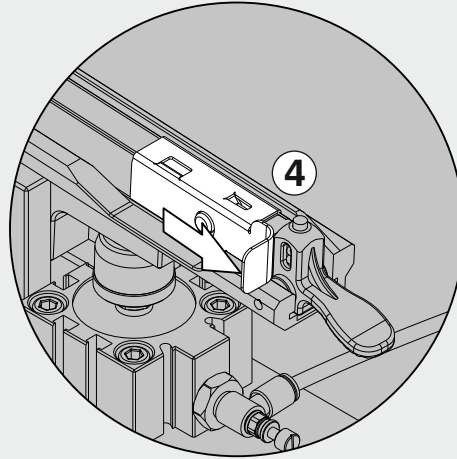
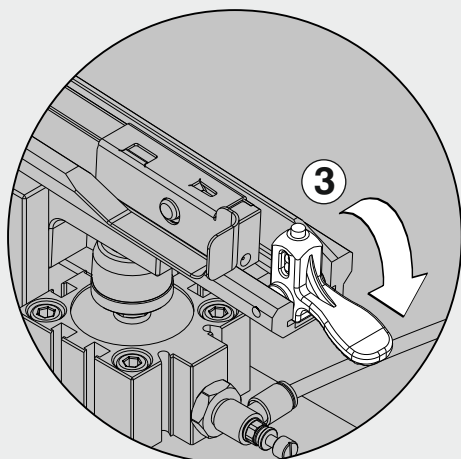
## Disinceppamento

*In caso di inceppamento procedere come indicato:*



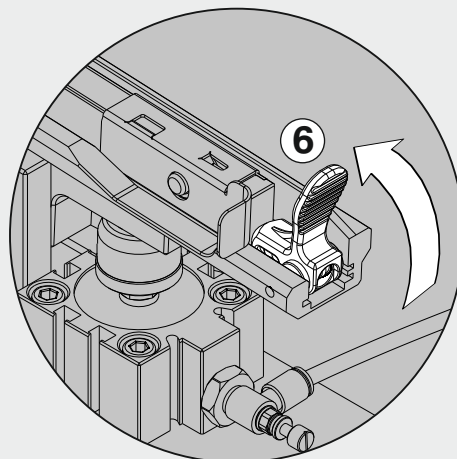
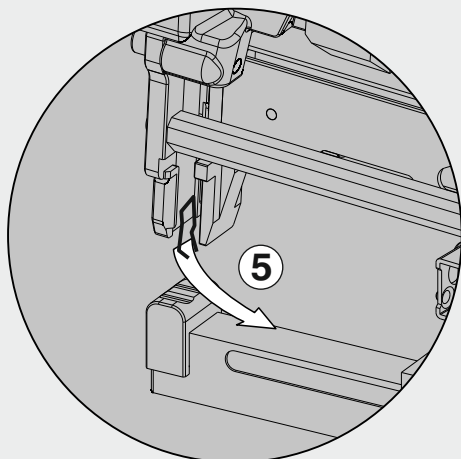
1 - *Arretrare e agganciare lo spingipunto*

2 - *Rimuovere le graffe dal caricatore.*



3 - *Aprire il grilletto chiusura.*

4 - *Arretrare il carrello agendo sullo spingipunto e mantenerlo in posizione arretrata.*



5 - *Estrarre la graffa inceppata dal canale di sparo.*

6 - *Rilasciare il carrello e chiudere il grilletto chiusura.*

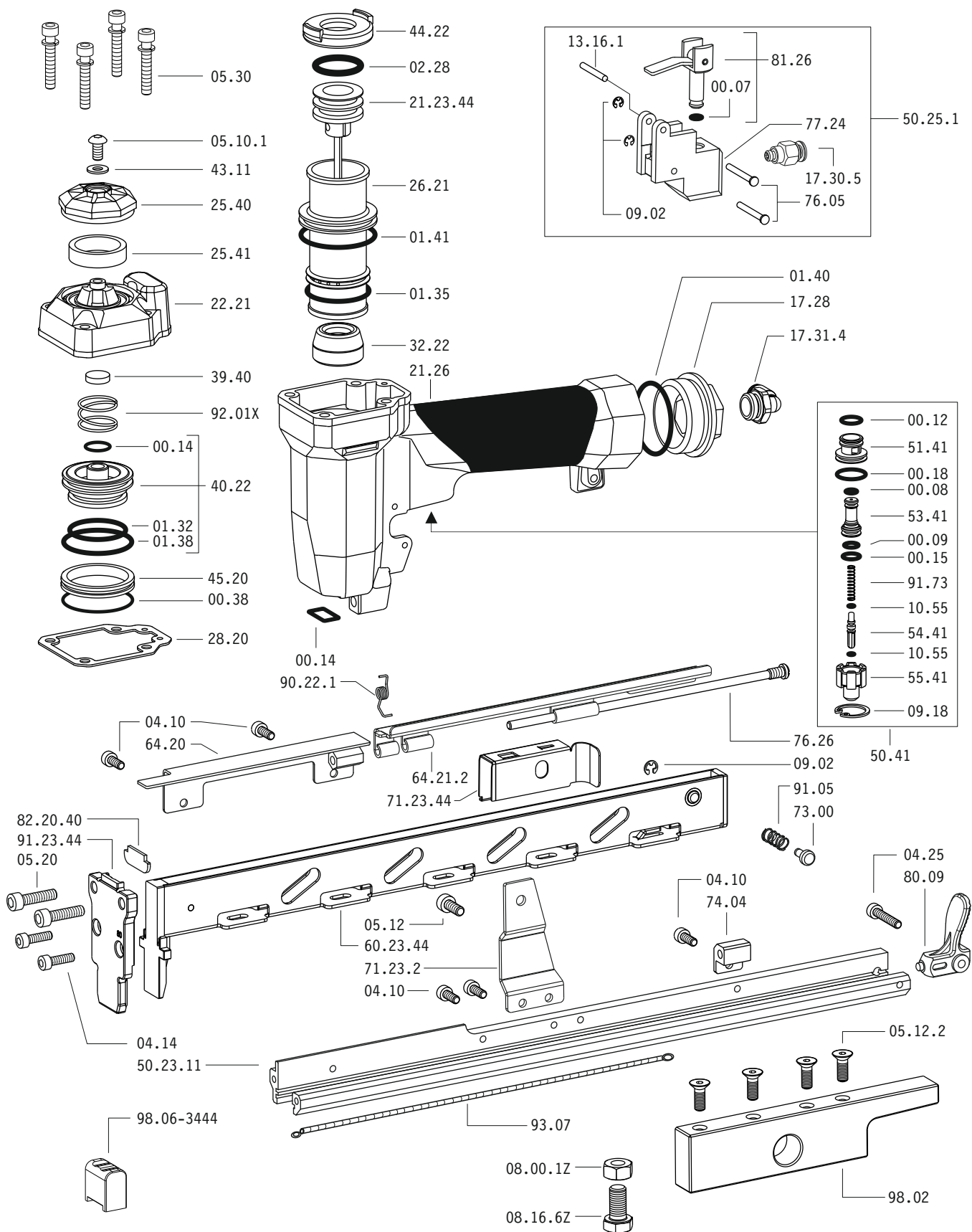
7 - *Eeguire le operazioni di caricamento*





# **Parti di ricambio**

# Parti di ricambio



**SG44.25 ROC-C-3444**

cod. 22378ROC-C34

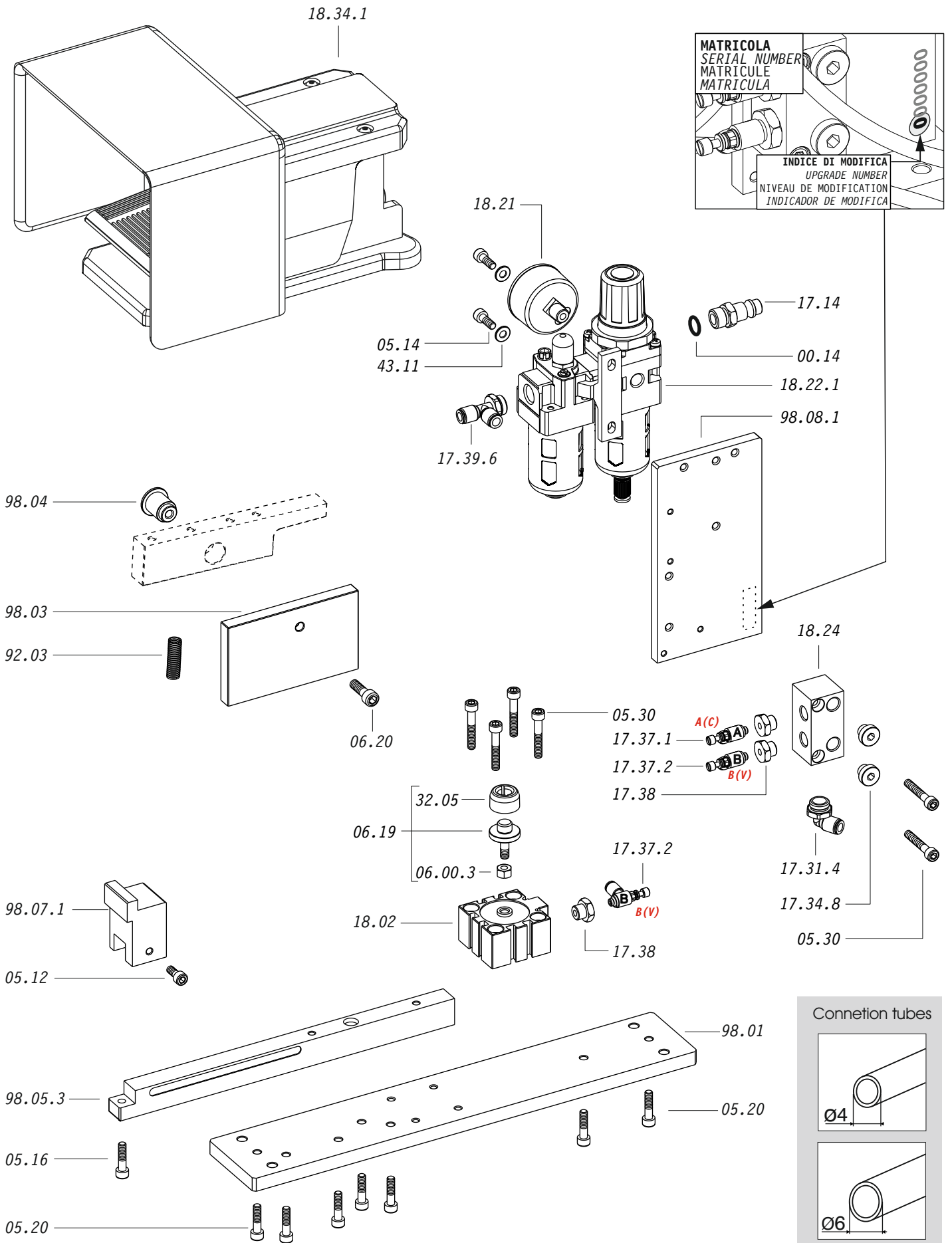
**SG44.25 ROP-3444**

cod. 12378ROP-3444

Indice di  
modifica

**3**

# Parti di ricambio



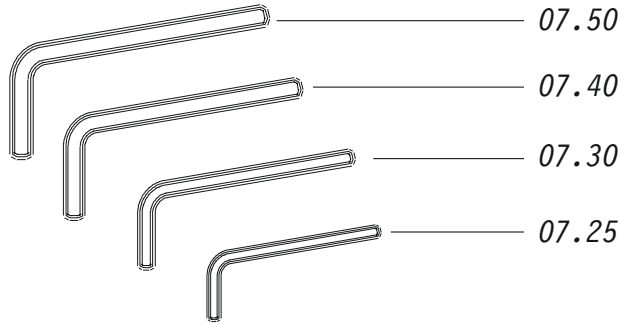
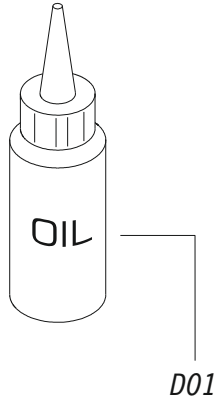
**SG44.25 ROP-3444**

cod. 12378ROP-3444

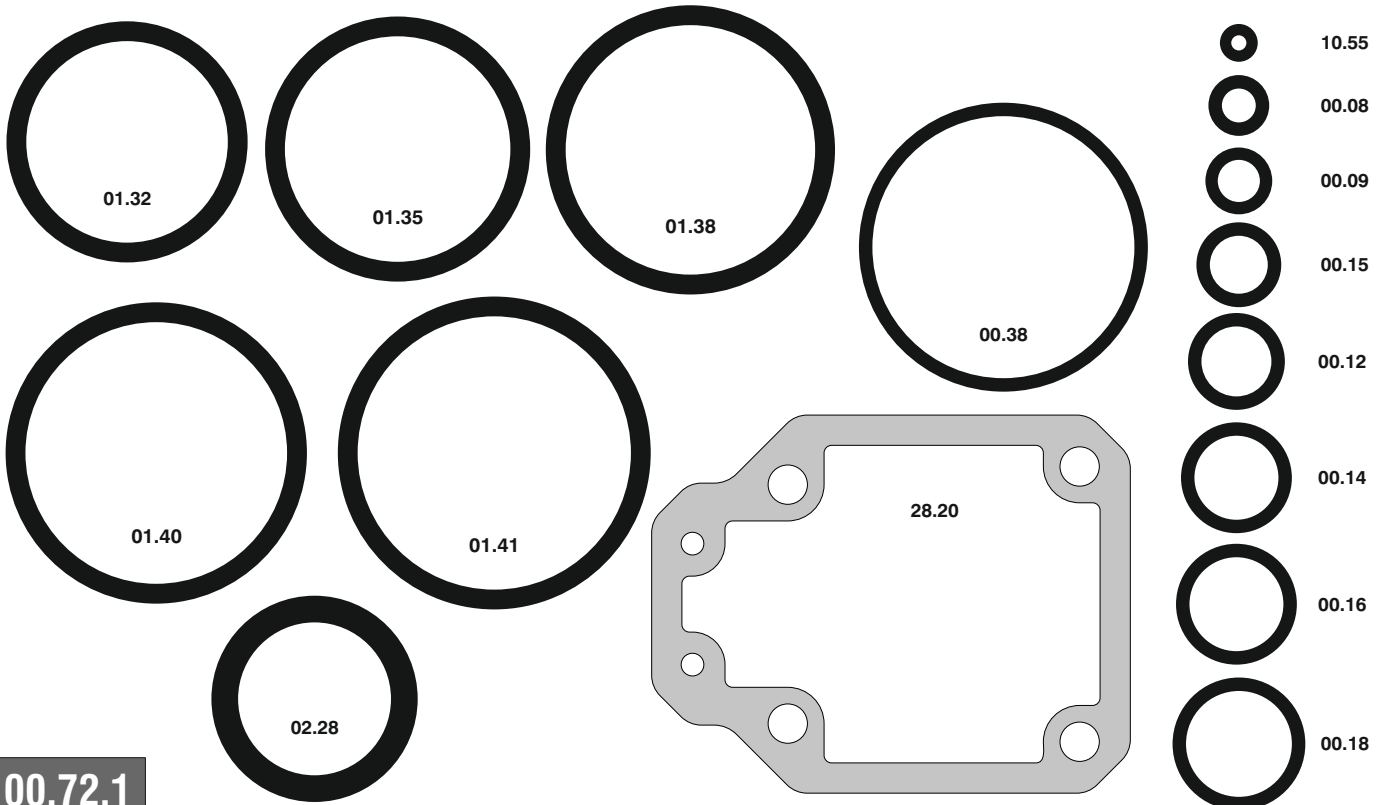
Indice di  
Modifica

**3**

# Accessori



# O-Ring



00.72.1

SG44.25 ROP-3444

cod. 12378ROP-3444

Indice di  
modifica

3

# Legenda parti di ricambio

Cod.	Descrizione	Description	Cod.	Descrizione	Description
00.07	O-Ring	O-Ring	21.26	Corpo	Body
00.08	O-Ring	O-Ring	22.21	Testa	Head
00.09	O-Ring	O-Ring	25.40	Deflettore	Exhaust deflector
00.12	O-Ring	O-Ring	25.41	Silenziatore	Silencer
00.14	O-Ring	O-Ring	26.21	Cilindro	Cylinder
00.15	O-Ring	O-Ring	28.20	Guarnizione testa	Head gasket
00.18	O-Ring	O-Ring	32.05	Ammortizzatore	Bumper
00.38	O-Ring	O-Ring	32.22	Ammortizzatore	Bumper
01.32	O-Ring	O-Ring	39.40	Guarnizione scarico	Exhaust seal
01.35	O-Ring	O-Ring	40.22	Valvola completa	Valve ass'y
01.38	O-Ring	O-Ring	43.11	Rondella	Washer
01.40	O-Ring	O-Ring	44.22	Guarnizione	Gasket
01.41	O-Ring	O-Ring	45.20	Anello valvola	Ring
02.28	O-Ring	O-Ring	50.25.1	Comando a distanza	Remote control
04.10	Vite	Screw	50.41	Pulsante completo	Trigger valve ass'y
04.14	Vite	Screw	51.41	Boccola pulsante	Trigger valve housing
04.25	Vite	Screw	53.41	Pistone servovalvola	Valve piston
05.10.1	Vite	Screw	54.41	Pulsante	Trigger valve
05.12	Vite	Screw	55.41	Raccordo pulsante	Bush
05.12.2	Vite	Screw	64.20	Carter	Hold Down
05.16	Vite	Screw	64.21.2	Carter Mobile	Movable Hold Down
05.20	Vite	Screw	71.23.2	Reggicaricatore	Support
05.30	Vite	Screw	73.00	Perno	Pin
06.00.3	Dado	Nut	74.04	Staffa	Stirrup
06.19	Gruppo ammortizzatore	Bumper ass'y	76.05	Perno	Pin
06.20	Vite	Screw	76.26	Perno carter	Pin
07.25	Chiave esagonale	Hex. bar wrench	77.24	Guida	Guide
07.30	Chiave esagonale	Hex. bar wrench	80.09	Grilletto chiusura	Trigger
07.40	Chiave esagonale	Hex. bar wrench	81.26	Pistoncino	Piston
08.00.1Z	Dado	Nut	90.22.1	Molla	Spring
08.16.6Z	Vite	Screw	91.05	Molla	Spring
09.02	Anello elastico	Elastic ring	91.73	Molla	Spring
09.18	Anello elastico	Elastic ring	92.03	Molla	Spring
10.55	O-Ring	O-Ring	92.01X	Molla	Spring
13.16.1	Spina	Pin	93.07	Molla	Spring
17.14	Attacco Rapido	Air Plug	98.01	Piasta Base	Base Plate
17.28	Tappo	Inlet cap	98.02	Cerniera	Hinge
17.30.5	Racc. "D" 4 - M5	Conn. "Straight" 4 - M5	98.03	Supporto	Support
17.31.4	Racc. "L" 6 - G1/4	Conn. "Elbow" 6 - G1/4	98.04	Perno	Pin
17.34.8	Tappo	Cap	98.05.3	Traversa	Staff
17.37.1	Regolatore (A)(C)	Regulator (A)(C)	98.06-3444	Incudine	Anvil
17.37.2	Regolatore (B)(V)	Regulator (B)(V)	98.08.1	Supporto	Support
17.38	Riduzione	Reduction	21.23.44	Battente	Driver
18.21	Manometro	Manometer	50.23.11	Caricatore	Magazine
18.22.1	Filtro riduttore lub.	Reducer group	60.23.44	Carrello	Slider
18.02	Cilindro Pneumatico	Pneumatic Cylinder	71.23.44	Spingipunto	Pusher
18.24	Distributore	Distributor	82.20.40	Controtestina	Nose
18.34.1	Pedale	Pneumatic Pedal	91.23.44	Testina	Nose plate
			D01	Bocchetta olio	Oiler

# Schema pneumatico

