## THE ENVIRONMENT

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

## DECLARATION OF CONFORMITY

**We hereby certify that** Impact Wrench

**(ORDER CODE: KBE-270-2525K)**

**complies with all the relevant provisions of the**

**Machinery Directive 2006/42/EC**

**Standards Applied:**

EN ISO 12100:2010, EN ISO 11148-6:2012, EN ISO 28927-2:2009/A1:2017 and EN ISO 15744:2008

**Official Agent:**

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

**KOBE PROFESSIONAL POWER 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

# IMPACT WRENCH

**3/ 4" - 5500RPM**

**MODEL:**
**IW 1500**

**ORDER CODE:**
**KBE-270-2525K**



**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

***READ, UNDERSTAND AND KEEP THESE INSTURCTIONS***
***WARNING: Failure to follow all instructions listed below may result in serious injury***

**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 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.

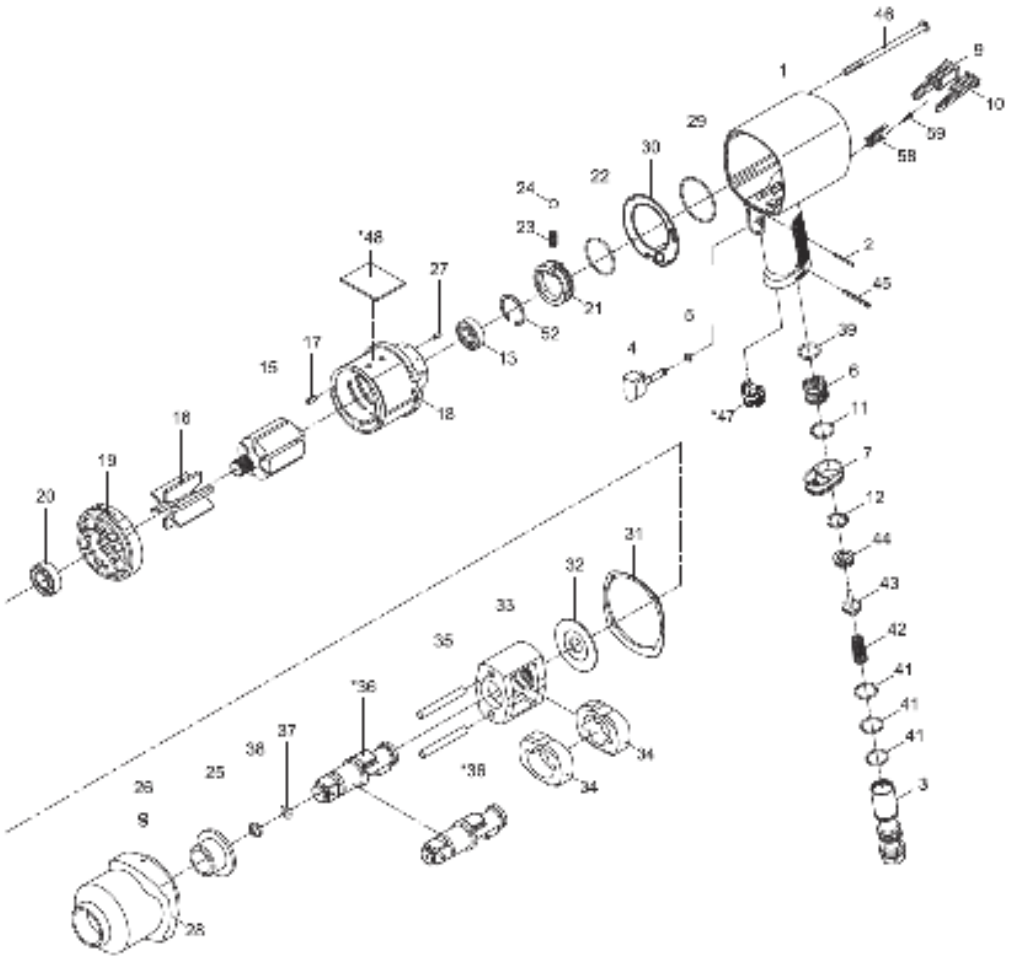
## WORKPLACE HAZARDS AND PERSONAL SAFETY

- Keep your work area clean and well lit
- Do not operate power tools in explosive atmospheres, such as in the presence of combustible liquid, gases or dust. Power tool create sparks which may kindle the dust or fumes.
- Disconnect tool before performing service or when not in use.
- High sound levels can cause permanent hearing loss. Use hearing protection during operation.
- Maintain a balanced body position and secure footing.
- Slip/Trip/Fall is a major cause of serious injury or death. Be aware of excess hose left on the walking or work ground.
- Repetitive work motions, awkward positions and exposure to vibration can be harmful to hands and arms. If numbness, tingling, pain or whitening of the skin occurs, stop using the tool and consult a physician.
- Always wear impact-resistant eye and face protection when operating the tool or near the operation, repairing, maintaining the tool or changing accessories on the tool.

# PARTS BREAKDOWN

| No. | MPN | Cromwell Code | Description |
|---|---|---|---|
| **1** | 45-4154P01 | KBE2985922F | Motor housing |
| **2** | 73102 | KBE2985922G | Spring pin |
| **3** | 45-415403 | KBE2985922H | Air inlet |
| **4** | 45-415404 | KBE2985922J | Trigger |
| **5** | OR00400100 | KBE2985922K | O-ring |
| **6** | 45-415406 | KBE2985922L | Reverse valve |
| **7** | 43-403607 | KBE2985922M | Exhausy diffuser |
| **9** | 45-415410R | KBE2985922N | Forward button |
| **10** | 45-415410L | KBE2985922P | Reverse button |
| **11** | OR02005200 | KBE2985922Q | O-ring |
| **12** | 80231 | KBE2985922R | Retaining ring |
| **13** | 070329 | KBE2985922T | Ball bearing (6002ZZ) |
| **15** | 45-405715 | KBE2985922U | Rotor |
| **16** | 45-405116 | KBE2985922V | Rotor blade (PK-6) |
| **17** | 70117-13 | KBE2985922W | Spring pin |
| **18** | 45-415418 | KBE2985922X | Cylinder |
| **19** | 45-405119 | KBE2985922Y | Front end plate |
| **20** | 020320 | KBE2985922Z | Ball bearing (6003Z) |
| **21** | 45-415421 | KBE2985923A | Air regulator |
| **22** | OR03805200 | KBE2985923B | O-ring |
| **23** | 43-403323 | KBE2985923C | Spring |
| **24** | 5K-3011B25 | KBE2985923D | Steel ball |
| **25** | 47-405125 | KBE2985923E | Anvil bushing |
| **26** | 41-401254 | KBE2985923F | Oil csp |
| **27** | 51217 | KBE2985923G | Spring pin |
| **28** | 45-415428-00F8-SUB1 | KBE2985923H | Hammer case incl: #26 |
| **29** | OR04705200 | KBE2985923J | O-ring |
| **30** | 45-415434 | KBE2985923K | Gasket |
| **31** | 45-415435 | KBE2985923L | Gasket |
| **32** | 45-405127 | KBE2985923M | Washer |
| **33** | 45-405108 | KBE2985923N | Hammer cage |
| **34** | 45-405111 | KBE2985923P | Hammer (pk-2) |
| **35** | 45-405117 | KBE2985923Q | Hammer pin (pk-2) |
| **36** | 45-405102-11SUB | KBE2985923R | Anvil 3/4” incl: #37 #38 |
| **37** | OR01000305 | KBE2985923T | O-ring |
| **38** | 45-405112 | KBE2985923U | Retaining ring |
| **39** | OR01804207 | KBE2985923V | O Ring |
| **41** | OR01908204 | KBE2985923W | O Ring (pk-3) |
| **42** | 43-403147 | KBE2985923X | Valve spring |
| **43** | 43-403148 | KBE2985923Y | Valve Stem |
| **44** | 43-415445 | KBE2985923Z | Rubber spacer |
| **45** | 51938 | KBE2985924A | Spring pin |
| **46** | 45-405630 | KBE2985924B | Screw (pk-4) |
| **47** | 45-405153 | KBE2985924C | Muffler material |
| **48** | 45-405151 | KBE2985924D | Muffer material |
| **52** | 70938 | KBE2985924E | Retaining ring |
| **58** | 45-415461 | KBE2985924F | Partition |
| **59** | 45-413450 | KBE2985924G | Screw |

# PARTS BREAKDOWN

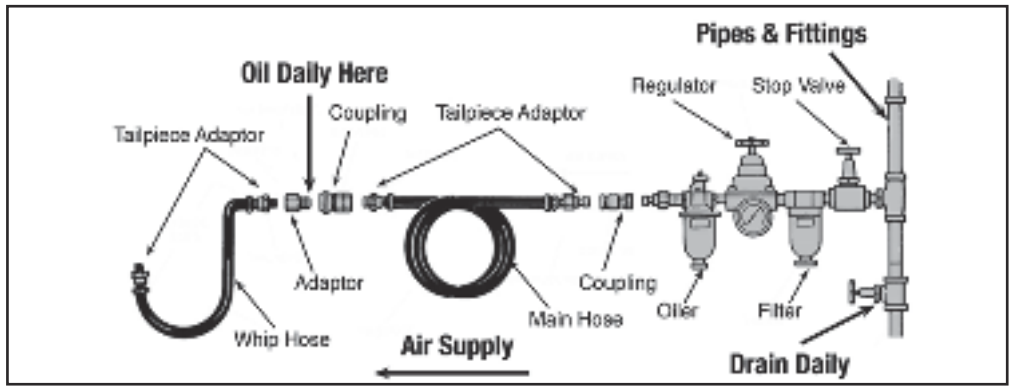



# SPECIFICATIONS

| | |
|---|---|
| **MODEL NUMBER** | IW 1500 |
| **AIR PRESSURE** | 90 P.S.I (6.2 Bar) |
| **AVERAGE AIR CONSUMPTION** | 8.7 CFM (246 L/Min) |
| **AIR INLET** | 3/8" NPT |
| **HOSE SIZE** | 1/2" I.D. (13 mm) |

| | |
|---|---|
| **MAXIMUM TORQUE** | 1,500 ft-lbs (2,034 Mn) |
| **FREE SPEED** | 5,500 RPM |
| **SQUARE DRIVE** | 3/4" (19 mm) |
| **OVERALL LENGTH** | 8.7" (220mm) |
| **WEIGHT** | 7.59 Lbs (3.44 kg |

# SUGGESTED AIR SUPPLY




1. For best service you should incorporate a regulator, oiler and an inline filter.
2. If you are not using an automatic lubricating system, before operating the tool, add a few drops of Pneumatic Tool Oil to the airline connection. Add more after each hour of constant using.
3. Do not exceed maximum air pressure of 90 PSI/ 6.2 bar or as stated on tool nameplate.

# OPERATION

## OPERATING INSTRUCTIONS

Use accessories recommended by Sunmatch. Check the position of the reversing mechanism before operating the tool so as to be aware of the direction of rotation when operating. Use only impact sockets and accessories. Do not use the hand sockets or accessories. Check the drive end of the tool to make sure that the socket retainer functions correctly and that sockets and drive ends are not excessively worn which may allow the socket to come off when rotating. Connections requiring specific torque must be checked with a torque meter after fitting with an impact wrench.

## LOOSENING

Attach the correct size socket to the anvil. Set the compressor's pressure regulator to 90PSI. Connect the tool to the air compressor's hose. If leakage is detected, disconnect the air hose and fix it correct before use. Place the socket over the nut to loosen. Grip the tool firmly.

## TIGHTENING

Make sure that the nut or bolt you are using the tool to tighten can withstand the rated torque. Tighten the nut as far as you can by hand. Place the socket on the nut. Press the Reverse valve forward so it protrudes out the front of the housing. Please the trigger to start the tool.

# MAINTENANCE

## TOOL USE AND CARE

1. Use support handle or other practical ways to secure and support the work piece to a stable platform.
2. Do not force the tool. Use the correct tool for your application. The correct tool can do the job better and more secure at the rate of tool designed.
3. Disconnect the air supply before making any adjustments, changing accessories, or storing the tool. Always disconnect the air supply before performing any inspection, maintenance, or cleaning the tool.
4. Use only accessories recommended by the manufacturer for your model.
5. Note the position of reversing mechanism before operating the tool so as to be aware of the direction of rotation when operating the throttle.
6. These setting range from minimum power output through maximum power output in the clock-wise direction only. The air wrench will always operate at maximum power output in the counterclockwise direction, no matter what power output level is selected.
7. Do not leave the tool unattended when it is connected to an air supply.
8. Use compressed air only.

## LUBRICATION

Lubricate the tool daily with a good grade of air tool oil. If no air line oiler is used, run a teaspoon of oil through the tool. The oil can be squirted into the tool air inlet, or into the hose at the nearest connection to the air supply, then run the tool. The rust inhibitive oil is acceptable for air tools.