MACHINERY DIRECTIVE 2006/42/EC
DECLARATION OF CONFORMITY

We hereby certify that the Kobe
Retractable PU Air & Water Hose Reels KHR06, KHR08 and KHR10
comply with all the relevant provisions of the Machinery Directive 2006/42/EC
Standards applied: BS EN ISO 12100:2010

Official Agent:
KENNEDY TOOLS
Wigston Works, Leicester, England, LE18 2FS.

Supplied by an ISO 9001 approved company

Signed:
Date: 28th May 2013
Name: Keith Read
Position: HSQE Manager

CE

QUALITY GUARANTEE & WARRANTY

KOBE PRODUCTS carry a one years manufacturers warranty.

KOBE PRODUCTS are designed & produced to the highest standards & specifications

KOBE PRODUCTS 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).
This does not affect your legal rights.

Please retain supplier invoice as proof of purchase.

AVAILABLE FROM YOUR DISTRIBUTOR

KOBE TOOLS Official Agents:
JAPAN: MIKI TOOL TRADING CO. MIKI CITY, JAPAN.
EUROPE, MIDDLE EAST, AMERICA & AFRICA: THE KENNEDY GROUP LTD, WIGSTON, ENGLAND, LE18 2FS

Kobe Tools continually strives to improve its products. Specifications may change without prior notice.

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KOBE™
INDUSTRIAL AIR TOOLS

RETRACTABLE PU AIR & WATER HOSE REELS

MODEL KHR06	MODEL KHR08	MODEL KHR10
ORDER CODE KBE-258-1050K	ORDER CODE KBE-258-1060K	ORDER CODE KBE-258-1070K
6mm x 12m	8mm x 12m	10mm x 10m

- For use on assembly lines, service vans, workshops etc.
- Helps to eliminate air hose entanglement hazards in the workplace
- Can be fixed to the wall or ceiling
- Locking ratchet
- Smooth retraction
- ¼ BSP Male inlet and outlet made from solid brass
- High quality roll formed drive spring
- PU hose rated to 8-30bar (116-435 psi)
- 180° pivoting wall bracket



CE

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

ALWAYS WEAR APPROPRIATE PERSONAL PROTECTIVE EQUIPMENT.

OPERATOR'S MANUAL

Please retain this information for future reference.

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

SAFETY INSTRUCTIONS

KOBE INDUSTRIAL TOOLS have been specifically designed to help you work **SAFELY** and **EFFICIENTLY**. Your care and good judgement are the best protection against injury, but always ensure that the appropriate safety equipment is worn. **Always read the instruction manual for the air tool you are connecting to the Hose Reel.** All possible hazards cannot be covered here, but the most important ones have been highlighted.

ALERTNESS
- Always stay alert, watch what you are doing and use common sense when operating.

SIGHT
- Always wear approved eye protection during operation, repair or maintenance of the air tool and Hose Reel, or whilst changing accessories. Even small projectiles can injure eyes and cause blindness.

HEARING
- Always take measures to eliminate or reduce risks from exposure to noise. High sound levels can cause permanent hearing loss. Always use approved hearing protection.

HANDS, ARMS AND BODY
Cuts and burns
- Always wear gloves to protect hands from cuts and burns.

Vibration and repetitive strain
- Repetitive work motions, awkward positions and exposure to vibration can cause “Repetitive Strain Injuries”. If numbness, tingling, pain or whitening of the skin occurs consult a doctor.
- Always use appropriate safety equipment and take regular breaks.

HAIR, CLOTHING & JEWELLERY
- Always ensure that all long hair and loose clothing, ties, scarves, jewellery, etc., are secured or removed.
- Never wear watches, rings or bracelets whilst using this tool.

CHILDREN AND OTHER PEOPLE
- Always ensure that all others in the area are wearing approved eye, face, respiratory, hearing and body protection.
- Always keep children away from the work area and where tools are stored.
- Never let people who are unfamiliar with the tool use it.

AIR PRESSURE
Air under pressure can cause severe injury.
- Always check for damaged or loose hoses and fittings. Whipping hoses can cause serious injury.
- Never direct air at yourself or anyone else.

GENERAL OPERATING HAZARDS
- Always ensure the Hose Reel is kept in a good working condition. Do not use the Hose Reel if any parts are missing or damaged.
- Always make sure that the labels on the Hose Reel are kept legible, indicating the model number, serial number and any warnings. If not, reorder and replace.
- Never modify the Hose Reel and only use it for the task for which it has been designed.
- Never force or apply excessive pressure on the Hose Reel.

SPECIFIC OPERATING HAZARDS
- Always ensure that if a hose is used between the air supply and the Hose Reel, the pressure rating of the hose is equal to or greater than the pressure rating of the Hose Reel.
- Never allow the hose to rewind uncontrollably.
- Never dismantle the Hose Reel casing. There are no user serviceable parts. All maintenance and repairs must be carried out by an authorised service agent.

WORKPLACE HAZARDS
- Always comply with Health & Safety regulations.
- Always be aware of excess hose around the workplace. Slip/Trip/Fall is a major cause of serious injury or death.
- Always maintain a balanced body position and secure footing.

AIR SUPPLY AND CONNECTION HAZARDS
- Always shut off air supply, drain hose of air pressure and disconnect air tools from air supply when not in use, before changing accessories or when making repairs.
- Always install lock pins when universal twist couplings are used.
- Always use thread sealants where applicable and permitted.
- Never over-tighten or under-tighten fittings.
- Never use quick disconnect couplings at the air tool. See instructions for suggested air supply.
- Never exceed the maximum air pressure of the air tool and the Hose Reel.

SERVICE & REPAIR

A comprehensive repair and service facility is available through your local Kobe agent for the Hose Reel and all your electric and pneumatic tools.





THE ENVIRONMENT

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

Never allow lubricants to contaminate rivers, water ways or drains.

MAINTENANCE & STORAGE

⚠ **Do not dismantle the hose reel casing, or attempt to remove the screws and covers on the sides. To do so may result in damage to the appliance and/or personal injury. There are no user serviceable parts. All maintenance and repairs which require the case to be opened or dismantled should be carried out by an authorised service agent.**

Before carrying out routine maintenance or inspection, vent any pressure remaining in the hose.

The Hose Reel does not require special maintenance as it is lubricated for life.

When required, clean with a damp cloth. Do not use solvents or detergents, as these may permanently damage the plastic.

If you need to store the Hose Reel, firstly ensure that it is clean and dry. Place it in a dark, safe, dry, secure location where the temperature will remain constant. Do not place the Hose Reel in a bag because condensation might occur.

TROUBLESHOOTING

Contact your local Kobe agent for further information about sending your Hose Reel for repair.

FAULT	POSSIBLE CAUSE	SOLUTION
Hose will not retract.	Hose bunching within the reel.	Pull hose out of the reel and guide it back in.
	Spring tension too tight.	Have the spring tension adjusted by an authorised service agent.
	Replacement hose too tight.	Have the correct hose fitted by an authorised service agent.
Reel will not latch.	Releasing tension too quickly.	Release tension more slowly.
	Broken latching pawl.	Have broken part replaced by an authorised service agent.
Reel leaks.	Damaged hose.	Have new hose fitted by an authorised service agent.
	Loose air connection.	Tighten fitting.
	Worn swivel seals.	Have seals replaced by an authorised service agent.

SPECIFICATIONS

MODEL	KHR06	KHR08	KHR10
ORDER CODE	KBE-258-1050K	KBE-258-1060K	KBE-258-1070K
HOSE INSIDE DIAMETER	6mm (1/4")	8mm (5/16")	10mm (3/8")
INLET HOSE LENGTH	1m (3')	1m (3')	1m (3')
HOSE LENGTH	12m (40')	12m (40')	10m (33')
WORKING PRESSURE	8bar (116psi)	8bar (116psi)	10bar (145psi)
MAXIMUM PRESSURE	20bar (290psi)	20bar (290psi)	30bar (435psi)
TEMPERATURE RANGE	-5 to 45°C	-5 to 45°C	-5 to 45°C
INLET CONNECTION	1/4 BSP	1/4 BSP	1/4 BSP
OUTLET CONNECTION	1/4 BSP	1/4 BSP	1/4 BSP
Height	170mm	170mm	107mm
Width	270mm	270mm	300mm
Depth	330mm	330mm	350mm
NET WEIGHT	3.6kg	4kg	5kg

UNPACKING & BOX CONTENTS

It is recommended that the packaging materials (plastic bags, polystyrene, cable ties etc.) are saved for future transportation of the tool in the event of it requiring service or repair. If you decide not to keep them, they must be disposed of in an appropriate refuse collection container. These materials must not be left within the reach of children as they are potential sources of danger.
Make sure the tool is in perfect condition and that there are no visible damaged parts. If in doubt, do not use the tool and contact your local Kobe agent from whom it was purchased.



1 x Hose reel with connection hose.



4 x Wall bracket screws.



4 x Wall plugs.

Quick Release Wall Bracket:
Order Code: KBE-258-1080K
(Sold separately)



1 x Wall/ceiling bracket body.



4 x Wall bracket screws.



4 x Wall plugs.



1 x Bracket screw.

To be able to transport the hose reel conveniently, a quick release wall bracket can be used in conjunction with this product which is available on order code: KBE-258-1080K.

SUGGESTED AIR SUPPLY



Always ensure that if a hose is used between the air supply and the Hose Reel, the pressure rating of the hose is equal to or greater than the pressure rating of the Hose Reel.

Always use thread sealants where applicable and permitted.

Never over-tighten or under-tighten fittings.

Requirements for Quick Acting Couplings connected to Air Tools:
A whip hose of minimum length 500mm between the tool and the coupling is required in order to comply with Health and Safety Executive Guide Compressed Air Safety **HSG39, BS EN ISO 4414:2010 and ISO 6150.**

ASSEMBLY & INSTALLATION

The Hose Reel can be mounted to either a wall or ceiling or the quick release wall bracket which is sold separately **(order code: KBE-258-1080K)** . Ensure the wall, ceiling or other structure to which the Hose Reel is to be attached is of sound construction and the securing points and fixings will hold the working strain exerted onto the Hose Reel when in use. Remember that the Hose Reel will be heavier when it is used to transfer water.

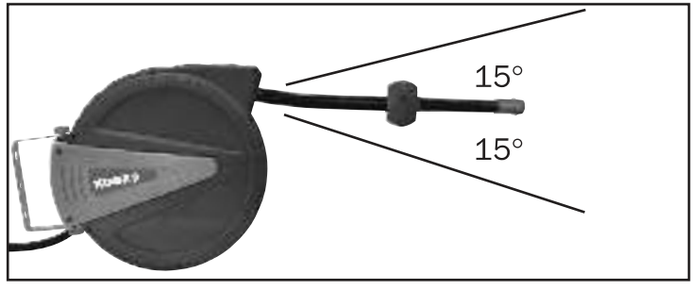


Fig. 1

1. If wall mounting, position the Hose Reel so that the hose is pulled out no more than 15° in an upward or downward direction (See fig. 1). Exceeding this can create undue drag in operation and potentially cause premature wear to the mouth opening of the Hose Reel.
2. To wall mount the reel, position the air hose and mark out the mounting holes for drilling.
3. Drill the holes larger than the screws that will be used to secure the hose reel. Insert the wall plugs into the holes and screw the screws in using an appropriate tool. If using the quick release wall mounting bracket, apply the same methods used to attach the bracket to a wall or ceiling and then slide the air hose onto the bracket. To secure the two parts use the screw supplied with the separate bracket.
4. Before use, check that all fixings are safe and secure, and that the hose extends and retracts with ease.

Continued on page 5

ASSEMBLY & INSTALLATION
Continued

5. Connect the inlet of the Hose Reel with the air.
   Make sure the outlet has a connection on it before slowly switching on the air supply to check for leaks.

REMOVAL

If using the separate wall mounting bracket (order code: KBE-258-1080K) the hose reel can be easily removed for transportation. The hose must be fully retracted before the Hose Reel is removed from the bracket body (See below for how to retract the Hose Reel).
Remove the screw from position “A” and slide the Hose Reel bracket upwards.



Fig. 2

OPERATION

⚠ **Always keep a firm hold of the hose as it is retracting back into the reel. Never allow the hose to fly back uncontrolled as this could cause damage to property, yourself or other people.**

In order to familiarise yourself with the function of the Hose Reel, stand as close as possible to it and follow the steps below:

EXTENDING OUT AND LOCKING

1. Pull the hose out slowly to the length required, release the tension and the hose should lock into position, if it starts to retract then pull the hose out slightly further to engage the locking mechanism of the reel.

WARNING! DO NOT over extend the hose as this will cause the mechanism to malfunction, preventing the hose from retracting.

RETRACTING

1. To release the hose and allow it to automatically rewind, pull the hose out from the locked position and then release the tension on the hose.

WARNING! The reel tension is factory set. If any adjustment is required, contact an authorised service agent.