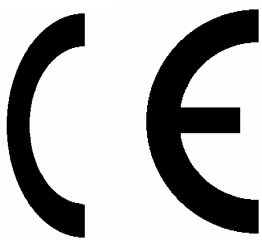




Hydraulic Air Riveter

Recommend for mass production line industrial area

Operation Manual



RC197ABC

RC198ABC

CONTENTS

- 1 Important Safety Rules**
- 2 Tool Specification**
 - 2.1 Nomenclature
 - 2.2 Technical Data
- 3 Range of Fasteners**
- 4 Preparation before Use**
- 5 Operating the Air Riveter**
- 6 Maintenance**
 - 6.1 Daily maintenance
 - 6.2 Weekly maintenance
 - 6.3 Moly Lithium Grease EP 3735 Safety Data
 - 6.4 Annually maintenance
 - 6.5 Jaw maintenance
 - 6.6 Cleaning and filling the cylinder
 - 6.7 Cleaning the Spool
 - 6.8 Adding Oil
 - 6.9 Storage
 - 6.10 Hydraulic oil requirements
- 7 Fault Diagnosis**
- 8 RC197ABC Parts Explosion**
- 9 RC197ABC Parts Description**
- 10 RC198ABC Parts Explosion**
- 11 RC198ABC Parts Description**
- 12 RC197ABC CE**
- 13 RC198ABC CE**

1 IMPORTANT SAFETY RULES

1.1 The meaning for the symbol as below

Be sure to read the following Important Safety Rules carefully and make sure that you understand them thoroughly before installing, operating or maintaining this tool.

The operator and others in the vicinity has to wear eye-protection at all times during use. Due to rivet mandrel may eject out when the rivets are cut and can cause serious injury.

This is the safety alert symbol. It is used to alert potential personal injury hazards. Obey all safety messages that follow this symbol to avoid possible injury or death.

1.2 Safety rules (Air riveter with vacuum system at here we call “the tool”)

- 1.2.1 The tool must be maintained in a safe working condition at all times and examined at regular intervals for damage and function by trained competent personnel. Any dismantling procedure shall be undertaken only by personnel trained in RODAC procedures. Do not dismantle the tool without prior reference to maintenance instructions. Please contact RODAC with your training requirements.
- 1.2.2 Check all the tool parts are free from damage before use. Any damaged parts should be repaired before the tool is used.
- 1.2.3 Make sure that the tool and the air source are connected securely. If the threads of the joints do not match or if the screws are not inserted far enough, the air hose may become disconnected during use and injury may result.
- 1.2.4 The tool shall at all times be operated in accordance with relevant Health and Safety legislation. Any question regarding the correct operation of the tool and operator safety should be directed to RODAC system.
- 1.2.5 The precautions to be observed when using the tool must be explained by the customer to all operators.
- 1.2.6 Always disconnect the airline form the tool inlet before attempting to adjust, fit or remove a nose assembly.
- 1.2.7 Do not operate the tool directed towards any person or operator.
- 1.2.8 Always adopt a firm footing or a stable position before operating the tool.
- 1.2.9 Ensure that vent holes do not become blocked or covered.
- 1.2.10 The air pressure should be kept within 7 bar. If air pressure over 7 bar, the tool may become damaged, and injury or damage to property may result.

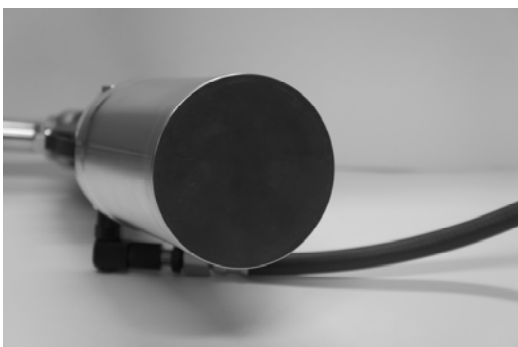
- 1.2.11 Do not operate the tool if it is not fitted with a complete nose assembly.
- 1.2.12 Care shall be taken to ensure that spent stems are not allowed to create a hazard.
- 1.2.13 The stem collector must be emptied before use. When half full, it must be emptied immediately.
- 1.2.14 We recommend wearing gloves if there are sharp edges or corners during the application.
- 1.2.15 When carrying the tool from place to place, keep hands away from the trigger to avoid inadvertent start up.
- 1.2.16 Excessive contact with hydraulic fluid oil should be avoided. To minimize the possibility of rashes, care should be taken to wash thoroughly.
- 1.2.17 Never looking into the nosepiece of the tool, and never point the nosepiece toward other persons. If the tool is used while the rivet stems are still inside the tool not being ejected, these stems may be ejected from the tool's nosepiece during use and cause serious injury.
- 1.2.18 Turn off the air supply before disconnecting the tool from the air source. Because the compressed air may cause the air hose to whip around and injury may result.
- 1.2.19 If using in elevated locations, use a safety harness, and take care to avoid dropping rivets or the tool itself.

FEATURES DESCRIPTION



2 TOOL SPECIFICATION

2.1 Nomenclature



2.2 Technical Data

| Model No. | RC197ABC | RC198ABC | Not available at the moment |
|---------------------|--|--------------------------|-----------------------------|
| Air pressure | 5~7 bar, 72.5~101.5 PSI, 5.1~7.1 kgf/cm ² | | |
| Tool Stroke (mm) | 18 mm | 21 mm | 26 mm |
| Pull force at 6 bar | 8.0 KN | 10.9 KN | 12.0 KN |
| Noise level dB(A) | 81 dB | 81 dB | 81 dB |
| Tool Weight (kg) | 1.50 kgs | 1.65 kgs | 1.75 kgs |
| Tool size (cm) | 31 x 13 x 27 | 32 x 13 x 33 | 32 x 14 x 33 |
| Applicable rivets | 2.4, 3.2, 4.0, 4.8mm | 3.2, 4.0, 4.8, 6.4mm | 3.2, 4.0, 4.8, 6.4mm |
| | 3/32", 1/8", 5/32", 3/16" | 1/8", 5/32", 3/16", 1/4" | 1/8", 5/32", 3/16", 1/4" |

Remarks:

1. Product specification and design are subject to change for improvement without notice.
2. Weight and dimensions given are standard values. Actual products may differ slightly from the values given.
3. Air consumption per minute is equal to required air consumption.

3 RANGE OF FASTENERS

| Fastener Name | RC197ABC | | | |
|---------------|----------|------|-------|-------|
| | 2.4 | 3.2 | 4.0 | 4.8 |
| | 3/32" | 1/8" | 3/32" | 3/16" |
| Open-end | V | V | V | V |
| Sealed | V | V | V | V |
| Multi-grip | V | V | V | |
| Structural | V | V | | |

| Fastener Name | RC198ABC | | | | |
|---------------|----------|------|-------|-------|------|
| | 2.4 | 3.2 | 4.0 | 4.8 | 6.4 |
| | 3/32" | 1/8" | 5/32" | 3/16" | 1/4" |
| Open-end | V | V | V | V | V |
| Sealed | V | V | V | V | V |
| Multi-grip | V | V | V | V | |
| Structural | V | V | V | V | |

4 PREPARATION BEFORE USE

- 4.1 Choose the right size of air valve connector.
- 4.2 Install valve adjustment.
- 4.3 Install the tank unit on the tool.
- 4.4 Set up the compressor, be sure to install an air filter, air regulator and air lubricator between the compressor and the tool. The maximum length of air hose from filter to the tool is 3 meters.
- 4.5 Use the air regulator to adjust the operating air pressure to 0.49~0.69 MPa (5.5~7 kgf/cm², 78~99 psi)
- 4.6 Replace the nosepiece to conform to the size of the rivet being used.

5 OPERATING THE AIR RIVETER

- 5.1 Select a rivet size which is suitable for the work piece to be riveted.
- 5.2 Replace the nosepiece with one which matches the size of the rivet to be used.
- 5.3 Drill a hole of appropriate size (0.1 to 0.2 mm large than the diameter of the rivet) into the work piece.
- 5.4 Turn the air controller about 90 degree in the ON direction to switch on the vacuum system. For saving the air consumption, you can adjust it to suit the size which you use.
- 5.5 Insert the stem (mandrel) of the rivet into the tool's nosepiece. Then gently insert the head of the rivet into the work piece, press the switch.
- 5.6 The rivet will be installed into the work piece.
- 5.7 The tool is equipped with double trigger. Pushing the 1st trigger (lower trigger) will active the vacuum system. Released 2nd trigger (upper trigger) enables pushing a rivet into the tool (the tool is ready for riveting).Pushing the 2nd trigger will fix the rivet. Then release the vacuum system will be close or stop.
- 5.8 Once the tank unit is about half full, take the tank off form the tool by rotate it, then empty out the cut stem (mandrel) from inside the tank unit. It is strongly recommended to dispose of the spent stem (mandrel) as soon the stem (mandrel) collection tank becomes half filled. Failure to do so, jamming of the spent stem (mandrel) inside the guide pipe will occur and the vacuum will cease to function, resulting in a back flow of air from the nosepiece.

6 MAINTENANCE

Read safety instructions before any operation.

The employer is responsible for ensuring that tool maintenance instructions are given to the

appropriate personnel.

The operator should not be involved in maintenance or repair of the tool unless properly trained.

The tool shall be examined regularly for damage and malfunction.

After long periods of use, debris from rivet stem (mandrels) and other foreign materials tend to build up in various parts of the tool, and the hydraulic oil level may drop, both of which can lead to operating problems. The tool should be cleaned periodically.

6.1 Daily maintenance

6.1.1 Daily, before use or when first putting the tool into service, pour a few drops of clean, light lubrication oil into the air inlet of the tool if no lubricator is fitted on air supply. If the tool is in continuous use, the air hose should be disconnected from the main air supply and the tool lubricated every two to three hours.

6.1.2 Check for air leaks. If damaged, hose and couplings should be replaced.

6.1.3 If there is no fitter on the pressure regulator, bleed the air line to clear it of accumulated dirt or water before connecting the air hose to the tool. If there is a fitter, drain it.

6.1.4 Check that the nose assembly is correct to the fastener to be placed.

6.1.5 Check the stroke of the tool meets the minimum specification. RC197A is 16mm, RC198A is 18mm

6.1.6 Ensure that rotary valve is correctly adjusted for fastener retention.

6.2 Weekly maintenance

6.2.1 Dismantle and clean the nose assembly with special attention to the jaws. Lubricate with Moly Lithium grease before assembling.

6.2.2 Check for oil leaks and air leaks in the air supply hose and fittings.

6.3 Moly lithium grease EP 3735 safety data

Grease can be ordered as a single item, the part number is shown in the service kit page.

6.3.1 First Aid

6.3.1.1 **Skin:** As the grease is completely water resistant is best removed with an approved emulsify skin cleaner.

6.3.1.2 **Ingestion:** Ensure the individual drinks 30ml milk of Magnesia.

6.3.1.3 **Eyes:** Irritant but not harmful, Irrigate with water and seek medical attention.

6.3.1.4 **Fire:** Flash point is above 220°C, not classified as flammable, suitable extinguishing media: CO₂, Halon or water spray if applied by an experienced operator.

6.3.1.5 **Environment:** Scrape up for burning or disposal on approved site.

6.3.1.6 **Handling:** Use barrier cream or oil resistant gloves.

6.3.1.7 **Storage:** Away from heat and oxidizing agent.

6.4 **Annually maintenance**

Annually or every 500,000 cycle the tool should be completely dismantled and new components should be used where worn, damaged or recommended. All 'O' rings and seals should be renewed and lubricated with Moly Lithium grease EP 3735 before assembling.

6.5 **Jaw maintenance** **Also refer to this section when replacing parts**

6.5.1 Take off the air sourcing connection carefully. The compressed air may cause the air hose to whip around and injury may result.

6.5.2 Use a spanner or similar tool to remove the frame head.

6.5.3 Use a spanner or similar tool to loosen and remove the jaw case. Then remove the jaw pusher spring, jaw pusher and jaws.

6.5.4 Use a brush or similar to clean all parts.

6.5.5 Reassemble by following the disassembly procedure in reverse.

NOTE:

- When re-assembling, be sure to apply a lubricant such as grease to all moving and sliding parts.
- Be careful not to leave out any parts, and tighten all connections securely.
- The jaws are consumable parts, should be replaced periodically.

6.6 **Cleaning the air cylinder**

6.6.1 Take off the air sourcing connection carefully. The compressed air may cause the air hose to whip around and injury may result.

6.6.2 Use a Philips head No. 1 screwdriver to remove six tapping screw from the handle grip.

6.6.3 Fixed the air cylinder and turn the oil cylinder head gently to loose.

6.6.4 Hold the tool upside down and turn the air cylinder off.

6.6.5 Pull the air piston out from the cylinder top. The air piston may remain inside the cylinder cup. If this occurs, remove the air piston from the cylinder cup.

6.6.6 Use a soft rag to clean all parts.

6.6.7 Apply grease to the inside of the cylinder cup, the O-ring and shaft of the air piston.

6.6.8 Put the piston back to the cylinder cup and turning back to the base.

6.6.9 Hold the tool and turn the air cylinder tight.

NOTE:

- Be careful not to allow any debris or other foreign materials get into the cylinder oil or cylinder during disassembly and re-assembly process. If the foreign material build up in the cylinder, it will not operate smoothly and the service life will be reduced.
- The best indicator to replenish hydraulic oil is by performed every 500,000 cycles (or at least once a year)

6.7 Cleaning the spool

- 6.7.1 Take off the air sourcing connection carefully. The compressed air may cause the air hose to whip around and injury may result.
- 6.7.2 Use a flat tip screwdriver to take off the change plug.
- 6.7.3 Use a spanner or similar tool to take of the air connector from the tool.
- 6.7.4 Use a cotton stick to clean inside of the spool hole.
- 6.7.5 Reassemble by following the disassembly procedure in reverse.

6.8 Adding oil

- 6.8.1 Take off the air sourcing connection carefully. The compressed air may cause the air hose to whip around and injury may result.
- 6.8.2 Use hex key wrench to remove the bleed plug and attach the priming pump (syringe unit) to the hole.
Make sure that the priming pump contains the necessary amount of oil beforehand.
The pump may become damaged by holding the main body of the priming pumps while tightening. Use pliers to hold the nozzle of priming pump while tightening.
- 6.8.3 Gently depress the piston of the priming pump.
When enough hydraulic oil has been added, the piston will become hard to push. Stop adding oil at this point.
- 6.8.4 Install the bleed plug.

6.9 Storage

- 6.9.1 Store in a place which is well-ventilated, free from excessive dust and humidity, and in no danger that the tool will fall.
- 6.9.2 If not using the tool for an extended period of time, carry out a maintenance inspection before storing it away.
- 6.9.3 To increase the working life of the tool, a periodic overhaul is recommended.

6.10 Hydraulic oil requirements

- 6.10.1 Use only clean hydraulic oil, as viscosity of the oil used will affect tool performance.
- 6.10.2 Hydraulic Oil is supplied in a plastic filler bottle with the tool, and can also be obtained from your dealer or agent in your town.

If this is not possible, a good quality mineral oil with the following properties should also be used.

Viscosity ISO : VG46

Viscosity Index : 113

Viscosity at 40 °C : 46 c.s.t.

Viscosity at 100 °C : 7.06 c.s.t.

Flash Point : 228

Recommended Oils are:

Shell Tellus No. 46

Esso Teresso No. 46

Mobil D.T.E. 25 Oil (Medium)

7 Fault Diagnosis

If a problem occurs, check the followings.

If the problem persists after checking the items in the table below, contact your nearest "RODAC" dealer or direct to us.

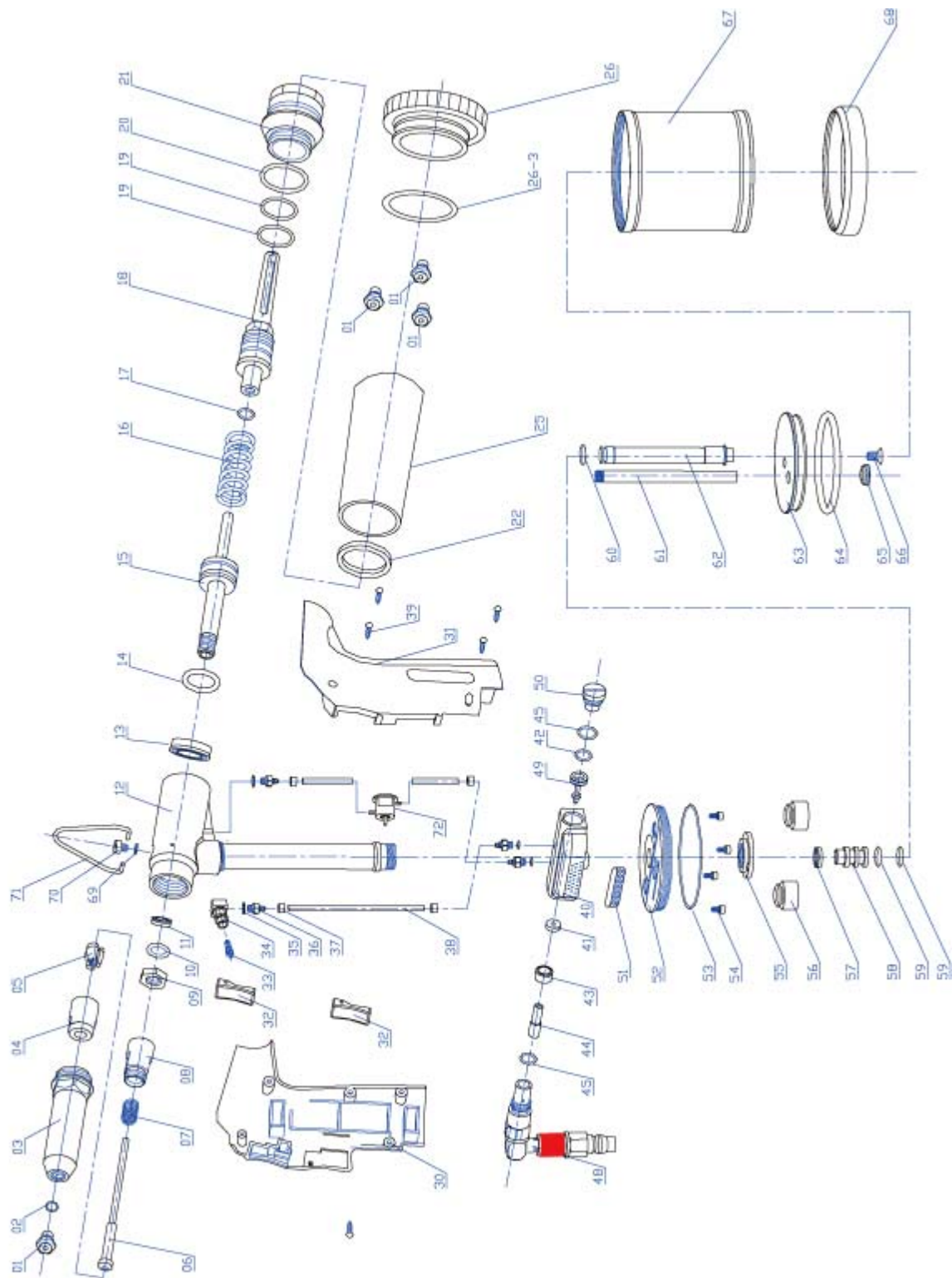
In making any enquires about this product or requests for repair work, first check the FAULT DIAGNOSIS items below, and then make a note of the model number, the usage conditions and the trouble symptoms in as much detail as possible.

If you can provide this kind of information, it will contribute to reduce the amount of time required for delivery or repairs to be completed.

| Fault | Cause | Countermeasure |
|---|--|--|
| The rivets does not go in, or the stem does not come out after riveting | 1 Incorrect combination of replacement parts being used. | Replace with the correct part which matches the rivet size. |
| | 2 Nosepiece or frame head is loose. | Use a spanner or similar to tighten securely. |
| | 3 Jaw case is incorrectly assembled. | Check the jaw case setting position |
| | 4 Contact surfaces between the jaws and the jaw case head are not smooth. | Clean the jaws and inside the jaw case head, and apply RODAC brand lube to the back of the jaws. |
| | 5 The inside of the cylinder is dirty so that the air piston cannot return to its proper position. | Clean inside the cylinder, and apply grease inside the cylinder and to the O-ring. |
| | 6 Oil filling was not performed correctly, so that there is excess hydraulic oil inside the tool | Loosen the bleed plug to allow the excess hydraulic oil to drain out. |

| | | | |
|---|--|--|--|
| Number of switch operations increases before riveting is complete | 1 | The rivet length is not correct for the work piece thickness | Use rivets which match the work piece thickness |
| | 2 | Compressor air pressure is incorrect. | Check the air pressure. |
| | 3 | Jaw case is incorrectly assembled. | Check the jaw case setting position. |
| | 4 | Jaws are worn. | Replace the jaws. |
| | 5 | Insufficient hydraulic oil, causing a shorter stroke | Add hydraulic oil. |
| Fault | | Cause | Countermeasure |
| Piston does not operate, or returns very slowly, or operation is not smooth | 1 | Spool is not moving properly | a. Remove the rear part of change plug and push spool 2~3 mm with a soft plastic stick. In case of no improvement, take the "b" measure. |
| | | | b. Clean the spool and apply grease to the O-rings. |
| | 2 | Air outlet hole muffler is blocked | Replace the muffler. |
| 3 | The inside of the cylinder is dirt so that the air piston cannot return to its proper position | Clean inside the cylinder, and apply grease inside the cylinder and to the O-ring. | |
| The suction power is weak and the shafts can not be drawn out. | 1 | The air controller is not open far enough | Turn the air controller at least 1/4 of a turn. |
| | 2 | There are too many cut mandrels inside the tank unit | Remove the tank from the tool and empty out the cut mandrels from inside the tank out. |
| | 3 | The guide pipe is blocked with cut mandrels. | Take out the guide pipe and remove the cut mandrels which are blocking it. |
| | 4 | The nozzle is dirty, causing the suction power to drop. | Clean the nozzle. |
| | 5 | Oil filling was not performed correctly, so that there is excess hydraulic oil inside the tool, and the air holes are misaligned, causing the suction power to drop. | Loosen the bleed plug to allow the excess hydraulic oil to drain out. |

8 RC197ABC Parts Explosion

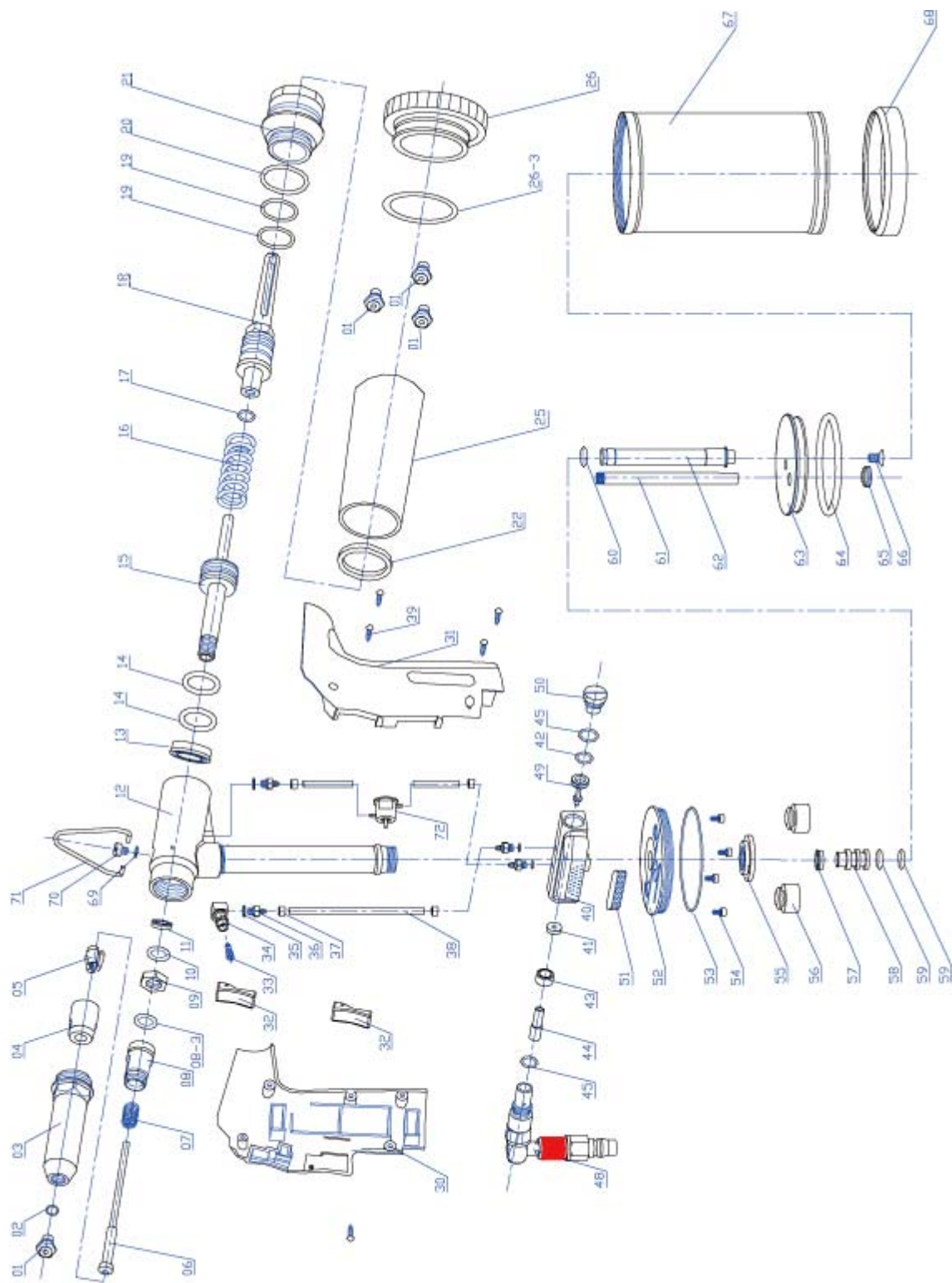


9 RC197ABC Parts Description

| Index | Parts | Description | Quantity |
|-------|--------------|-------------------------|----------|
| 1A | RPPA01023 | NOSEPIECE 2.4 mm | 1 |
| 1B | RPPA01024 | NOSEPIECE 3.2 mm | 1 |
| 1C | RPPA01001 | NOSEPIECE 4.0 mm | 1 |
| 1D | RPPA01025 | NOSEPIECE 4.8 mm | 1 |
| 2 | RPPA01002 | O-RING | 1 |
| 3 | RPPA01003 | NOSEPIECE CASING | 1 |
| 4 | RPPA01004 | JAW CARRIER | 1 |
| 5 | RPPA01005S | JAW (SET of 3 Jaws) | 1 |
| 6 | RPPA01006 | PUSHER | 1 |
| 7 | RPPA01007 | JAW PUSHER SPRING | 1 |
| 8 | RPPA01008 | JAW HOUSING | 1 |
| 9 | RPPA01009 | LOCK RING | 1 |
| 10 | RPPA01010 | O-RING | 1 |
| 11 | RPPA01011 | LIP SEAL | 1 |
| 12 | RPPA01012 | HEAD ASSEMBLY | 1 |
| 13 | RPPA01013 | LIP SEAL | 2 |
| 14 | RPPA01014 | O-RING | 1 |
| 15 | RPPA01015 | PRINCIPAL AXIS UNIT | 1 |
| 16 | RPPA01016 | RESTORE SPRING | 1 |
| 17 | RPPA01017 | O-RING | 1 |
| 18 | RPPA01018ASS | VACUUM SWITCH (INCL.17) | 1 |
| 19 | RPPA01019 | O-RING | 2 |
| 20 | RPPA01020 | O-RING | 1 |
| 21 | RPPA01021 | AIRPROOF LID | 1 |
| 22 | RPPA01022A | RUBBER PAD | 1 |
| 25 | RPPA01022 | COLLECTOR | 1 |
| 26 | RPPA01026ASS | COLLECTOR COVER | 1 |
| 26-3 | TAKE 26 | O-RING | 1 |
| 30+31 | RPPA01030-31 | HANDLE (LEFT+RIGHT) | 1 |
| 32 | RPPA01032 | TRIGGER | 2 |
| 33 | RPPA01033 | TRIGGER2 VALVE | 1 |
| 34 | RPPA01034 | ON/OFF BASE | 1 |
| 35 | RPPA01035 | O-RING | 4 |
| 36 | RPPA01036 | AIR INTERFACE | 4 |
| 37 | RPPA01037 | TIE RING | 4 |

| Index | Parts | Description | Quantity |
|-------|------------|----------------------|----------|
| 38 | RPPA01038 | AIR TUBE | 2 |
| 39 | RPPA01039 | TAPPING SCREW | 6 |
| 40 | RPPA01040 | AIR VALVE BODY | 1 |
| 41 | RPPA01041 | TEFLON WASHER | 1 |
| 42 | RPPA01042 | O-RING 9.5x12.5x1.5 | 1 |
| 43 | RPPA01043 | RING | 1 |
| 44 | RPPA01044 | SUBORDINATE TUBE | 1 |
| 45 | RPPA01045 | O-RING 11.5x14.5x1.5 | 2 |
| 48 | RPPA01048 | ON/OFF ASSEMBLY | 1 |
| 49 | RPPA01049 | AIR VALVE ROD | 1 |
| 50 | RPPA01050 | SCREW PLUG | 1 |
| 51 | RPPA01051 | SILENCER | 1 |
| 52 | RPPA01052 | CYLINDER COVER | 1 |
| 53 | RPPA01053 | O-RING 66x2 | 1 |
| 54 | RPPA01054 | BOLT 3x6 | 4 |
| 55 | RPPA01055 | ROCK NUT | 1 |
| 56 | RPPA01056 | BUFFER | 2 |
| 57 | RPPA01057 | LIP SEAL 8x14x5 | 1 |
| 58 | RPPA01058 | AIR TUBE PISTON | 1 |
| 59 | RPPA01059 | O-RING 9x1.7 | 2 |
| 60 | RPPA01060 | PISTON RING | 1 |
| 61 | RPPA01061 | TRANSFER TUBE | 1 |
| 62 | RPPA01062 | PISTON ROD | 1 |
| 63 | RPPA01063 | CYLINDER PISTON | 1 |
| 64 | RPPA01064 | O-RING | 1 |
| 65 | RPPA01065 | LIP SEAL | 1 |
| 66 | RPPA01066 | BOLT | 1 |
| 67 | RPPA01067 | CYLINDER | 1 |
| 68 | RPPA01068 | BASE COVER | 1 |
| 69 | RPPA01069 | WASHER | 1 |
| 70 | RPPA01070 | SEAL SCREW 5x6 | 1 |
| 71 | RPPA01071 | HOOK | 1 |
| 72 | RPPA01072A | TRIGGER1 VALVE | 1 |
| NS | RPPA01072 | HOSE | 1 |

10 RC198ABC Parts Explosion



11 RC198ABC Parts Description

| Index | Parts | Description | Quantity |
|-------|--------------|-------------------------|----------|
| 1A | RPPA01024 | NOSEPIECE 3.2 mm | 1 |
| 1B | RPPA01001 | NOSEPIECE 4.0 mm | 1 |
| 1C | RPPA01025 | NOSEPIECE 4.8 mm | 1 |
| 1D | RPPA02023 | NOSEPIECE 6.4 mm | 1 |
| 2 | RPPA01002 | O-RING | 1 |
| 3 | RPPA01003 | NOSEPIECE CASING | 1 |
| 4 | RPPA02004 | JAW CARRIER | 1 |
| 5 | RPPA02005S | JAW (SET of 3 Jaws) | 1 |
| 6 | RPPA02006 | PUSHER | 1 |
| 7 | RPPA02007 | JAW PUSHER SPRING | 1 |
| 8 | RPPA02008 | JAW HOUSING | 1 |
| 8-3 | RPPA02008-3 | O-RING | 1 |
| 9 | RPPA01009 | LOCK RING | 1 |
| 10 | RPPA02010 | O-RING | 2 |
| 11 | RPPA02011 | LIP SEAL | 1 |
| 12 | RPPA02012 | HEAD ASSEMBLY | 1 |
| 13 | RPPA02013 | LIP SEAL 22x30x5 | 1 |
| 14 | RPPA02014 | O-RING 26x1.7 | 2 |
| 15 | RPPA01015 | PRINCIPAL AXIS UNIT | 1 |
| 16 | RPPA01016 | RESTORE SPRING | 1 |
| 17 | RPPA01017 | O-RING | 1 |
| 18 | RPPA01018ASS | VACUUM SWITCH (INCL.17) | 1 |
| 19 | RPPA01019 | O-RING | 2 |
| 20 | RPPA01020 | O-RING | 1 |
| 21 | RPPA01021 | AIRPROOF LID | 1 |
| 22 | RPPA01022A | RUBBER PAD | 1 |
| 25 | RPPA01022 | COLLECTOR | 1 |
| 26 | RPPA01026ASS | COLLECTOR COVER | 1 |
| 26-3 | TAKE 26 | O-RING | 1 |
| 30+31 | RPPA02030-31 | HANDLE (LEFT+RIGHT) | 1 |
| 32 | RPPA01032 | TRIGGER | 2 |
| 33 | RPPA01033 | TRIGGER2 VALVE | 1 |
| 34 | RPPA01034 | ON/OFF BASE | 1 |
| 35 | RPPA01035 | O-RING | 4 |
| 36 | RPPA01036 | AIR INTERFACE | 4 |

| Index | Parts | Description | Quantity |
|-------|-----------|----------------------|----------|
| 37 | RPPA01037 | TIE RING | 4 |
| 38 | RPPA01038 | AIR TUBE | 2 |
| 39 | RPPA01039 | TAPPING SCREW | 6 |
| 40 | RPPA01040 | AIR VALVE BODY | 1 |
| 41 | RPPA01041 | TEFLON WASHER | 1 |
| 42 | RPPA01042 | O-RING 9.5x12.5x1.5 | 1 |
| 43 | RPPA01043 | RING | 1 |
| 44 | RPPA01044 | SUBORDINATE TUBE | 1 |
| 45 | RPPA01045 | O-RING 11.5x14.5x1.5 | 2 |
| 48 | RPPA01048 | ON/OFF ASSEMBLY | 1 |
| 49 | RPPA01049 | AIR VALVE ROD | 1 |
| 50 | RPPA01050 | SCREW PLUG | 1 |
| 51 | RPPA01051 | SILENCER | 1 |
| 52 | RPPA01052 | CYLINDER COVER | 1 |
| 53 | RPPA01053 | O-RING 66x2 | 1 |
| 54 | RPPA01054 | BOLT 3x6 | 4 |
| 55 | RPPA01055 | ROCK NUT | 1 |
| 56 | RPPA01056 | BUFFER | 2 |
| 57 | RPPA02057 | LIP SEAL 8x14x6 | 1 |
| 58 | RPPA01058 | AIR TUBE PISTON | 1 |
| 59 | RPPA02059 | O-RING 11.6x1.5 | 2 |
| 60 | RPPA01060 | PISTON RING | 1 |
| 61 | RPPA01061 | TRANSFER TUBE | 1 |
| 62 | RPPA01062 | PISTON ROD | 1 |
| 63 | RPPA01063 | CYLINDER PISTON | 1 |
| 64 | RPPA01064 | O-RING | 1 |
| 65 | RPPA01065 | LIP SEAL | 1 |
| 66 | RPPA01066 | BOLT | 1 |
| 67 | RPPA01067 | CYLINDER | 1 |
| 68 | RPPA01068 | BASE COVER | 1 |
| 69 | RPPA01069 | WASHER | 1 |
| 70 | RPPA01070 | SEAL SCREW 5x6 | 1 |
| 71 | RPPA01071 | HOOK | 1 |
| 72 | RPPA01072 | TRIGGER1 VALVE | 1 |
| NS | RPPA01073 | HOSE | 1 |



Rodac International B.V.
Nijverheidsstraat 1
6135 KJ Sittard
The Netherlands
Tel. (31)-(0)46-4662289
Fax. (31)-(0)46-4662590



- NL Blindklingsagetang Technische Specificaties
- GB Air Riveter Technical Specifications
- D Blindnietgerät Technische Daten
- F Riveteuse Données Techniques
- I Chiodatrici
- DK Blindnietpistole
- N Blindnagelverktøy

RC 197ABC

| | | | |
|---|---------|---|--------|
| Luchtlaansluiting Air inlet Raccordement d'air Alisaco aia Luftringang Luftringang | 14" BSP | Trekkraft Tensil force Zugkraft Forces de traction Forza di trazione Trakkraft Tiltrekingskraft | 8.0 kN |
| Min slangediameter Min hose size Min Schlauchdurchmesser Diamètre tuyau min Min canna flessibile Diameter slange Sargestærrelse | 10 mm | Geluistsniveau Sound level Lautstärke Capacité de son Rumorsala Lydkraft Lydstyrke | 130 mm |
| Métrique Air pressure Druckluft Pression Pressione aria Trykluft | 6.3 bar | Gewicht Weight Gewicht Poids Peso Vægt | 1.5 kg |
| 14" BSP | 10 mm | 8.0 kN | 130 mm |
| 6.3 bar | 10 mm | 8.0 kN | 130 mm |
| 6.3 bar | 10 mm | 8.0 kN | 130 mm |

Verklaring van conformiteit
Wij, de firma Rodac International B.V., Nijverheidsstraat 1, 6135 KJ Sittard, Nederland, verklaren hiermee dat het hier vermeldde product, waarop deze verklaring betrekking heeft, in overeenstemming met de normen en normatieve documenten, overeenkomstig de bepalingen van de EC-richtlijn 89/392/EEG, 91/268/EEG, 90/269/EEG en 93/44/EEG onder onze exclusieve verantwoordelijkheid vult.
Sittard, 1 Januari 2012.
L. Mechor, CEO

Declaration of Conformity
We, the company Rodac International B.V., Nijverheidsstraat 1, 6135 KJ Sittard, The Netherlands, declare on our exclusive responsibility that the tool described below, to which this declaration refers, conforms to the norms and normative documents as defined in the provisions of 89/392/EEC, 91/268/EEG, 90/269/EEG and 93/44/EEC.
Sittard, 1 January 2012.
L. Mechor, CEO

Konformitätserklärung
Wir, Rodac International B.V., Nijverheidsstraat 1, 6135 KJ Sittard, Niederlande, erklären hiermit, dass die nachfolgend beschriebene Maschine aufgrund ihrer Konzipierung und Bauart sowie in der von uns in Verkehr gebrachten Ausführung den einschlägigen grundlegenden Sicherheits- und Gesundheitsanforderungen der EG-Maschinenrichtlinie 89/392/EWG, 91/268/EWG und 93/44/EWG entspricht.
Sittard, 1 Januari 2012.
L. Mechor, CEO

Declaration de Conformité
Nous, la société Rodac International B.V., Nijverheidsstraat 1, 6135 KJ Sittard, Pays Bas, déclarons que l'outil sous-mentionné, qui fait l'objet de la déclaration, se trouve, sous notre responsabilité exclusive, en conformité avec les normes et documents normatifs conformes aux dispositions des directives 89/392/CEE, 91/268/CEE, 90/269/CEE et 93/44/CEE.
Sittard, 1 Januari 2012.
L. Mechor, CEO

Dichiarazione di Conformità
Noi, Rodac International B.V., Nijverheidsstraat 1, 6135 KJ Sittard, Olanda, con la presente dichiariamo che gli utensili sotto elencati, ai quali si riferisce la presente dichiarazione, sono conformi alle normative e alle documentazioni normative come da direttive n. 89/392/EEC, 91/268/EEC, 90/269/EEC, 93/44/EEC, e di questo o assumiamo la piena responsabilità.
Sittard, 1 Januari 2012.
L. Mechor, CEO

Overensstemmelsesattest
Vi, Rodac International B.V., Nijverheidsstraat 1, 6135 KJ Sittard, Holland, erklærer at det her anførte værktøj, som erklæringen referer til, er i overensstemmelse med standarderne og de normgivende dokumenter, svarende til bestemmelserne i henhold til 89/392/EEG, 91/268/EEG, 90/269/EEC og 93/44/EEC.
Sittard, 1 Januari 2012.
L. Mechor, CEO

Konformitetserklæring
Vi, Rodac International B.V., Nijverheidsstraat 1, 6135 KJ Sittard, Holland, erklærer at vi allene bærer ansvar for værktøjet som er opført her og som erklæringen referer til, i overensstemmelse med standarderne og de normative dokumentationerne og i henhold til bestemmelserne i 89/392/EEC, 91/268/EEC, 90/269/EEC og 93/44/EEC.
Sittard, 1 Januari 2012.
L. Mechor, CEO



Rodac International B.V.
Nijverheidsstraat 1
P.O. Box 353
6130 KJ Sittard
The Netherlands
Tel: (31)-046-4582299
Fax: (31)-046-4580580



- Blindklingseltang Dati Tecnici
- Air Riveter Blindnitterpistole
- Blindnietgerät Blindnagelverktøj
- Riveteuse **RC 198ABC**

Technical Specifications
Technische Daten
Données Techniques

| | | | |
|--|---|--|----------|
| | Luchtansluiting Air inlet Raccordement d'air Atacco aria Tilslutning gevind Lufringang | | 1/4" BSP |
| | Min slangdiameter Min ice size Min Schlauchdurchmesser Diamètre tuyau min Min canna flessibili Diameter slangje Slangestørrelse | | 10 mm |
| | Werkdruk Air pressure Druckluft Pressione aria Trykluft | | 6,3 bar |
| | Trekkraft Tensil forza Zugkraft Force de traction Forza di trazione Trækraft Tiltekningskraft | | 10,9 kN |
| | Geluidsniveau Sound level Lautstärke Capacité de son Rumcorista Lycthyke | | 81 dba |
| | Lengte Length Länge Longueur Lunghezza Lengde mål | | 320 mm |
| | Hoogte Height Höhe Hauteur Altezza Højde mål | | 330 mm |
| | Dikte Thickness Dicke Gros Spessore Tykkelse Tykkelse | | 140 mm |
| | Gewicht Weight Gewicht Poids Peso Vægt | | 1,75 kg |

Verklaring van conformiteit
Wij, de firma Rodac International B.V., Nijverheidsstraat 1, 6135 KJ Sittard, Nederland, verklaren hiernaas dat het hier vermeldde goederchap, waarop deze verklaring betrekking heeft, in overeenstemming met de normen en normatieve documenten, overeenkomstig de bepalingen van de EG-richtlijn 89/392/EEG, 91/268/EEG, 96/37/EEG en 93/44/EEG onder onze exclusieve verantwoordelijkheid valt.
RC 198ABC
Blindklingseltang
Sittard, 1. Januari 2012
L. Meichior, CEO

Declaration of Conformity
We, the company Rodac International B.V., Nijverheidsstraat 1, 6135 KJ Sittard, The Netherlands, declare on our exclusive responsibility that the tool described below, to which this declaration refers, conforms to the norms and normative documents as defined in the provisions of 89/392/EEC, 91/268/EEC, 96/37/EEC and 93/44/EEC.
RC 198ABC
Air Riveter
Sittard, 1. January 2012
L. Meichior, CEO

Konformitätserklärung
Wir, Rodac International B.V., Nijverheidsstraat 1, 6135 KJ Sittard, Niederlande, erklären hiermit, dass die nachfolgend bezeichnete Maschine aufgrund ihrer Konzipierung und Bauart sowie in der von uns in Verkehr gebrachten Ausführung den einschlägigen grundlegenden Sicherheits- und Gesundheitsanforderungen der EG-Maschinenrichtlinie 89/392/EWG, 91/268/EWG, 96/37/EEG und 93/44/EEG entspricht.
RC 198ABC
Blindnietgerät
Sittard, 1. January 2012
L. Meichior, CEO

Declaration de Conformité
Nous, la société Rodac International B.V., Nijverheidsstraat 1, 6135 KJ Sittard, Pays Bas, déclarons que l'outil sous-mentionné, qui fait l'objet de la déclaration, se trouve, sous notre responsabilité exclusive, en conformité avec les normes et documents normatifs conformément aux dispositions des directives 89/392/CEE, 91/268/CEE, 96/37/CEE et 93/44/CEE.
RC 198ABC
Riveteuse
Sittard, 1. January 2012
L. Meichior, CEO

Dichiarazione di Conformità
Noi, Rodac International B.V., Nijverheidsstraat 1, 6135 KJ Sittard, Olanda, con la presente dichiariamo che gli utensili sotto elencati, ai quali si riferisce la presente dichiarazione, sono conformi alle normative e alle documentazioni normative come da direttiva n 89/392/EEC, 91/268/EEC, 96/37/EEC, 93/44/EEC, e di questo ci assumiamo la piena responsabilità.
RC 198ABC
Chiodatrici
Sittard, 1. January 2012
L. Meichior, CEO

Overensstemmelsesattest
Vi, Rodac International B.V., Nijverheidsstraat 1, 6135 KJ Sittard, Holland, erklærer, at det her anførte værktøj, som erklæringen referer til, ene og alene står under vores ansvar i overensstemmelse med standarderne og de normgivende dokumenter, svarende til bestemmelserne i henhold til 89/392/EEC, 91/268/EEC, 96/37/EEC, 93/44/EEC.
RC 198ABC
Blindnitterpistole
Sittard, 1. January 2012
L. Meichior, CEO

Konformitetserklæring
Vi, Rodac International B.V., Nijverheidsstraat 1, 6135 KJ Sittard, Holland, erklærer, at vi alene bærer ansvaret for værktøjet som er opført her og som erklæringen referer seg til, i overensstemmelse med standarderne og de normative dokumentene og i henhold til bestemmelserne i henhold til 89/392/EEC, 91/268/EEC, 96/37/EEC, 93/44/EEC.
RC 198ABC
Blindnagelverktøj
Sittard, 1. January 2012
L. Meichior, CEO