



说明书材质要求: 105g 有光铜版纸	说明书成品尺寸: 105x143mm
第一: 专色+CMYK油墨要求: 1.K色油墨: 洒联黑墨	第二: 特别注意: 暂无
	 Black (单色印刷)
折叠方式: 风琴折 (20P 以下 用风琴折) / 骑马钉 (20P 以上 用骑马钉) 特殊情况: 16P/20P: 风琴折 + 对折	备注:

特别注意: 此页内容不印刷

风琴折 + 对折 页面顺序

16P 页面顺序

9	10	11	封面
12	13	14	封底

1	2	3	4
5	6	7	8

20P 页面顺序

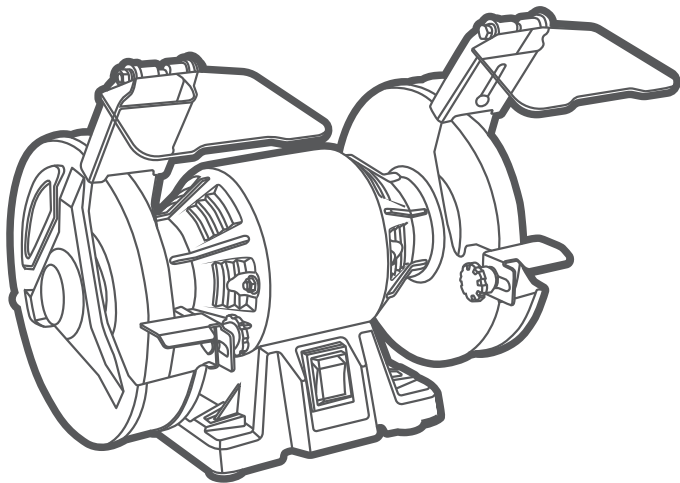
11	12	13	14	封面
15	16	17	18	封底

1	2	3	4	5
6	7	8	9	10

更改记录	1. 更新板式, 添加货号			1. 去掉回形标记			1. 增加JDBG1A1501-85		
	0625.J02	2024.6.7	LY	1125.J03	2025.11.5	Hao	0226.J04	2026.2.25	LYD
	版本号	日期	设计师	版本号	日期	设计师	版本号	日期	设计师

Jadever

BENCH GRINDER



JDBG1A1501 JDBG1A1501-85 UJDBG1A1501
JDBG1A1501xy UJDBG1A1501xy
x(blank,1,2,3,4,5,6,7,8,9,E,S,A,M)
y(blank,-1,-2,-3,-4,-5,-6,-7,-8,-9,E,S,A,M)

**PRODUCT
MANUAL**

GENERAL POWER TOOL SAFETY WARNINGS

⚠ WARNING! Read all safety warnings, instructions, illustrations and specifications provided with this power tool. *Failure to follow all instructions listed below may result in electric shock, fire and/or serious injury.*

Save all warnings and instructions for future reference.

The term "power tool" in the warnings refers to your mains-operated (corded) power tool or battery-operated (cordless) power tool.

1) Work area safety

- a) **Keep work area clean and well lit.** *Cluttered or dark areas invite accidents.*
- b) **Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases or dust.** *Power tools create sparks which may ignite the dust or fumes.*
- c) **Keep children and bystanders away while operating a power tool.** *Distractions can cause you to lose control.*

2) Electrical safety

- a) **Power tool plugs must match the outlet. Never modify the plug in any way.** **Do not use any adapter plugs with earthed (grounded) power tools.** *Unmodified plugs and matching outlets will reduce risk of electric shock.*
- b) **Avoid body contact with earthed or grounded surfaces, such as pipes, radiators, ranges and refrigerators.** *There is an increased risk of electric shock if your body is earthed or grounded.*
- c) **Do not expose power tools to rain or wet conditions.** *Water entering a power tool will increase the risk of electric shock.*
- d) **Do not abuse the cord. Never use the cord for carrying, pulling or unplugging the power tool. Keep cord away from heat, oil, sharp edges or moving parts.** *Damaged or entangled cords increase the risk of electric shock.*
- e) **When operating a power tool outdoors, use an extension cord suitable for outdoor use.** *Use of a cord suitable for outdoor use reduces the risk of electric shock.*
- f) **If operating a power tool in a damp location is unavoidable, use a residual current device (RCD) protected supply.** *Use of an RCD reduces the risk of electric shock.*

3) Personal safety

- a) **Stay alert, watch what you are doing and use common sense when operating a power tool. Do not use a power tool while you are tired or under the influence of drugs, alcohol or medication.** *A moment of inattention while operating power tools may result in serious personal injury.*
- b) **Use personal protective equipment. Always wear eye protection.** *Protective equipment such as a dust mask, non-skid safety shoes, hard hat or hearing protection used for appropriate conditions will reduce personal injuries.*
- c) **Prevent unintentional starting. Ensure the switch is in the off-position before connecting to power source and/or battery pack, picking up or carrying the tool.** *Carrying power tools with your finger on the switch or energising power tools that have the switch on invites accidents.*
- d) **Remove any adjusting key or wrench before turning the power tool on.** *A wrench or a key left attached to a rotating part of the power tool may result in personal injury.*
- e) **Do not overreach. Keep proper footing and balance at all times.** *This enables better control of the power tool in unexpected situations.*
- f) **Dress properly. Do not wear loose clothing or jewellery. Keep your hair and clothing away from moving parts.** *Loose clothes, jewellery or long hair can be caught in moving parts.*
- g) **If devices are provided for the connection of dust extraction and collection facilities, ensure these are connected and properly used.** *Use of dust collection can reduce dust-related hazards.*
- h) **Do not let familiarity gained from frequent use of tools allow you to become complacent and ignore tool safety principles.** *A careless action can cause severe injury within a fraction of a second.*

4) Power tool use and care

- a) **Do not force the power tool. Use the correct power tool for your application.** *The correct power tool will do the job better and safer at the rate for which it was designed.*
- b) **Do not use the power tool if the switch does not turn it on and off.** *Any power tool that cannot be controlled with the switch is dangerous and must be repaired.*
- c) **Disconnect the plug from the power source and/or remove the battery**

pack, if detachable, from the power tool before making any adjustments, changing accessories, or storing power tools. *Such preventive safety measures reduce the risk of starting the power tool accidentally.*

- d) **Store idle power tools out of the reach of children and do not allow persons unfamiliar with the power tool or these instructions to operate the power tool. *Power tools are dangerous in the hands of untrained users.***
- e) **Maintain power tools and accessories. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the power tool's operation. If damaged, have the power tool repaired before use. *Many accidents are caused by poorly maintained power tools.***
- f) **Keep cutting tools sharp and clean. *Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.***
- g) **Use the power tool, accessories and tool bits etc. in accordance with these instructions, taking into account the working conditions and the work to be performed. *Use of the power tool for operations different from those intended could result in a hazardous situation.***
- h) **Keep handles and grasping surfaces dry, clean and free from oil and grease. *Slippery handles and grasping surfaces do not allow for safe handling and control of the tool in unexpected situations.***

5) Service

- a) **Have your power tool serviced by a qualified repair person using only identical replacement parts. *This will ensure that the safety of the power tool is maintained.***

THE SYMBOLS IN INSTRUCTION MANUAL

	Read the instruction manual before using.
	CE conformity.
	Safety alert. Please only use the accessories supported by the manufacturer.
	Wear safety glasses, hearing protection and dust mask.
	Always wear eye protection
	Waste electrical products should not be disposed of with household waste. Please recycle where facilities exist. Check with your Local Authority or retailer for recycling advice.

ADDITIONAL SAFETY WARNINGS

Bench grinder safety warnings

- a) **Do not use a damaged accessory.** Before each use, inspect the accessory such as abrasive wheels for chips and cracks. After inspecting and installing an accessory, position yourself and bystanders away from the plane of the rotating accessory and run the power tool at maximum no-load speed for one minute. *Damaged accessories will normally break apart during this test time.*
- b) **The rated speed of the accessory must be at least equal to the maximum speed marked on the power tool.** *Accessories running faster than their rated speed can break and fly apart.*
- c) **Never grind on the sides of a grinding wheel.** *Grinding on the side can cause the wheel to break and fly apart.*

Additional safety warnings

- a) **The grinding wheel must match the machine.** *Observe the maximum grinding wheel diameter and thickness. The hole diameter must match the back flange without play.*
- b) **Do not use adapters or reducers.**
- c) **Do not drill grinding wheels.**
- d) **Do not trim grinding wheels.**
- e) **The grinding wheels must be fitted perfectly and turn freely.**
- f) **Prior to using the grinding wheels, ensure that they are free from defects.** *A sound inspection has to be carried out to detect cracks.*
- g) **Damaged, eccentric or vibrating or deeply furrowed sanding discs must not be used.**
- h) **When clamping the grinding wheels, only the flanges included in the delivery must be used.** *The intermediate layers between flange and grinding tool must be made of elastic materials, e.g., soft cardboard etc.*
- i) **Protect grinding wheels against shocks, bumps and grease.**
- j) **Grinding discs must be stored and handled with care in accordance with the manufacturer's instructions.**
- k) **Do not touch the rotating grinding wheel!**
- l) **Always use the guard, the workpiece support, the transparent guard/eye preservers and the spark deflector as required for the tools.**

- m) **Swivel the eye preservers downwards before grinding.**
- n) **Use the perimeter (not the sides) of the grinding wheels for grinding.**
- o) **Do not reduce the speed of the grinding wheel by pressing on the sides.**
- p) **The workpiece to be processed must be large enough, or small enough, to be held safely with both hands.**
- q) **Only work when the grinding wheels are fitted to minimize the risk of coming into contact with the rotating spindle.**
- r) **High temperatures can result after long-term operation.**

RESIDUAL RISKS

Even when the power tool is used as prescribed it is not possible to eliminate all residual risk factors. The following hazards may arise in connection with the power tool's construction and design:

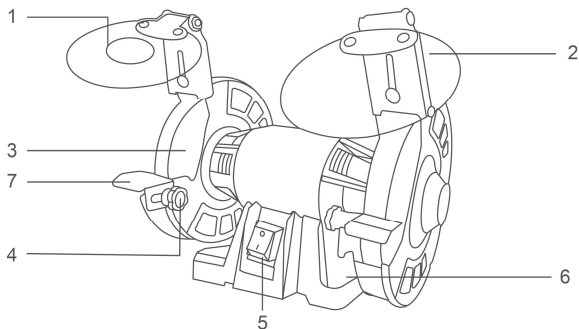
- a) Health defects resulting from vibration emission if the power tool is being used over longer period of time or not adequately managed and properly maintained.
- b) Injuries and damage to property to due to broken accessories that are suddenly dashed.

WARNING!

This power tool produces an electromagnetic field during operation. This field may under some circumstances interfere with active or passive medical implants. To reduce the risk of serious or fatal injury, we recommend persons with medical implants to consult their physician and the medical implant manufacturer before operating this power tool.

INTENDED USE

The bench grinder is suitable for dry, peripheral grinding of metals - only in dry rooms and for occasional grinding. The workpiece is guided by hand.

SPECIFICATIONS**Components**

- | | |
|--------------------------------------|-------------------|
| 1. Eye shield | 5. Switch |
| 2. Spark arrester/eye shield bracket | 6. Mounting holes |
| 3. Grinding wheel | 7. Work rest |
| 4. Work rest fixing knob | |

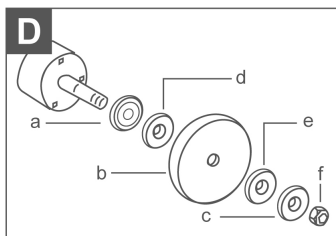
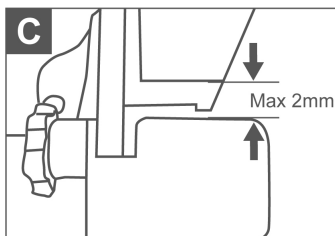
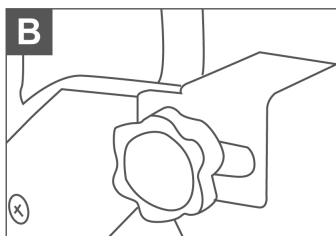
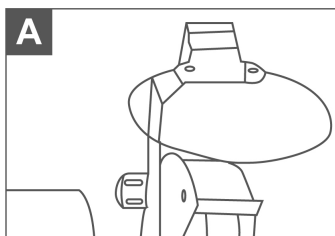
Technical specifications

Model No.	JDBG1A1501 JDBG1A1501xy	JDBG1A1501-85	UJDBG1A1501 UJDBG1A1501xy
Rated power input	200W	200W	200W
Rated voltage	220-240V~50Hz	220-240V~60Hz	110-120V~60Hz
No-load speed	2900rpm	3500rpm	3500rpm
Wheel diameter	150mm (6")	150mm (6")	150mm (6")
Net weight	5.26kg	5.26kg	5.26kg

Model No. NOTE: x (blank, 1,2,3,4,5,6,7,8,9,E,S,A,M); y (blank, -1,-2,-3,-4,-5,-6,-7,-8,-9,E,S,A,M)

- Due to our continuing program of research and development, the specifications herein are subject to change without notice.

OPERATION PICTURE



OPERATION

Assembly instructions (see Figure A)

Before use, the eye shields/spark arresters must be fitted to the grinder. Remove both eye shields from packaging, position the shields over the two mounting brackets above the grinding wheels with the flanges of the spark arrester facing away from you, fix with the screw and washer provided. At this stage do not fully tighten. (see Figure A)

Work rest adjustment (see Figure B, C)

Take the work rest out of the package, fix on the grinder with the knob and washer provided as shown in Figure B.

The gap between the rests and the wheels should be checked before use. Measure the gap between the grinding wheel and the rests; this should be as small as possible not greater than 2 mm, if not, loosen the two knobs on each of the rests, set the correct gap and fully tighten. (see Figure C) The gap must be maintained as the wheel wears.

Operating

Make sure grinder is securely mounted; mounting holes are provided in the base of the grinder for this purpose, but the screws are not provided. Plug in the mains supply and push the On/Off switch right to the on position. Switch off and unplug the grinder when not in use.

Changing grinding wheels (see Figure D)

To change the grinding wheels, first unplug from mains supply then remove the eye shield brackets, then undo and remove the three screws holding the wheel guard covers in place. Remove the cover. Undo and remove the two wheels retaining nuts (f). You may have to hold the wheel and give the spanner a firm tap with a soft-headed hammer to release the nut, take off the large domed washer (c), paper washer (e) and remove the wheels (b).

MAINTENANCE&MALFUNCTIONS

Possible malfunctions and methods of their eliminations

Malfunction	Probable causes	Actions
When the machine is turned on, the electric motor does not work.	● Switch failure. ● The power cord or wiring is broken, power cord plug malfunction; ● No brush contact with the collector; ● Wear/damage of brushes	Disconnect the machine from the mains and contact a qualified specialist.
Formation of a circular fire on the collector	● Brush wear/damage of the brush holder; ● Malfunction in the armature coil	Disconnect the machine from the mains and contact a qualified specialist. Please don't repair the machine by your own.
When working, smoke or the smell of burning insulation appears from the ventilation openings.	● Malfunction in the electric motor coil; ● Malfunction of the electrical part of the tool.	
Increased noise in the gearbox	● Wear/breakage of gears or bearings	
When the machine is turned on, the spindle does not rotate	● Gearbox failure.	

Critical state criteria

Critical state criteria	Probable causes	Actions
Cracks on the surfaces of bearing and housing parts	Fatigue deformation of metal	Disconnect the machine from the mains and contact a qualified specialist. Please don't repair the machine by your own.
The power cord or plug is damaged	Overload or breakage	
Excessive wear or damage to the motor or reductor mechanism, or a combination of signs	Fatigue deformation of metal	

Critical state criteria

List of critical failures	Actions
Electric motor sparking	It is necessary to contact a qualified specialist
The appearance of extraneous noise	It is necessary to contact a qualified specialist
If the above malfunctions are detected, it is necessary to disconnect the machine from the mains and contact a qualified specialist	



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