

# WOKIN

786450

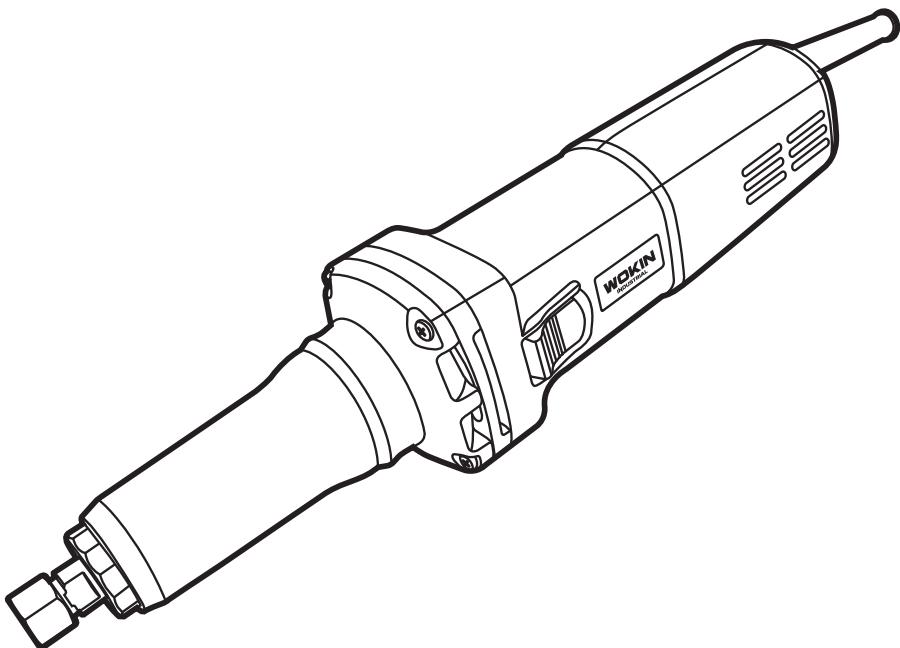
## DIE GRINDER

### INSTRUCTION MANUAL

INDUSTRIAL

220-  
230V  
50/60Hz

550W



CE



#### SAVE THIS MANUAL!

You will need this manual for safety instructions, operating procedures and warranty. Put it and the original sales receipt in a safe dry place for future reference.

## IMPORTANT SAFETY INFORMATION

### General Power Tool Safety Warnings

#### WARNING:

**Read all safety warnings and all instructions. Failure to follow all warnings and instructions 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 refer to your mains operated (corded) power tool or battery operated (cordless) power tool.**

### Work area safety

1. Keep work area clean and well lit. Cluttered and dark areas invite accidents.
2. 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.
3. Keep children and bystanders away while operating a power tool. Distractions can cause you to lose control.

### Electrical safety

1. 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.
2. 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.
3. Do not expose power tools to rain or wet conditions. Water entering a power tool will increase the risk of electric shock.
4. 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.
5. 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.
6. If operating a power tools in a damp location is unavoidable, use a residual current device (RCD) protected supply. Use of an RCD reduces the risk of electric shock

## **Personal safety**

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1. 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.
2. Use safety equipment. Always wear eye protection. Protective equipment such as dust mask, non-skid safety shoes, hard hat, or hearing protection used for appropriate conditions will reduce personal injuries.
3. Avoid accidental starting. Ensure the switch is in the off position before plugging in. Carrying power tools with your finger on the switch or plugging in power tools that have the switch on invites accidents.
4. 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.
5. Do not overreach. Keep proper footing and balance at all times. This enables better control of the power tool in unexpected situations.
6. Dress properly. Do not wear loose clothing or jewellery. Keep your hair, clothing and gloves away from moving parts. Loose clothes, jewellery or long hair can be caught in moving parts.
7. If devices are provided for the connection of dust extraction and collection facilities, ensure these are connected and properly used. Use of these devices can reduce dust related hazards.

## **Service**

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1. 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

## **Straight Grinder Safety Warnings**

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1. Operator is recommended to wear goggles when operating the tool. Don't touch your face or hand near to the rotating parts.
2. The max speed of sanding head used for the grinder should 35m/s.
3. Don't use water or liquid on the tool.
4. When working, the sanding head may produce sparkle. Please put things flammable or explosive far away from the tool.
5. If the extended cord need, please only use the same type of cord as on the tool itself.

## SPECIFICATIONS

## Technical specifications

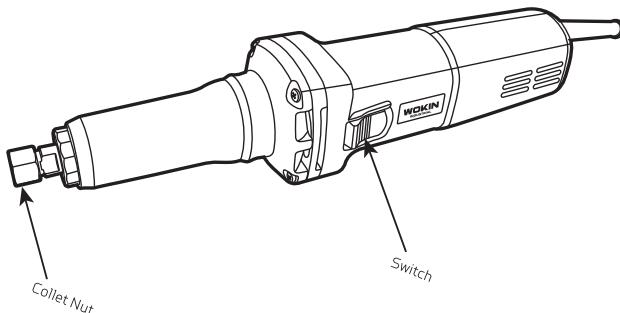
Voltage	220~230V 50Hz
Power	550W
Max Grinding Diameter	38mm
No load speed	$n_0: 7000-34000\text{r/min}$
collet size	1/4"/6mm

## Note: Symbology

Pay attention to all the signs and symbols shown in these instructions and on your tool. Make a note of these signs and symbols. If you interpret the signs and symbols correctly, your work with the machine will be safer and better.

	Read the instructions for use before starting the machine.
	Wear safety goggles.
	Wear ear protection.
	Wear good quality, strong gloves.
	Always use breathing apparatus when machining materials which generate dust.
	<b>WARNING</b>

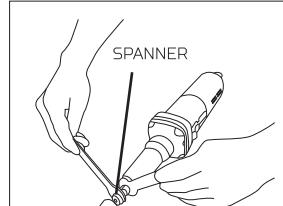
## FUNCTIONS



## OPERATION REGULATIONS

### Assemble And Disassemble The Sanding Head

Please put on of spanner on spindle, and use another spanner screw out the collet nut. The direction of clockwise is to fixing the sanding head. The direction of un-clockwise is take the sanding head off. [figure 1]



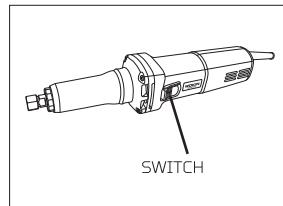
[figure 1]

### SWITCH "ON" AND "OFF" OPERATION

**Warning: Before plug the angle grinder into the power socket, please make sure the spindle lock is on "OFF" position.**

To turn the angle grinder into switch "ON" position, then the tool is for working.

To switch the angle grinder into switch "OFF" position, then the tool is off. [Figure 2].



[figure 2]

## SERVICE AND MAINTENANCE

1. Always disconnect the tool before carrying out inspection or cleaning. Never use water or other liquids to clean the tool. Clean the tool by brushing it with a brush
2. The air-vent of the tool should be cleaned regularly to avoid the motor too hot due to air-vent blocked
3. Always check if the components of the tool are fixed well.
4. The housing should be without trace of crack or damage
5. Always check if the cable is without damage

### Replacing The Carbon Brushes

1. Replacing the carbon brushes, when the tool couldn't run or too much sparkle.
2. Carbon brushes which are worn out (burned, broken or shorter than 5mm) have to be replaced by new ones.
3. Always replace both carbon brushes at the same time and use the brush by original manufacturer.
4. Because the carbon brush is internal, so please change the brushes by our maintenance service center.
5. After placing the new carbon brushes, let the tool run for some minutes so that the brushes fit better.

## TROUBLESHOOTING

Problem	Possible causes	Likely Solutions
Tool will not start.	1. Cord not connected. 2. No power at outlet. 3. Tool's thermal reset breaker tripped (if equipped). 4. Internal damage or wear. (Carbon brushes or switch, for example.)	1. Check that cord is plugged in. 2. Check power at outlet. If outlet is unpowered, turn off tool and check circuit breaker. If breaker is tripped, make sure circuit is right capacity for tool and circuit has no other loads. 3. Turn off tool and allow to cool. Press reset button on tool. 4. Have technician service tool.
Tool operates slowly.	1. Excess pressure applied to workpiece. 2. Power being reduced by long or small diameter extension cord.	1. Decrease pressure, allow tool to do the work. 2. Eliminate use of extension cord. If an extension cord is needed, use one with the proper diameter for its length and load.
Performance decreases over time.	Carbon brushes worn or damaged.	Have qualified technician replace brushes.
Excessive noise or rattling.	Internal damage or wear. (Carbon brushes or bearings, for example.)	Have technician service tool.
		1. Allow tool to work at its own rate. 2. Keep cutting chisels sharp. Replace as needed. 3. Wear ANSI-approved safety goggles and NIOSH-approved dust mask/respirator while blowing dust out of motor using compressed air. 4. Eliminate use of extension cord. If an extension cord is needed, use one with the proper diameter for its length and load. See Extension Cords in GROUNDING section.
Tool does not grind, sand or brush effectively.	1. Disc accessory may be loose on Spindle. 2. Disc accessory may be damaged, worn or wrong type for the material.	1. Be sure disc accessory is of correct dimension and Flange Arbor Nut is tight. 2. Check condition and type of disc accessory. Use only proper type of disc accessory in good condition.



Follow all safety precautions whenever diagnosing or servicing the tool. Disconnect power supply before service.

# CE DECLARATION OF CONFORMITY

WE  
ZJG WOKIN INDUSTRIAL CO.,LTD.  
NO.350, YANGJIN ROAD, HEXING, JINFENG TOWN,  
ZHANGJIAGANG CITY, JIANGSU PROVINCE, CHINA.

Declare that the product

786450

Electric Grinding

Complies with the essential health and safety requirements of the following  
Directives:

The Machinery Directive 2006/42/EC

Standards and technical specifications referred to:

EN 62841-1:2015+AC:15

EN 60745-2-23:2013

EN IEC 55014-1:2021 EN IEC 55014-2:2021

EN IEC 61000-3-2:2019+A1:2021

EN 61000-3-3:2013+A1:2019+A2:2021

The EMC directive 2014/30/EU

Authorised Signatory and technical file holder

Signed for and on behalf of:

ZJG WOKIN INDUSTRIAL CO.,LTD.

350 YANGJIN ROAD, ZHANGJIAGANG,

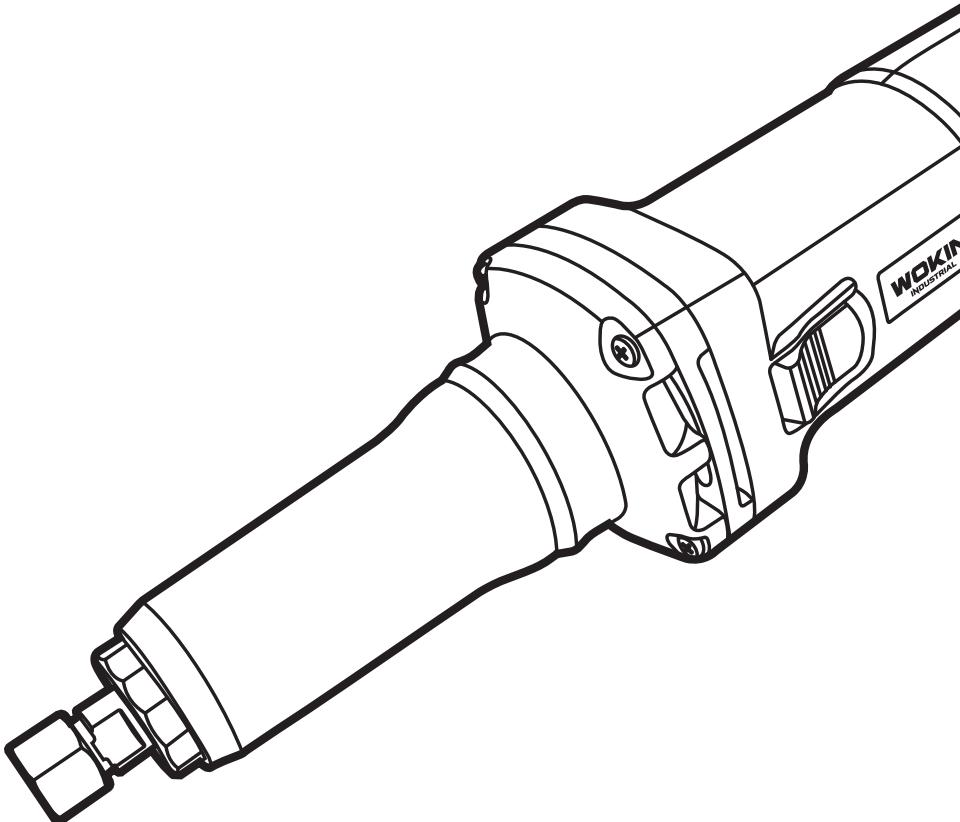
JIANGSU, CHINA.

ZHANG XIN YU

Group Quality Director

on:14/9/2024





**ZJG WOKIN  
INDUSTRIAL  
CO., LTD.**

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MADE IN CHINA**

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