THE ENVIRONMENT

Always dispose of unwanted tools, accessories and packaging materials in an environmentally friendly manner.

DECLARATION OF CONFORMITY

We hereby certify that Air Riveter RPP480**H**

(ORDER CODE: KBE-270-6970K)

complies with all the relevant provisions of the

Machinery EN792, 2006/42E

Standards Applied:

EN 792, EN 28927-2 & EN ISO 15744:2002

Official Agent:

KENNEDY TOOLS
Wigston Works, Leicester, England.
ISO 9001 REGISTERED– COMPANY

Signed:
Date: 8th July 2024
Name: Toni Johnson
Position: Compliance Director

KOBE TOOLS
Cromwell Group (Holdings) Limited 65 Chartwell drive
Wigston, Leicestershire, England, LE18 2FS.
Contact Us: contactus@cromwell.co.uk
Country of Origin: China

QUALITY GUARANTEE & WARRANTY

KOBE PROFESSIONAL AIR TOOLS carry a one year manufacturer's warranty.

KOBE PROFESSIONAL AIR TOOLS are designed & manufactured to the highest standards & specifications
Assuring the quality and performance required by all sectors of industry.

KOBE PROFESSIONAL AIR TOOLS are fully guaranteed against faulty materials & workmanship.
Should they be found to be defective, they will either be repaired or replaced free of charge (fair wear and tear and/or misuse excepted).

Please retain supplier invoice as proof of purchase.

KOBE™
PROFESSIONAL AIR TOOLS

AIR RIVETER

2.4mm ($^{3}/_{32}$") - 4.8mm ($^{3}/_{16}$")

MODEL:
RPP480

ORDER CODE:
KBE-270-6970K



WARNING: THE SAFETY INFORMATION GIVEN INSIDE MUST BE READ AND UNDERSTOOD BY ANY PERSON USING, INSTALLING, REPAIRING OR MAINTAINING THESE PRODUCTS.

OPERATOR'S MANUAL

Please retain this information for future reference.

SAFETY INSTRUCTIONS

You have purchased a quality product that is designed for high performance and long service life. If correct use, safety and maintenance procedures are observed this machine will last for many years.

KOBE PROFESSIONAL POWER TOOLS have been specifically designed to help you work **SAFELY** and **EFFICIENTLY**. Your care and good judgment are the best protection against injury, but always ensure that the appropriate safety equipment is worn. All possible hazards cannot be covered here, but the most relevant ones have been highlighted.

GENERAL OPERATING HAZARDS

- Always ensure all users are physically able and competent to handle the size, weight and power of the tools and have received appropriate training to perform the task.
- Always be aware of the tool rundown time.
- Always ensure the tool is kept in a good working condition. Do not use the tool if any parts are missing or damaged.
- Always inspect the air tool for cracks or excessive wear before connecting and during use.
- Always store the tool in a dry, secure place away from children.

  Always check for damaged or loose parts and fittings.
- Always use recommended attachments or parts.
- Always avoid accidental starting of the tool by disconnecting it before replacing accessories or repairing.
- Never operate the tool when tired or under the influence of alcohol/prescription or non-prescription drugs.
- Never operate if any parts are missing or damaged.
- Never leave the tool running whilst unattended.
- Never modify the tool or accessories and only use it for the task for which it has been designed.
- Never force or apply excessive pressure on the tool.
- Never touch moving or active parts of the tool or accessories.
- Never work in a combustible atmosphere.
- Never allow children to use or play with the tool.

WORKPLACE HAZARDS

- Always comply with Health & Safety regulations.
- Always be aware of excess hose around the work place.
- Never carry a tool by the air hose or with your fingers on the trigger whilst connected to an air supply.

PERSONAL PROTECTION

- Always ensure that all long hair, loose clothing & jewellery, etc., are secured or removed.
- Avoid wearing watches, rings or bracelets whilst using this tool.



SPECIFIC OPERATING HAZARDS

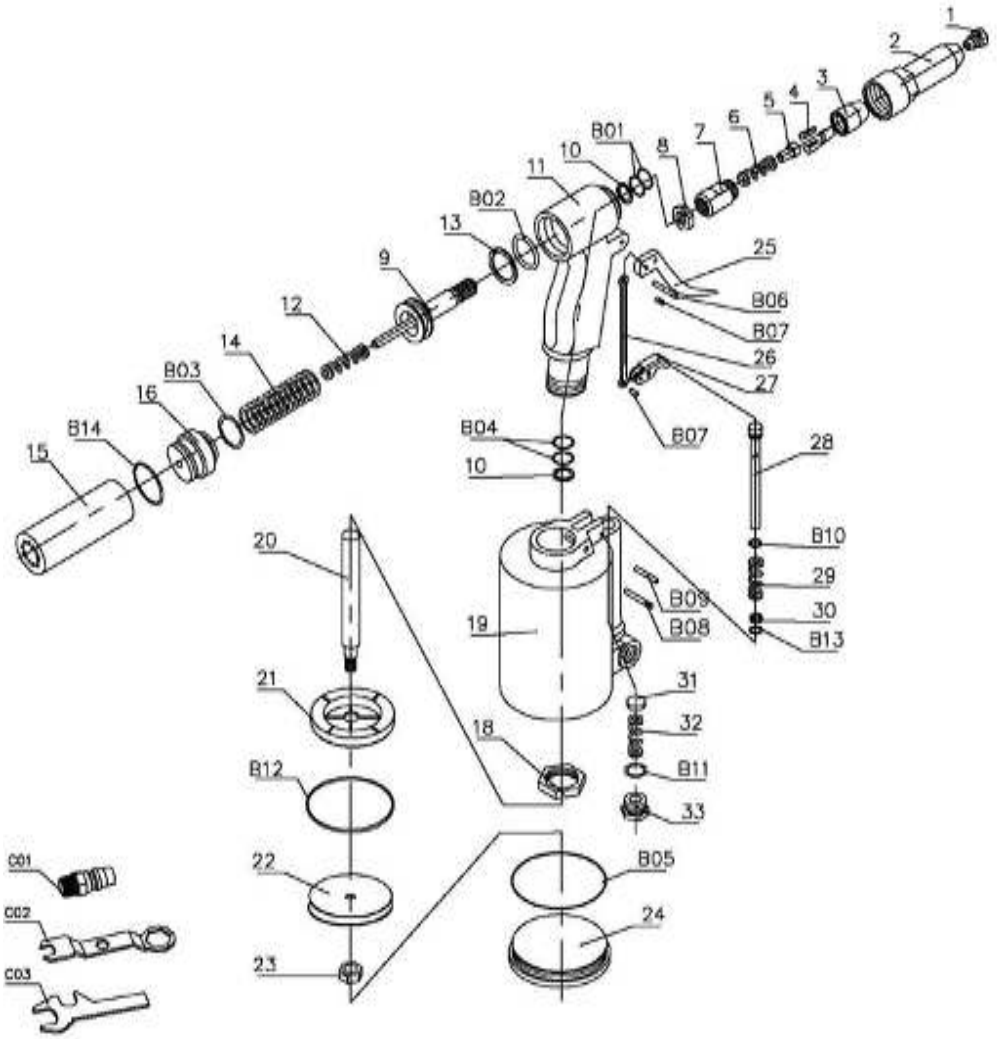
- Always ensure all accessories are rated to the same specifications as the air tool and intact before fitting or using.
- Always use air tool attachments that are in good condition and are designed to be used with the tool.
- Always be aware of the risk of crushing between the tool and the workpiece due to sudden movement or reaction forces.
- Always shut off air supply, drain hose of air pressure and disconnect tools from air supply when not in use, before changing accessories or when making repairs.
- Never apply additional or over excessive force to the air tool.
- Never make contact with electric power sources as this tool is not insulated.
- Never exceed the maximum air pressure of the tool.

PARTS BREAKDOWN

No.	MPN	Cromwell Code	Description
1	55-01	SPR2705138R	Nosepiece 2.4mm (3/32")
	55-01	SPR2705138R	Nosepiece 3.2mm (1/8")
	55-01	SPR2705138R	Nosepiece 4.0mm (5/32")
	55-01	SPR2705138R	Nosepiece 4.8mm (3/16")
2	55-02	SPR2707071Z	Outer cylinder
3	55-03	SPR2707199A	Jaw carrier
4	55-04	SPR2706268N	Jaws (1set=3pcs)
5	55-05	SPR2700829H	Jaw pusher
6	55-06	SPR2707516X	Jaw push spring
7	55-07	SPR2709879G	Jaw cylinder
8	55-08	SPR2705185W	Case lock nut
9	55-09	SPR2703539C	Principal axis
10	55-10	SPR2706032J	Plastic Ring
11	55-11	SPR2702307N	Handle (KOBE logo)
12	55-12	SPR2709857C	Small Restore spring
13	55-13	SPR2703940C	Plastic Ring
14	55-14	SPR2706805N	Large Restore spring
15	55-15	SPR2709736F	Bottle
16	55-16	SPR2703992J	Airproof Lid
18	55-18	SPR2702716Z	Lock nut
19	55-19	SPR2709592P	Air cylinder
20	55-20	SPR2702489J	Pole piston
21	55-21	SPR2709634V	Cushion
22	55-22	SPR2709289M	Piston
23	55-23	SPR2707125B	Nut M8
24	55-24	SPR2705241H	Air cylinder lid
25	55-25	SPR2705910D	Trigger
26	55-26	SPR2704948U	Linker
27	55-27	SPR2705216T	Press plank
28	55-28	SPR2708287M	Air valve
29	55-29	SPR2709621Y	Valve spring
30	55-30	SPR2709588V	Copper wash
31	55-31	SPR2701813C	Airproof plastic
32	55-32	SPR2706367R	Airproof spring
33	55-33	SPR2701408X	Airproof nut

No.	MPN	Cromwell Code	Description
B01	55-B01	SPR2708546U	O Ring
B02	55-B02	SPR2704372A	O Ring
B03	55-B03	SPR2705005B	O Ring
B04	55-B04	SPR2708167M	O Ring
B05	55-B05	SPR2702120K	O Ring
B06	55-B06	SPR2706769A	Spring pin
B07	55-B07	SPR2703037N	Spring pin
B08	55-B08	SPR2707900F	Spring pin
B09	55-B09	SPR2707132E	Spring pin
B010	55-B10	SPR2704701R	O Ring
B011	55-B11	SPR2706501Y	O Ring
B012	55-B12	SPR2702423J	O Ring
B013	55-B13	SPR2705463H	O Ring
B014	55-B14	SPR2708416J	O Ring
C01	55-C01	SPR2700088W	Air interface
C02	55-C02	SPR2705683Q	Wrench
C03	55-C03	SPR2708392U	Wrench

PARTS BREAKDOWN



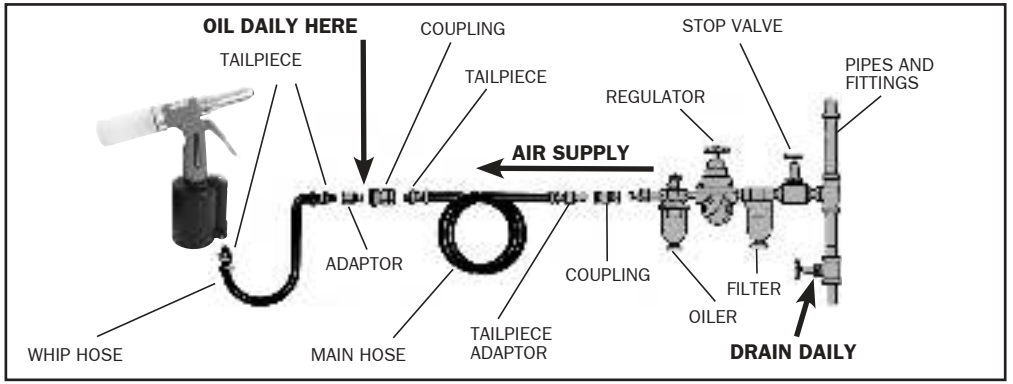
SPECIFICATIONS

MODEL NUMBER	RPP480
RECOMMENDED AIR PRESSURE	70-90 psi
AIR CONSUMPTION	4cfm (113L/min)*
AIR INLET THREAD	1/4" NPT
AIR HOSE SIZE (ID)	10mm (3/8")

NOSEPIECE SIZES	2.4mm (3/32"), 3.2mm (1/8")
	4.0mm (5/32"), 4.8mm (3/16")
OVERALL LENGTH	165mm
OVERALL HEIGHT	274mm
NET WEIGHT	1.5kg

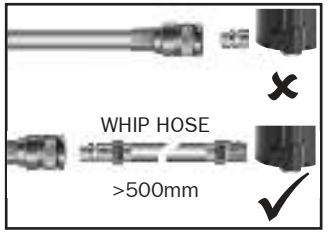
* Based on 15 second cycle per minute average use

SUGGESTED AIR SUPPLY



1) Connect tools to the air line using pipe, hose and fitting sizes listed in the specifications.
2) Supply tools with 6.2bar (90psi) of clean, dry air. A higher pressure and unclean air will shorten the tool life because of faster wear and may create a hazardous condition.

REQUIREMENTS FOR QUICK ACTING COUPLINGS CONNECTED TO AIR TOOLS:
A whip hose of minimum length 500mm between the tool and thecoupling is required in order to comply with Health and Safety Executive Guide **HS(G) 39, BS4575:2, ISO 4414 and ISO 6150.** This will also reduce the strain applied by the weight of the air hose on the end of the air tool.



OPERATION

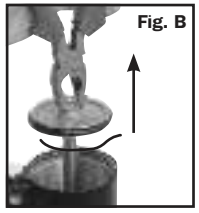
CAUTION!

- **ALWAYS** Disconnect the air tool from the air supply before changing accessories, servicing or performing any maintenance.
- **ALWAYS** Inspect the air tool for cracks or excessive wear before connecting and during use.
- **ALWAYS** Insure correct air pressure is maintained and NOT exceeded.

CHECKING HYDRAULIC OIL LEVELS

1. Hold the air tool upside-down and remove the air cylinder cap **(Fig. A)**.
2. Remove piston set. **(Fig. B)** Grip the central nut with pliers then twist and pull.
3. Add hydraulic oil to the hydraulic cylinder until level is just below the junction with the air cylinder **(Fig. C)**. Use ISO Grade VG22.
   NOTE: Lubricate the inside wall of the cylinder and rubber seal regularly to prevent cracking.
4. Refit the piston set and push firmly into place to prevent any leakage then replace the cylinder cap.


Fig. A


Fig. B

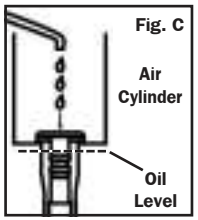
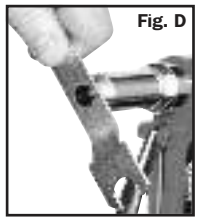


Fig. C


Fig. D

CHANGING THE NOSEPIECE

1. The nosepiece can be removed using the supplied wrench **(Fig. D)**.
2. Select the correct nosepiece to suit the rivet required for the job.
3. The rivet jaws are spring loaded so when replacing the nosepiece push firmly into position while tightening.

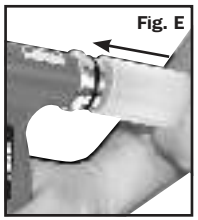
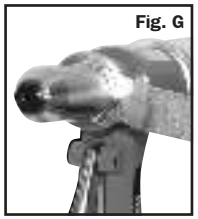
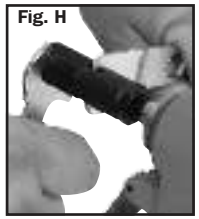

Fig. E


Fig. F

USING THE AIR TOOL

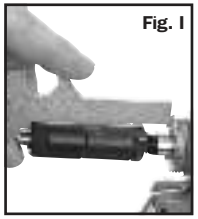
1. Attach the plastic bottle to the rear of the riveter **(Fig. E)**. This will catch the mandrels from the rivets.
2. Attach the air adaptor, sealing with PTFE tape **(Fig. F)** and connect the air supply using a whip hose.
3. Insert the correct diameter rivet into the nosepiece. Place the nosepiece on the pre-drilled hole and squeeze the trigger.

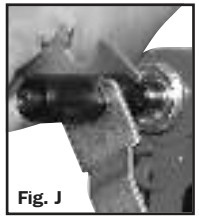

Fig. G


Fig. H

CHANGING THE JAWS

1. Remove the outer cylinder **(Fig. G)**.
2. Use both wrenches to unscrew the jaw carrier **(Fig. H)**. Remove the jaws and clean to remove grit and residue dirt. If they are blunted replace with new jaws.
3. Retighten the jaw carrier.
4. Check the stroke is correctly positioned before replacing the outer cylinder (see below).


Fig. I


Fig. J

ADJUSTING THE STROKE

1. With the outer cylinder off check the jaw stroke **(Fig. I)**.
   NOTE: The jaw cylinder should fit snug between the indent and the end of the wrench provided.
2. If adjustment is necessary use both wrenches to loosen the lock nut and adjust the distance to fit **(Fig. J)**.
3. Replace the outer cylinder ready for use.

MAINTENANCE

A competent person must disassemble and inspect higher wear parts periodically if the tool is used every day or if there is a noticeable drop in the tool performance. Any damaged or worn parts must be replaced. Your 12 month warranty could become void if the tool is unnecessarily dismantled and damage is caused. If you are unsure about dismantling the tool, please return it to your local Kobe agent.

The use of other than genuine Kobe replacement parts may result in safety hazards, decreased tool performance, increased maintenance and voiding of warranty.

Mineral spirits are recommended when cleaning the tool and its parts. DO NOT clean with any solvents or oils containing acids, esters, ketones, chlorinated hydrocarbons or nitro carbons. DO NOT use chemicals that have a low flash point.

For spare parts or servicing please contact your local Kobe agent.

CAUTION!

Other factors outside the tool may cause loss of power or erratic action. Reduced compressor output, excessive drain on the airline, moisture or restrictions in air pipes or the use of hose connections of improper size or poor conditions may reduce air supply. If outside conditions are in order and the tool still runs erratically, disconnect the tool from the air hose and take it to your local Kobe agent.

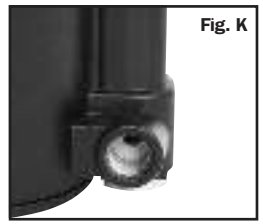
WARNING!

Repairs must be performed in a dirt-free environment by a qualified person who is familiar with this type of equipment. Your warranty is invalid if this advice is ignored.

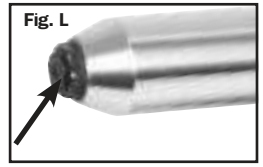
LUBRICATION

Air tools require lubrication throughout the life of the tool as moisture in the compressed air will rust the air motor and the correct lubrication is vital for the maximum performance of the air tool. Failure to lubricate the tool at the air inlet will void your warranty.

Either use an air line lubricator with air tool oil adjusted to two drops per minute, or if an air line lubricator cannot be used, add one teaspoon of air motor oil to the inlet **(Fig. K)** or into the hose at the nearest connection to the air supply once a day and then run the tool. ISO Grade VG22 oil is recommended. A rust inhibitive oil is acceptable for air tools.


Fig. K

Lubricate the jaws through the nosepiece regularly with a light machine oil. **(Fig. L)**.


Fig. L

Do not lubricate the tool with flammable or volatile liquids such as paraffin (kerosene), diesel or jet fuel.