



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



In observance of European Directive 2012/19/EU on Waste Electrical and Electronic Equipment (WEEE) and its implementation in accordance with national law, electrical goods that have reached the end of their life must be collected separately and returned to an environmentally compatible recycling facility.

Do not dispose of electrical goods with domestic waste materials as inappropriate disposal may cause potential hazards to the environment and human health.

For further information, please contact your local authority or the retailer from whom you purchased the product.

This product does not contain any restricted substances in concentrations and applications which are banned by the European RoHS2 Directive.

DECLARATION OF CONFORMITY

We hereby certify that **KOBE REVERSIBLE CUT-OFF TOOL 76mm**

(ORDER CODE: KBE-270-1200K)

complies with all the relevant provisions of the

Machinery Directive: 2006/42/EC

Standards Applied:

EN ISO 12100:2010 , EN ISO 11148-7:2012 , EN ISO 28927-1:2009, EN ISO 15744:2008

Signed:

Date: 1st October 2017

Name: Keith Read

Position: HSQE Manager.

KOBE TOOLS

THE KENNEDY GROUP LTD, WIGSTON, ENGLAND, LE18 2FS.



QUALITY GUARANTEE & WARRANTY

KOBE INDUSTRIAL POWER TOOLS carry a one year manufacturer's warranty.

KOBE INDUSTRIAL POWER TOOLS are designed & manufactured to the highest standards & specifications

Assuring the quality and performance required by all sectors of industry.

KOBE INDUSTRIAL 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.

KOBETM

INDUSTRIAL AIR TOOLS

REVERSIBLE CUT-OFF TOOL 76mm

MODEL FCT076

ORDER CODE KBE-270-1200K

- For cutting auto panels, light sheet metal, fibreglass, nuts and bolts.
- 18,000rpm.
- Powerful 0.5HP motor.
- Heavy duty disc guard.
- Rubber handle provides grip and operator comfort.
- Speed regulator.
- Safety release throttle.
- Rear exhaust.
- Rotating air inlet.
- Reverse feature to allow for sparks to be deflected away from the work.
- Ball bearing construction for a long tool life.
- Supplied with one 76mm cutting disc.



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



ALWAYS WEAR EYE PROTECTION. IF NECESSARY ALSO USE FACE AND EAR PROTECTION

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 machine will last for many years.

KOBE INDUSTRIAL AIR 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. All possible hazards cannot be covered here, but the most important ones have been highlighted.

GENERAL OPERATING HAZARDS

- Keep clear from all rotating spindles and moving parts
- Ensure that all long hair and loose clothing, ties, scarves, jewellery, etc., are secured or removed
- Always wear approved eye protection during operation, repair or maintenance of the tool, or whilst changing accessories. The operator of the tool is responsible for following accepted eye, face, respiratory, hearing and body protection.
- Ensure that all others in the area are wearing approved eye, face, respiratory, hearing and body protection. Even small projectiles can injure eyes and cause blindness.
- Wear gloves to protect hands from cuts and burns.
- Do not touch accessories during or after use.
- Never disable the safety lever throttle.
- Do not modify tools or accessories and only use for the task for which they have been designed.
- Ensure that all accessories are rated to the "Free" speed of the tool and intact before fitting or using.
- All users must be physically able and competent to handle the size, weight and power of the tools and have received appropriate training to perform the task.
- Note the tool rundown time. Control the tool as if it were under power.

SPECIFIC OPERATING HAZARDS

- Only use 76mm diameter cut-off wheels that are designed for the tool.
- Never operate the tool without the disc cover.
- Keep hands off the disc guard when operating.
- Inspect the discs for cracks or stress before operating.
- Protect accessories from exposure to water, solvents, high humidity, freezing temperature and extreme temperature changes.
- Store accessories in protective racks or compartments to prevent damage.

- The user is responsible for making sure that the specification label on the air tool is kept legible, indicating the model number, serial number and rpm. If not, reorder and replace.

WORKPLACE HAZARDS

- Slip/Trip/Fall is a major cause of serious injury or death. Be aware of excess hose around the work place.
- Maintain a balanced body position and secure footing.
- High sound levels can cause permanent hearing loss. Use approved hearing protection.
- 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.
- Avoid inhaling dust or handling debris from work process which can be harmful to your health.
- This tool is not intended for use in a flammable or combustible atmosphere and is not insulated for contact with electric power sources.
- Use a vice or clamping device to hold the work piece firmly in place.

AIR SUPPLY AND CONNECTION HAZARDS

- Air under pressure can cause severe injury.
- 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 direct air at yourself or anyone else.
- Whipping hoses can cause serious injury. Always check for damaged or loose hoses and fittings.
- Do not use quick disconnect couplings at tool. See instructions for suggested air supply.
- Whenever universal twist couplings are used, lock pins must be installed.
- Do not exceed maximum air pressure of 90psi/6.2bar.
- Do not carry the tool by the air hose.

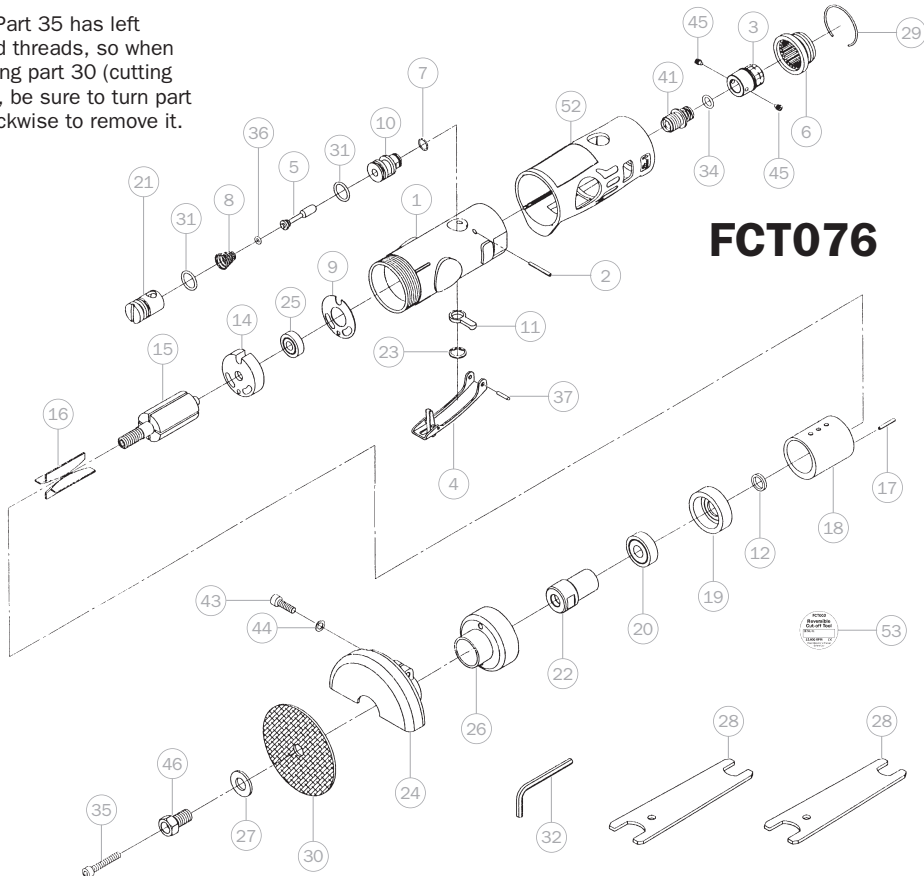
FREE SPEED	18,000rpm
DISC SIZE	3" (76mm)
AIR INLET THREAD	1/4"NPT
AIR HOSE SIZE (ID)	3/8"(10mm)
AIR PRESSURE	90PSI (6.2Bar)
MOTOR POWER	0.5HP
AIR CONSUMPTION	4CFM*

OVERALL LENGTH	185mm
NET WEIGHT	950g

This Tool Produces a Noise Level of 98 dBA Sound Pressure and 103 dBA Sound Power Per Pneurop Standard EN ISO 15744:2008. Vibration Level is 0.5m/s² tested per EN ISO 28927-1:2009.

*Air consumption without load in 1 minute.

Note: Part 35 has left handed threads, so when removing part 30 (cutting wheel), be sure to turn part 35 clockwise to remove it.



FCT076

No.	Order Code	Description	No.	Order Code	Description
1	.KBE-298-3600S	Motor housing	23	.KBE-298-3621S	Retaining ring (ISTW-10)
2	.KBE-298-3601S	Spring pin (2.5x22)	24	.KBE-298-3622S	Disc cover
3	.KBE-298-3602S	Air inlet	25	.KBE-298-3623S	Ball bearing (607zz)
4	.KBE-298-3603S	Throttle lever	26	.KBE-298-3624S	Clamp nut
5	.KBE-298-3604S	Valve stem	27	.KBE-298-3625S	Washer (3/8")
6	.KBE-298-3605S	Deflector	28	.KBE-298-3626S	Double ended spanner (2) (14-19)
7	.KBE-298-3606S	"O" ring (8x1)	29	.KBE-298-3627S	Retainer ring
8	.KBE-298-3607S	Spring	30	.KEN-230-0020K	Cutting disc (76mm)
9	.KBE-298-3608S	Motor gasket	31	.KBE-298-3629S	"O" ring (2) (12.42x1.78)
10	.KBE-298-3609S	Reverse valve	32	.KBE-298-3630S	Hexagon key wrench (4mm)
11	.KBE-298-3610S	Reverse lever	34	.KBE-298-3631S	"O" ring (7.65x1.78)
12	.KBE-298-3611S	Rotor spacer	35	.KBE-298-3632S	Screw (L M5x35)
14	.KBE-298-3612S	Rear end plate	36	.KBE-298-3633S	"O" ring (3.5x1.5)
15	.KBE-298-3613S	Rotor	37	.KBE-298-3634S	Spring pin (3x18)
16	.KBE-298-3614S	Rotor blade (4)	41	.KBE-298-3635S	Fixed shaft
17	.KBE-298-3615S	Spring pin (2.5x16)	43	.KBE-298-3636S	Screw (M5x16)
18	.KBE-298-3616S	Cylinder	44	.KBE-298-3637S	Spring washer (M5)
19	.KBE-298-3617S	Front end plate	45	.KBE-298-3638S	Set screw (2) (M4x5)
20	.KBE-298-3618S	Ball bearing (6000zz)	46	.KBE-298-3639S	Screw
21	.KBE-298-3619S	Air regulator	52	.KBE-298-3640S	Rubber grip
22	.KBE-298-3620S	Spindle	53	.KBE-298-3641S	Specification label



1 x Cut-off Tool with one 76mm cutting disc.
For disc designation please refer to accessory on page 5.

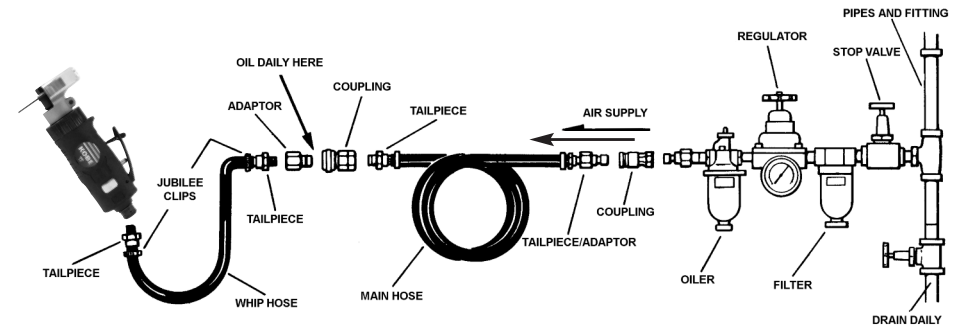


2 x Spanners.



1 x Hexagon key.

SUGGESTED AIR SUPPLY



Connect tools to the air line using pipe, hose and fitting sizes listed in the specifications.

Supply tools with 90psi/6.2bar 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 leader hose of minimum length 500mm between the tool and the coupling is required in order to comply with Health and Safety Executive Guide **HS(G) 39, BS4575:2, ISO 4414 and ISO 6150.**

LUBRICATION

Air tools require lubrication throughout the life of the tool otherwise moisture in the compressed air will rust the air motor. Correct lubrication is vital for the maximum performance of the cut-off tool and an airline lubricator should be fitted into the system down stream of the filter. 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 a teaspoon of air motor oil to the inlet or into the hose at the nearest connection to the air supply once a day and then run the tool (See fig 1). ISO Grade VG22 oil is recommended. A rust inhibitive oil is acceptable for air tools.

Any excess oil in the motor is expelled immediately from the exhaust port. Always direct the exhaust port away from people or objects.

Do not lubricate the Cut-off Tool with flammable or volatile liquids such as kerosene, diesel or jet fuel.

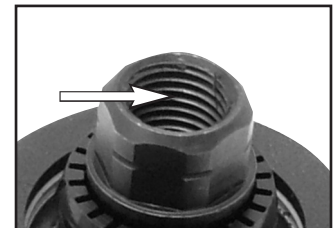


Fig. 1

1. Remove the plastic dust cap using a pair of pliers (See fig. 2).
2. Connect the cut-off tool to the air supply using a whip hose.
3. Use your thumb to move the safety bar forwards before squeezing the throttle lever (See fig. 3).
4. The air speed can be regulated by turning the brass knob with a flat ended screwdriver to achieve a High or Low speed (See fig. 4).
5. The direction of the wheel can be altered by moving the forward/reverse lever (See fig. 5). This enables the user to direct sparks away from the piece of work.
6. The disc guard can be positioned at any position around the disc by loosening the screw with the hexagon key provided (See fig. 6). Never completely remove the disc cover.
7. Allow the tool to run up to its maximum speed, preferably under a workbench, before applying to the workpiece.
8. Beware of the tool running on for some time after the throttle lever is released.



Fig. 2



Fig. 3

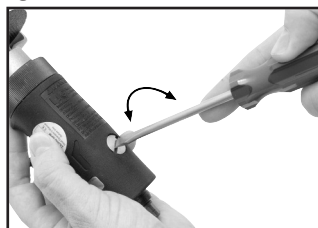


Fig. 4



Fig. 5



Fig. 6

CHANGING THE CUTTING DISC

ONLY USE 76mm DIAMETER CUTTING DISCS.

1. Always disconnect the Cut-off Tool from the air supply before changing the cutting disc.
2. Place the spanner on the spindle and unscrew the cap screw in a clockwise direction and remove it (See fig. 7).
3. Again holding the spindle with the spanner, remove the bolt in a counterclockwise direction (See fig. 8).
4. Remove the washer (See fig. 9).
5. Replace the cutting disc with the steel mounting flange facing out and then replace the washer, the bolt and the screw.

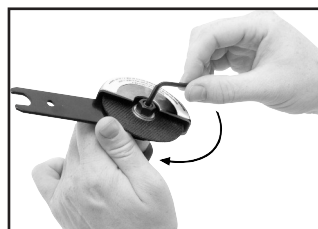


Fig. 7

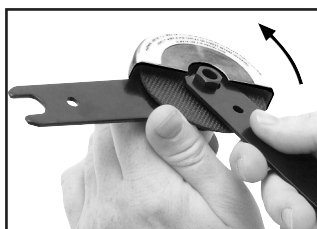


Fig. 8



Fig. 9

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 hose and take it to your local Kobe agent.

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.

Replace as necessary all "O" rings, bearings and rotor blades (See Spare Parts Breakdown). It is recommended that adequate stocks of standard service parts are held for servicing requirements.

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

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. Remember to quote tool model number and spare part number when ordering spares.

When disposing of components, lubricants, etc. ensure that relevant environmental procedures are carried out.

SERVICE & REPAIR

Servicing should be carried out at intervals of 1000 hours use or every 12 months, whichever is sooner.

A comprehensive repair and service facility is available through your local agent.

