THE ENVIRONMENT

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.

RoHS

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 HIGH SPEED MINI DIE GRINDER

(ORDER CODE: KBE-270-2035M)

complies with all the relevant provisions of the

Machinery EN ISO 12100:2010

Standards Applied: EN ISO 11148-9:2011, ISO 28927-12 & EN ISO 15744:2008

Signed:

Date: 1st January 2017

Name: Keith Read

Position: HSQE Manager.

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

CE

QUALITY GUARANTEE & WARRANTY

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

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

KOBE INDUSTRIAL 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 TOOLS OFFICIAL AGENT: THE KENNEDY GROUP, WIGSTON. LEICESTER, ENGLAND. LE18 2FS
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KOBE™
INDUSTRIAL AIR TOOLS

HIGH SPEED MINI DIE GRINDER

MODEL:
GD2806L

ORDER CODE:
KBE-270-2035M



- **Front Exhaust**
- **Built-in Regulator**
- **Safety Lever Throttle**
- **Ultra Compact & Lightweight**
- **For Precision Engineers, Mould Making etc.**

CE

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 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.

- Always adhere to the processes and safety warnings, which are stated in the instruction manual.

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 avoid accidental starting of the tool by disconnecting it before replacing accessories or repairing.
- Always be aware of the tool rundown time.
- Never allow routine to lead to mistakes.
- Never operate if any parts are missing or damaged.
- Never allow untrained persons to operate the tool.

WORKPLACE HAZARDS

- Always ensure your working area is clean and well lit.
- When working at height make sure that the tool is safely secured and be aware of objects falling below. Make sure that no persons are working directly below the working area.
- Do not operate in explosive atmosphere, for instance extreme dust, gases and liquids.
- Keep children and bystanders away while operating the tool. Distractions can cause you to lose control.
- Never run the tool in areas exposed to water or in damp conditions.

PERSONAL PROTECTION

- Always wear approved eye protection during operation. Use safety glasses or goggles which conform to BSEN136 or CE equivalent that provide protection from the front and side. The operator of the power tool is responsible for following accepted eye, face, respiratory, hearing and body protection.
- Always ensure that all long hair and loose clothing, ties, scarves, jewellery, etc., are secured or removed.
- Always consult a doctor if numbness, tingling, pain or whitening of the skin occurs. Repetitive work motions, awkward positions and exposure to vibration can cause “Repetitive Strain Injuries”.
- When operating the tool stay alert and use common sense, especially when it comes to working at height. Be aware of what’s below you.
- Do not overreach. Keep a proper balance and footing at all times.
- Do not use the tool if under the influence of alcohol, drugs or medication.

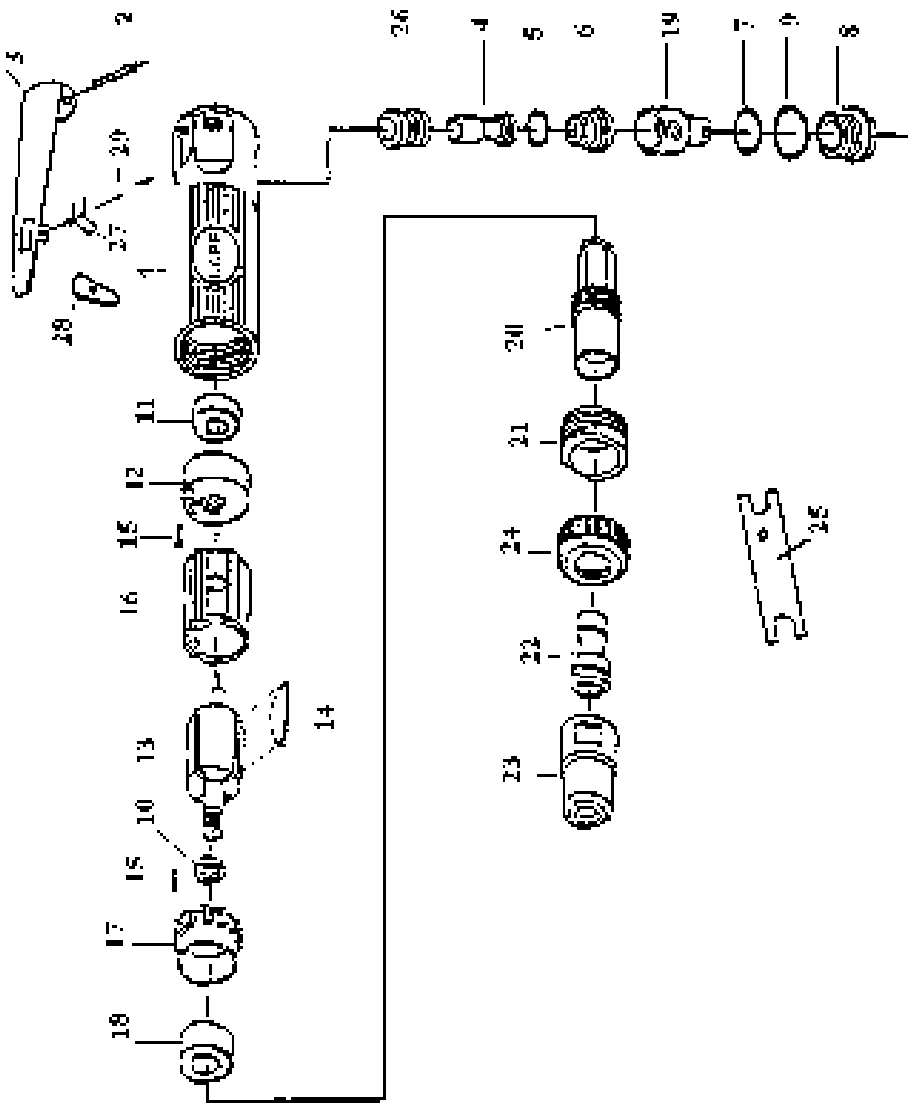
SPECIFIC SAFETY INSTRUCTIONS

- Always ensure all accessories are rated to the “Free” speed of 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.

PARTS BREAKDOWN

No.	Order Code	Description
1	KBE-298-1996S	Motor Housing
2	KBE-298-1999S	Pin
3	KBE-298-1789S	Safety Throttle Lever
4	KBE-298-2005S	Throttle Valve
5	KBE-298-2008S	O-Ring
6	KBE-298-2011S	Valve Spring
7	KBE-298-2014S	O-Ring
8	KBE-298-2017S	Valve Screw
9	KBE-298-2020S	O-Ring
10	KBE-298-2023S	Spacer
11	CES-298-0696P	Ball Bearing (2)
12	KBE-298-2029S	Rear End Plate
13	KBE-298-1918S	Rotor
14	KBE-298-1921S	Rotor Blades (4)
15	KBE-298-2038S	Pin (2)
16	KBE-298-1924S	Cylinder
17	KBE-298-2044S	Front End Plate
18	CES-298-0609B	Ball Bearing
19	KBE-298-2050S	Air Regulator
20	KBE-298-2053S	Spindle Chuck
21	KBE-298-2056S	Retainer
22	KBE-280-0070A	Collet 6mm
23	KBE-280-0067A	Collet Nut
24	KBE-298-2065S	Housing Cap
25	KBE-280-0085A	Double End Spanner (2)
26	KBE-298-2071S	Throttle Valve
27	KBE-298-1867S	Spring
28	KBE-298-1870S	Safety Bar
29	KBE-298-1873S	Spring Pin
		Optional Accessories Available
	KBE-280-0073A	Collet 3mm
	KBE-280-0076A	Collet 1/4”
	KBE-280-0079A	Collet 1/8”

PARTS BREAKDOWN

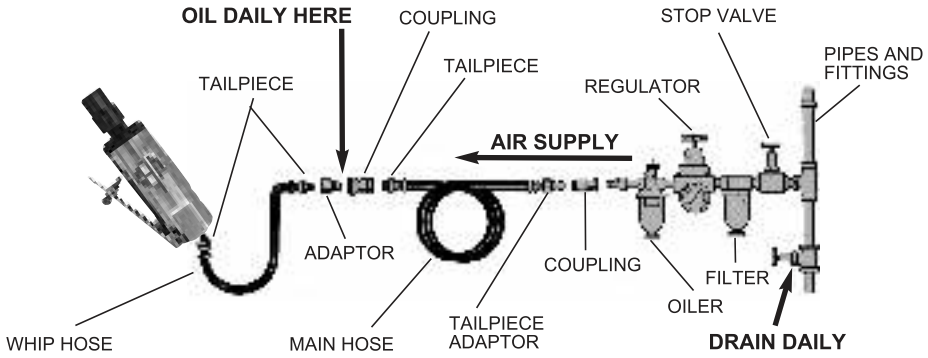


SPECIFICATIONS

MODEL NUMBER	**GD2806L**
FREE SPEED	25,000rpm
COLLET SIZE	6mm
AIR INLET THREAD	1/4NPT
AIR HOSE SIZE (ID)	10mm
AIR PRESSURE	90PSI
AIR CONSUMPTION	4CFM*
OVERALL LENGTH	121mm
WEIGHT	0.3kg

*Based on 15 second cycle per minute average use.

SUGGESTED AIR SUPPLY



1. For optimal results 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 air-line 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

WARNING! BEFORE ATTEMPTING TO USE THIS PRODUCT, MAKE SURE YOU ARE FAMILIAR WITH ALL OPERATING AND SAFETY INSTRUCTIONS.

1. Use support handle or method to secure and support the work piece to a stable platform.
2. Do not force the tool. Use the correct tool for your application. Using the correct tool which is specifically designed for a select job will provide better tool performance and make the job easier.
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 tool cleaning.
4. Use only accessories recommended by the manufacturer for your model.
5. When using a tool that is designed to have a guard, the guard should be in place to provide protection from flying debris, grinding residue or sparks.
6. Do not leave the tool unattended when it is connected to an air supply.
7. Use compressed air only.

Check the position of the reversing mechanism before operating the tool so as to be aware of the direction of rotation when operating.
Before switching on the tool, make sure that the grinding stone or rotating file is correctly assembled and properly tightened.

ASSEMBLY OF THE GRINDING STONE/ ROTATING FILE

The die grinder must be disconnected from the compressed air supply. Loosen the collet, then put the shank of grinding stone or rotating file in the collet as deep as possible.
Tighten it securely use the two wrenches included with the grinder.

WARNING!

- **ALWAYS** use the right tool for the job - DO NOT improvise by using accessories not designed for the tool or job.
- **ALWAYS** inspect the air tool for cracks or excessive wear before connecting and during use.
- Be careful not to over tighten fasteners.

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.

LUBRICATION

Lubricate the tool daily with a high 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, prior to operating the tool. The rust inhibitive oil is acceptable for air tools.

SERVICE & REPAIRS

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



