



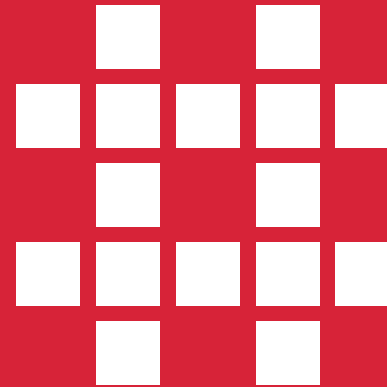
## OVERVIEW OF BRUSHLESS MOTORS

SINCE THE BIRTH OF THE WORLD'S FIRST BRUSHLESS MOTOR, BRUSHLESS MOTORS HAVE DEVELOPED FOR NEARLY A CENTURY AND ARE NOW FACING WIDESPREAD TOOL APPLICATIONS. AT THE SAME TIME, BRUSHLESS TECHNOLOGY IS CONSTANTLY BEING UPDATED AND IMPROVED. DEVELOPED COUNTRIES' TECHNOLOGY HAS ALWAYS MONOPOLIZED AND BLOCKED CHINA. CHINA'S TECHNOLOGY TEAM HAS OVERCOME NUMEROUS DIFFICULTIES, GONE THROUGH COUNTLESS FAILURES, INVESTED HUGE AMOUNTS OF MONEY AND BLOOD, UNITED AND MOVED FORWARD. NOW OUR BRUSHLESS TECHNOLOGY HAS CAUGHT UP WITH SOME DEVELOPED COUNTRIES, WHICH IS WORTHY OF OUR COUNTRYMEN'S PRIDE!

THE ADVANTAGES OF BRUSHLESS MOTORS OVER TRADITIONAL BRUSHED MOTORS ARE: BRUSHLESS MOTORS USE SQUARE WAVE SELF-CONTROL PERMANENT MAGNET SYNCHRONOUS MOTORS, WITH NEODYMIUM IRON BORON AS THE PERMANENT MAGNET MATERIAL FOR THE ROTOR. THE MOTOR DESIGN IS COMPACT, SMALL IN SIZE, HIGH-PRECISION AC TO DC HIGH-VOLTAGE OUTPUT, SERVO CONTROL, STEPLESS VARIABLE FREQUENCY SPEED REGULATION, NO CARBON BRUSHES, NO HALL EFFECT, NO LARGE CAPACITORS, HIGH POWER, LOW ENERGY CONSUMPTION, HIGH SPEED, HIGH TORQUE, LOW NOISE, AND THE MOTOR LIFE CAN BE SEVERAL TIMES LONGER THAN BRUSHED MOTORS.

WORKING CHARACTERISTICS: THE UTILIZATION OF MOTOR POWER FROM NO-LOAD TO LOAD CAN REACH OVER 85%, WITH CONSTANT POWER AND SPEED DURING OPERATION. HIGH INTENSITY WORKING MOTOR WITH STABLE PERFORMANCE AND LOW TEMPERATURE RISE WITH NUMEROUS ADVANTAGES, IT GREATLY IMPROVES WORK EFFICIENCY.

THIS CUTTING MACHINE PRODUCT IS EQUIPPED WITH A HIGH-VOLTAGE BRUSHLESS AC MOTOR, WHICH IS A CRUCIAL TOOL FOR CUTTING TILES AND STONES IN DECORATION. IT IS INCREDIBLY SHARP AND WORTH HAVING!



# SHIJING 石井



9201 Automatic tile/Stone cutting machine





## WARRANTY CARD

1. THE WARRANTY PERIOD FOR THIS CUTTING MACHINE IS 3 MONTHS FROM THE DATE OF PURCHASE BY THE FIRST USER OF THIS PRODUCT.
2. BEFORE USING THE CUTTING MACHINE, IT IS NECESSARY TO CAREFULLY READ THE INSTRUCTION MANUAL AND SAFETY INSTRUCTIONS.
3. DURING THE WARRANTY PERIOD, NORMAL WEAR AND TEAR OF CONSUMABLE PARTS AND HUMAN DAMAGE WILL NOT BE COVERED BY THE WARRANTY.
4. DURING THE WARRANTY PERIOD, USERS WHO DO NOT FOLLOW THE OPERATING INSTRUCTIONS CORRECTLY OR SELF DISMANTLE AND REPAIR WILL NOT BE COVERED BY THE WARRANTY. IF REPAIRS ARE REQUIRED, THEY WILL BE CHARGED BASED ON THE PRICE OF THE MACHINE PARTS AND THE COST OF MAINTENANCE LABOR.
5. THE USER SENDS THE EQUIPMENT BACK TO THE REPAIR CENTER FOR REPAIR. THE SHIPPING COST SHALL BE PAID BY ONESELF. THE BUYER SHALL PROVIDE A VALID PURCHASE VOUCHER TO THE SELLER'S DESIGNATED LOCATION FOR REPAIR.
6. THIS WARRANTY CERTIFICATE IS ONLY APPLICABLE TO PURCHASING USERS IN THE PEOPLE'S REPUBLIC OF CHINA.

(ATTENTION, BUYERS!)

THIS CERTIFICATE IS VALID ONLY IF IT IS STAMPED BY THE DISTRIBUTOR AFTER THE PURCHASE OF THE MACHINE. IT WILL BE INVALIDATED IF IT IS OVERDUE. THANK YOU FOR YOUR COOPERATION

MODEL		SEAL OF DISTRIBUTION UNIT
PRODUCT NAME		
DISTRIBUTOR UNIT		
UNIT OF USE		
ADDRESS		
INVOICE DATE		

## WARRANTY RECORD

DATE	DAMAGED PARTS	ABSTRACT	EXAMINATION CLERK

THIS PRODUCT HAS PASSED THE INSPECTION BEFORE LEAVING THE FACTORY. PLEASE REST ASSURED TO USE IT!	CERTIFICATE



**WARNING: USING NON ORIGINAL ACCESSORIES CAN EASILY CAUSE DAMAGE TO THE CUTTING MACHINE AND EVEN PERSONAL INJURY.**

## SPECIAL SAFETY INSTRUCTIONS

ATTENTION: PLEASE READ THIS OPERATION AND SAFETY PRECAUTIONS CAREFULLY BEFORE OPERATING THIS MACHINE. PLEASE READ CAREFULLY BEFORE OPERATING THE MACHINE.

WHEN USING THIS CUTTING MACHINE, THE FOLLOWING SAFETY RULES MUST BE FOLLOWED TO PREVENT FIRE, ELECTRIC LEAKAGE, AND PERSONAL INJURY:

1. KEEP THE WORKPLACE CLEAN: CHAOS CAN EASILY LEAD TO ACCIDENTS.
2. PAY ATTENTION TO THE WORKPLACE ENVIRONMENT: DO NOT WORK THE CUTTING MACHINE IN DAMP AND DARK PLACES. DO NOT WORK IN PLACES WHERE FLAMMABLE LIQUIDS AND GASES ARE STORED.
3. BEWARE OF ELECTRIC SHOCK: THE GROUNDING CHAIN SHOULD BE DIRECTLY GROUNDED DURING WORK AND SHOULD NOT BE PLACED NEAR OTHER EQUIPMENT SUCH AS HEATING AND COOLING MACHINES, REFRIGERATORS, ETC.
4. KEEP OUTSIDERS/CHILDREN AWAY: DO NOT ALLOW CHILDREN TO APPROACH THE WORK AREA, AND VISITORS UNRELATED TO HOMEWORK MUST MAINTAIN A SAFE DISTANCE.
5. PROPERLY STORE THE CUTTING MACHINE: UNUSED CUTTING MACHINES SHOULD BE STORED IN PACKAGING BOXES IN A DRY PLACE AND AT A HEIGHT OUT OF REACH OF CHILDREN.
6. PLEASE CHOOSE AND USE THE CUTTING MACHINE ACCORDING TO ITS DESIGNED PROCESSING OBJECT: DO NOT CHANGE THE PURPOSE OF USE OR MISUSE THE CUTTING MACHINE AT WILL. DO NOT USE THE CUTTING MACHINE FOR NON DESIGN PURPOSES.
7. PROPER CLOTHING: IT IS BEST TO WEAR RUBBER GLOVES AND NON SLIP RUBBER SHOES WHEN WORKING. LONG HAIR WITH A WORK CAP.
8. WORKPLACE PROTECTION: IF THERE IS A LOT OF DUST IN THE WORK AREA, PLEASE USE GOGGLES AND WEAR A MASK.
9. DO NOT DAMAGE THE CUTTING MACHINE: DO NOT PULL THE CABLE AND UNPLUG THE PLUG FROM THE POWER SUPPLY. CABLES SHOULD BE KEPT AWAY FROM HEAT SOURCES AND OIL, AND AVOID CONTACT WITH SHARP OBJECTS.
10. MAINTAIN PHYSICAL STABILITY: WHEN DOING HOMEWORK, BE STEADY AND STEADY IN YOUR FOOTSTEPS, AND PAY ATTENTION TO MAINTAINING A STABLE BODY POSTURE. PROPER MAINTENANCE OF CUTTING MACHINE:
11. KEEP THE CUTTING MACHINE CLEAN AND THE CUTTING BLADES SHARP IN ORDER TO FULLY UTILIZE ITS PERFORMANCE. LUBRICATE AND REPLACE ACCESSORIES IN A TIMELY MANNER ACCORDING TO THE USER MANUAL. REGULARLY INSPECT CABLES AND EXTENSION CABLES, AND REPLACE ANY DAMAGED ONES IMMEDIATELY.
12. CUT OFF THE POWER IN A TIMELY MANNER: BEFORE RESTING OR REPLACING THE SAW BLADE, DEVELOP THE GOOD HABIT OF CUTTING OFF THE POWER IN A TIMELY MANNER.
13. PROPERLY STORE THE OUTER PACKAGING BOX, WHICH IS BENEFICIAL FOR THE STORAGE AND PROTECTION OF THE CUTTING MACHINE.



### SAFETY TIPS

THE FOLLOWING ARE SAFETY PRECAUTIONS WHEN USING A CUTTING MACHINE. PLEASE STRICTLY FOLLOW THEM, OTHERWISE IT MAY DAMAGE THE TOOL OR THE BODY.

1. DIAMOND CUTTING BLADES THAT DO NOT MEET THE MANUFACTURER'S SPECIFIED PERFORMANCE SHALL NOT BE USED.
  2. CUT PIECES THAT ARE DAMAGED, DEFORMED, OR HAVE CRACKS SHALL NOT BE USED.
  3. DO NOT OPERATE WHILE REMOVING THE FIXED PROTECTIVE COVER.
  4. DO NOT START THE CUTTING MACHINE WHEN THE CUTTING BLADE IS IN CONTACT WITH THE WORKPIECE.
  5. WHEN REPLACING THE CUTTING BLADE, ADJUSTING THE CUTTING DEPTH, OR REPAIRING THE WATER PIPE, THE LEAKAGE PROTECTION SWITCH ON THE PLUG OF THE CUTTING MACHINE SHOULD BE TURNED OFF, AND THE CUTTING MACHINE SHOULD BE IN A POWER-OFF STATE.
  6. KEEP YOUR HANDS AWAY FROM THE CUTTING AREA OR DIAMOND SAW BLADE AT ALL TIMES. IF YOU HOLD THE CUTTING MACHINE WITH BOTH HANDS, THE SAFE AREA WILL NOT BE INJURED BY THE SAW BLADE.
  7. ALWAYS USE DIAMOND SAW BLADES WITH APPROPRIATE SIZE AND AXIS SHAPE. IF THE DIAMOND SAW BLADE DOES NOT MATCH THE CUTTING MACHINE COMPONENTS, IT MAY CAUSE ECCENTRIC OPERATION AND DAMAGE TO THE EQUIPMENT.
  8. DO NOT USE DAMAGED OR OVERSIZED WASHERS AND BOLTS. USING DAMAGED OR OVERSIZED WASHERS AND BOLTS WILL RESULT IN IMPROPER OPERATION AND THE EQUIPMENT CANNOT OPERATE ACCURATELY AND NORMALLY.
- WHEN USING THIS MACHINE FOR AUTOMATIC CUTTING, THE CUTTING SPEED SHOULD BE SLOWED DOWN FIRST, AND THE SPEED SHOULD BE SLOWLY INCREASED TO AVOID THE MACHINE'S AUTOMATIC CUTTING SPEED BEING TOO FAST, WHICH MAY CAUSE DAMAGE TO THE CUT OBJECT AND MACHINE BLOCKAGE.
10. AFTER CUTTING, IDLING THE MOTOR FOR TWO MINUTES IS BENEFICIAL FOR THE DISCHARGE OF WATER VAPOR INSIDE THE MOTOR AND EXTENDS ITS SERVICE LIFE.
  11. PLEASE KEEP THIS MANUAL



### REPAIR AND MAINTENANCE

1. CLEANING AND MAINTENANCE AFTER WORK IS COMPLETED;
2. REPLACE THE CUTTING BLADE;
3. ADJUST THE BALANCE BETWEEN THE SAW BLADE AND THE GUIDE RAIL;
4. ADJUST THE PERPENDICULARITY BETWEEN THE SAW BLADE AND THE WORKBENCH;
5. WHEN THERE IS AN ERROR IN CUTTING THE 45 DEGREE OBLIQUE EDGE;
6. WHEN THE GUIDE RAIL CROSSBEAM IS NOT PARALLEL TO THE WORKBENCH;
7. WHEN THE MACHINE EXPERIENCES STALLING;



**WHEEL INSTALLATION**

ON ONE SIDE OF THE MACHINE FOOT, THERE IS A BASE FOR INSTALLING A CASTER FRAME. FIRST, FIX THE CASTER FRAME WITH 2 M6X12 HEX SCREWS. THE SCREW HOLES ON THE CASTER FRAME FOR FIXING THE WHEELS CAN BE TIGHTENED AND FIXED BY THREADING M8X45 SCREWS THROUGH THE FOOT BEARING HOLES.



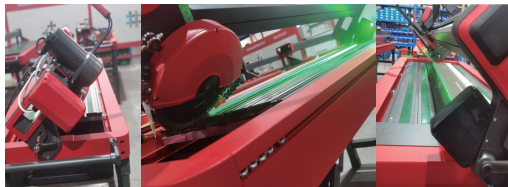
**ADJUSTABLE GRINDING WHEEL COVER**

THE GRINDING WHEEL COVER HAS A CIRCULAR WAIST GROOVE THAT CAN ROTATE A CERTAIN ANGLE, AND THE WAIST GROOVE IS PRESSED BY A SPRING. WHEN THE GRINDING WHEEL COVER IS WORKING, IT WILL NOT ROTATE, AND THE ANGLE OF THE ROCKER ARM CAN BE ADJUSTED FREELY ACCORDING TO THE SIZE OF THE CUTTING BLADE.



**GRINDING ARC MACHINING**

THE CUTTING MACHINE CAN GRIND CURVED EDGES. INSTALL A DEDICATED GRINDING WHEEL. RELEASE THE ROCKER ARM LOCKING DEVICE, ADJUST IT TO THE APPROPRIATE PROCESSING REQUIREMENTS ACCORDING TO THE THICKNESS OF THE WORKPIECE AND THE SIZE OF THE GRINDING WHEEL, AND THEN LOCK THE ROCKER ARM AND LOCKING DEVICE TO START WORKING. GRINDING THE ARC IS A HEAVY-DUTY MACHINING PROCESS, WITH SUFFICIENT WATER FLOW AND SLOW SPEED REQUIREMENTS. CAN BE SET AS SECONDARY GRINDING, WITH EXCELLENT RESULTS.



**ANGLE OBLIQUE EDGE PROCESSING**

RELEASE THE LOCKING DEVICES ON BOTH SIDES OF THE COLUMN, FLIP THE CROSSBEAM, AND POINT THE ANGLE POINTER AT THE ANGLE SCALE. THE POINTER READING IS THE ACTUAL CUTTING ANGLE. ADJUST TO THE DESIRED ANGLE TO LOCK THE COLUMN AND LOCKING DEVICE, AND THEN PROCEED WITH CUTTING.



**WATER PUMP**

WATER PUMP IS AN IMPORTANT AUXILIARY TOOL EQUIPPED IN CUTTING MACHINES. ADEQUATE WATER FLOW DURING CUTTING CAN IMPROVE CUTTING EFFICIENCY, BETTER PROTECT CUTTING BLADES, AND ENSURE THE QUALITY OF PROCESSED PARTS. WHEN CUTTING, PAY ATTENTION TO THE INLET OF THE WATER PUMP. IF THE SEWAGE BECOMES TURBID, IT IS NECESSARY TO REPLACE THE WATER IN THE WATER TANK TO MAKE THE PROCESSING SMOOTHER.



**9201 MAIN COMPONENT DISTRIBUTION DIAGRAM**



1. THE 9201 MAIN MOTOR ADOPTS A HIGH-POWER 4.5KW BRUSHLESS MOTOR, WHICH CAN BE SET TO FOUR SPEEDS (3000 RPM, 4000 RPM, 5000 RPM, 6000 RPM).
2. HAND/AUTO INTEGRATED, CUTTING SPEED DIVIDED INTO 10 GEARS, CAN AUTOMATICALLY RETURN THE BLADE.
3. THE HOST AND ASSEMBLY ADOPT A ROCKER ARM TYPE, WHICH CAN BE CUT UP AND DOWN.
4. THE SELECTION RANGE OF SAW BLADES IS 130MM-200MM IN DIAMETER, AND THE CUTTING DEPTH CAN REACH 60MM.
5. IT CAN ADAPT TO DIFFERENT APPLICATION SCENARIOS, SUCH AS WOODEN BOARDS, COPPER PLATES, ALUMINUM PLATES, STONE, CERAMIC TILES, AND CAN ALSO CUT PROFILES, ROUND STEEL, AND DIFFERENT MATERIALS WITHIN THE CUTTING RANGE. DIFFERENT MATERIALS REQUIRE MATCHING CUTTING BLADES, AND THE CORRECT CUTTING SPEED NEEDS TO BE ADJUSTED.
6. COMES WITH A DRAWER STYLE WATER TANK, SELF-PRIMING ADJUSTABLE WATER PUMP, AND SYNCHRONIZED WATER SUPPLY.
7. PROTECTIVE HANDLES ARE INSTALLED ON BOTH SIDES OF THE FUSELAGE.
8. THE CENTER CONSOLE ADOPTS LCD DISPLAY WITH VOICE FUNCTION AND CAN BE REMOTELY CONTROLLED WITH ALL BUTTONS.
9. FRONT AND REAR ALL-ROUND COOLING FLUSHING.
- 10.
11. ADOPTING HIGH-PRECISION GREEN LASER LOCATOR.



## PRODUCT SPECIFICATIONS

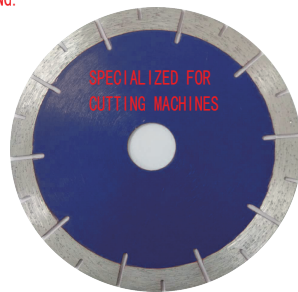
PRODUCT CODE	9201A
RATED VOLTAGE	SINGLE PHASE 220V~50Hz
RATED POWER	4500W
NO LOAD SPEED	3000/4000/5000/6000r/min
MAXIMUM CUTTING DEPTH	50mm
MINIMUM CUTTING ANGLE	0-60°
BLADE SIZE	φ130-200mm
WEIGHT	85KG
STANDARD ATTACHMENTS	TOOL KIT ----- ONE INSTRUCTION MANUAL ----- ONE COPY

## ATTACHMENT SELECTION

ATTENTION: THE SELECTION OF ACCESSORIES OR DEVICES IS SPECIFICALLY FOR THE CUTTING MACHINE REFERRED TO IN THIS MANUAL.

### DIAMOND CUTTING BLADE

PLEASE USE ORIGINAL CUTTING BLADES TO ACHIEVE MAXIMUM EFFICIENCY. NON ORIGINAL CUTTING BLADES MAY CAUSE EDGE BREAKAGE AND UNEVEN CUTTING.



DIAMETER 200MM

INNER HOLE DIAMETER 25.4MM



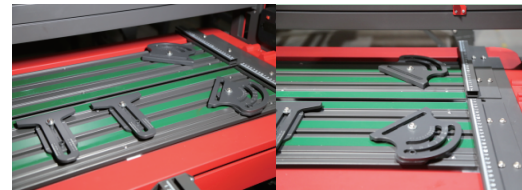
### THE USE OF A FOLDING DEVICE

THERE IS A FOLDING DEVICE INSTALLED ON BOTH SIDES OF THE MACHINE FOOT. AFTER PICKING UP THE CUTTING MACHINE FROM THE PACKAGING BOX, ONE HAND GRABS THE LIFTING HAND AND LIFTS IT UP 70 CENTIMETERS ABOVE THE GROUND, WHILE THE OTHER HAND GRABS THE MACHINE FOOT CROSSBAR AND PULLS IT OUTWARD. AT THIS POINT, THE FOLDING DEVICE POPS OPEN. ONE SIDE OF THE MACHINE LEG STOOD STEADILY, AND THE OTHER SIDE OF THE MACHINE LEG STOOD UP AS ABOVE.



### HOW TO RETRACT THE MACHINE LEGS

PRESS THE MIDDLE JOINT OF THE FOLDING DEVICE SLIGHTLY INWARD WITH BOTH HANDS AT THE SAME TIME, LIFT THE HANDLE WITH BOTH HANDS AND KICK THE MACHINE FEET WITH BOTH FEET, AND PLACE THE MACHINE FEET DOWN NATURALLY TO CONTRACT AND STABILIZE THE GROUND. FOLD UP THE OTHER SIDE OF THE MACHINE LEG AS ABOVE, AND PLACE THE MACHINE HORIZONTALLY ON THE GROUND.



THE COUNTERTOP IS EQUIPPED WITH A T-SHAPED BACKREST AND AN ANGLE ADJUSTABLE BACKREST

THE MOUNTAIN IS EQUIPPED WITH A BASE, WHICH IS CONNECTED TO A T-SHAPED GROOVE ON THE TABLE. THE T-SHAPED MOUNTAIN HAS A REFERENCE SCALE THAT CAN BE MOVED FORWARD AND BACKWARD, AND CAN BE LOCKED BY ADJUSTING THE REQUIRED SIZE. THERE IS A REFERENCE ANGLE SCALE ON THE MOUNTAIN FOR ANGLE ADJUSTMENT, WHICH CAN BE ROTATED AND LOCKED TO ADJUST THE DESIRED ANGLE.



### TRAVEL SWITCH ADJUSTMENT

THERE ARE TRAVEL SWITCH CONTACT PIECES INSTALLED ON THE CROSSBEAM. CONNECT THE CONTACT PIECE TO THE T-SHAPED GROOVE ON THE CROSSBEAM. AFTER ADJUSTING THE CUTTING LENGTH DIMENSION OF THE PRODUCT, ALIGN THE CONTACT PIECE WITH THE TRAVEL SWITCH AND TIGHTEN THE SCREW.



### INSTALLATION AND ADJUSTMENT OF SUPPORT ROD

INSTALL AN 8X20 SCREW ON THE EXTENSION BRACKET, WITH AN ADJUSTABLE MACHINE FOOT SCREW ON ONE SIDE OF THE SUPPORT ROD AND AN OPEN 8-THREADED SCREW ON THE OTHER SIDE. ALIGN WITH THE SCREW ON THE EXTENSION BRACKET AND TIGHTEN IT. ADJUST THE SCREWS OF THE MACHINE FEET ACCORDING TO THE GROUND CONDITIONS TO ENSURE THE REQUIRED LEVEL.



### LEAKAGE PROTECTION PLUG

THERE ARE TWO BUTTONS AND AN INDICATOR LIGHT ON THE LEAKAGE PROTECTION. WHEN THERE IS A LEAKAGE PHENOMENON, IT WILL AUTOMATICALLY TRIP. THE WHITE BUTTON IS THE RESET BUTTON. TO ELIMINATE THE LEAKAGE PHENOMENON, PRESS THE MIDDLE INDICATOR LIGHT TO TURN ON. THE YELLOW BUTTON IS THE TEST BUTTON AND CAN ALSO BE USED AS THE SHUTDOWN BUTTON. PRESS THE YELLOW BUTTON TO TRIP THE LEAKAGE PROTECTION AND DISCONNECT THE POWER SUPPLY.



**GUIDE RAIL DUSTPROOF BELT PRESSURE WHEEL**  
DUST IS PRONE TO ACCUMULATE ABOVE THE GUIDE RAIL AND NEEDS TO BE CLEANED REGULARLY



**CUTTING MACHINE HANDLE**  
WHEN A LIFTING HAND IS INSTALLED ON BOTH SIDES OF THE CUTTING MACHINE TO MOVE THE CUTTING MACHINE, IT IS MORE CONVENIENT TO TRANSPORT THE CUTTING MACHINE. THE LOADING AND UNLOADING FORCE IS MORE SCIENTIFIC AND CONVENIENT, WHILE EFFECTIVELY PROTECTING THE ORIGINAL COMPONENTS ON BOTH SIDES OF THE CUTTING MACHINE.



**DRAWER STYLE WATER TANK**  
THE MAIN CUTTING MACHINE COMES WITH A COOLING WATER STORAGE TANK, WHICH CAN EASILY BLOCK THE WATER PUMP INLET DUE TO THE GENERATION OF ASH AND IMPURITIES DURING OPERATION. WHEN COLLECTING WATER, DIRTY WATER MUST PASS THROUGH THE FILTER GRILLE OF THE WATER TANK LAYER BY LAYER TO REACH THE INLET OF THE WATER PUMP, GREATLY IMPROVING THE PUMPING EFFICIENCY PROVIDES EFFECTIVE PROTECTION FOR THE CUTTING BLADES, INCREASING THE CUTTING EFFECT AND ACHIEVING MAXIMUM PRODUCT QUALITY. THE CLEANLINESS OF THE WATER TANK IS VERY IMPORTANT. AFTER PROCESSING A CERTAIN PRODUCT, THE WATER QUALITY BECOMES VERY TURBID AND MUST BE REPLACED. DRAWER STYLE WATER TANK IS MORE CONVENIENT FOR CHANGING WATER AND EASIER TO CLEAN.



**ADJUSTMENT OF SYNCHRONOUS BELT ELASTICITY**  
IF THE STEPPING BELT IS TOO LOOSE, THE AUTOMATIC KNIFE WILL SLIP, AND IF IT IS TOO TIGHT, THE KNIFE WILL NOT MOVE SMOOTHLY AND GET STUCK. OPEN THE BLACK SQUARE PROTECTIVE COVER AND EXPOSE TWO 8-INCH HEX SCREWS. TURN THE SCREWS CLOCKWISE TO TIGHTEN THE SYNCHRONOUS BELT, AND VICE VERSA TO LOOSEN.



**CUTTING ANGLE ADJUSTMENT**  
THERE ARE CIRCULAR GROOVES ON BOTH SIDES OF THE COLUMN WITH 0-90° MARKS ON THE EDGES OF THE COLUMN. THERE ARE STAINLESS STEEL POINTERS ON THE SCALE FACING THE SCALE. LOOSEN THE ADJUSTABLE SCREWS ON BOTH SIDES AND FLIP THE COLUMN COUNTERCLOCKWISE. THE SCALE RELATIVE TO THE POINTER IS THE ACTUAL CUTTING ANGLE. LOCK THE LOCKING SCREWS ON BOTH SIDES TO START CUTTING WORK.



**EXTENDED BRACKET AND CROSSBEAM INSTALLATION ON THE MOUNTAIN**  
THERE IS A T-SHAPED GROOVE ON THE EDGE BEAM OF THE CUTTING MACHINE WITH 8 NUTS INSIDE. THERE ARE SCALES ON THE EXTENSION BRACKET AND CONNECTING PIECES ON BOTH SIDES. THE CONNECTING PIECE ON THE SIDE WITH THE SMALLER SCALE VALUE IS CONNECTED TO THE NUT ON THE EDGE BEAM. WHEN CONNECTING, THE EXTENSION BRACKET PLANE SHOULD BE LEVEL WITH THE TABLETOP. THE EXTENSION BRACKET HAS A T-SHAPED GROOVE WITH 8 NUTS INSIDE, AND THERE ARE 8 LARGE WAIST SLOTS ON BOTH SIDES OF THE CROSSBAR WITH QUICK LOCK SCREWS. ALIGN THE NUTS AND TIGHTEN THEM.



## COMPLETE PRODUCT LIST



- |                         |  |  |
|-------------------------|--|--|
| 1. CUTTING MACHINE HOST | 8. ADJUST THE SMALL BACKING MOUNTAIN     | 15. REMOTE CONTROL                       |
| 2. WATER PUMP           | 9. BRUSH                                 | 16. SCREWDRIVER/WRENCH                   |
| 3. CASTER WHEELS        | 10. HORIZONTAL SUPPORT MOUNTAIN          | 17. TOOL BAG                             |
| 4. WHEEL RACK           | 11. SUPPORT ROD                          | 18. HORIZONTAL RAIL AGAINST THE MOUNTAIN |
| 5. INSTRUCTION MANUAL   | 12. WATER LEAKAGE IN THE COLLECTION TANK | 19. STANDARD PARTS                       |
| 6. EXTENDED BRACKET     | 13. INFRARED CHARGER                     |  |
| 7. ANGLE BACKED MOUNT   | 14. INNER HEXAGON/SOCKET                 |  |



COMPARISON TABLE OF APPLICATION SCOPE OF 9201 CUTTING MACHINE

MOTOR SPEED SETTING AND CUTTING MATERIAL CUTTING SETTING RANGE

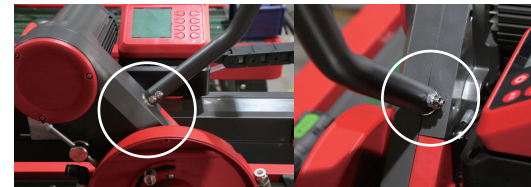
THE MOTOR OF THIS CUTTING MACHINE IS A HIGH-VOLTAGE BRUSHLESS MOTOR WITH FOUR GEARS SET, WHICH ARE 3000 RPM/4000 RPM/5000 RPM/6000 RPM. THE MAXIMUM OUTPUT POWER IS 4.5 KILOWATTS, AND THE LOWER THE SPEED, THE WEAKER THE OUTPUT POWER. WHEN CUTTING WORKPIECES OF DIFFERENT MATERIALS AND THICKNESSES, CORRESPONDING CUTTING BLADES AND DIFFERENT SPEEDS AND CUTTING SPEEDS NEED TO BE SELECTED. THE FOLLOWING TABLE IS FOR REFERENCE ONLY

CUTTING SPEED, REVOLUTIONS PER MINUTE	CUTTING MATERIAL	MATERIAL THICKNESS mm	CUTTING BLADE DIAMETER mm	CUTTING GEAR (HIGHEST)	AS CUT
3000	CERAMIC TILE ROCK SLAB	4—20	130-200	6	DIAMOND CERAMIC SHEET
	GRANITE, MARBLE	20	130-200	6	SPECIALIZED STONE CHIPS
		30	160-200	6	
		50	200	5	
4000	CERAMIC TILE ROCK SLAB	4—20	130-200	8	DIAMOND CERAMIC SHEET
	GRANITE, MARBLE	20	130-200	7	SPECIALIZED STONE CHIPS
		30	160-200	7	
		50	200	6	
5000	CERAMIC TILE ROCK SLAB	4—20	130-200	9	DIAMOND CERAMIC SHEET
	GRANITE, MARBLE	20	130-200	8	SPECIALIZED STONE CHIPS
		30	160-200	8	
		50	200	6	
	BOARD	20—30	200	10	SPECIALIZED WOOD CHIPS
		40—50	200	8	
	ALUMINUM PLATE COPPER PLATE	10—20	200	6	SPECIALIZED STEEL SHEET
30—40		200	4		
6000	CERAMIC TILE ROCK SLAB	4—20	130-200	10	DIAMOND CERAMIC SHEET
	GRANITE, MARBLE	20	130-200	8	SPECIALIZED STONE CHIPS
		30	160-200	8	
		50	200	7	
	BOARD	20—30	200	10	SPECIALIZED WOOD CHIPS
		40—50	200	8	
	ALUMINUM PLATE COPPER PLATE	10—20	200	7	SPECIALIZED STEEL SHEET
		30—40	200	5	



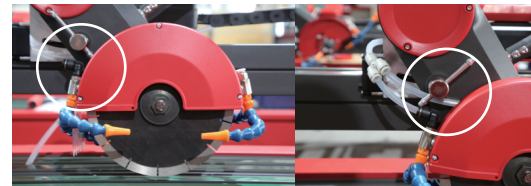
CENTRAL CONSOLE AND REMOTE VOICE PROMPTS

THE CENTER CONSOLE IS EQUIPPED WITH AN LCD DISPLAY. THE STARTUP VOICE PROMPT INTERFACE DISPLAYS CONTROL DATA IN VARIOUS ASPECTS. THERE ARE CORRESPONDING BUTTONS NEXT TO THE DISPLAY SCREEN, WITH CONTROL REQUIREMENTS PRINTED ON THE BUTTONS. DATA CAN BE SET ACCORDING TO REQUIREMENTS. THE BUTTONS ON THE REMOTE CONTROL, AND THE BUTTONS ON THE CENTER CONSOLE ECHO EACH OTHER, WITH CONTROL REQUIREMENTS PRINTED ON THE BUTTONS. DURING THE PROCESS OF PRESSING THE BUTTONS, REAL-TIME VOICE BROADCASTS ARE MADE, GREATLY IMPROVING ACCURATE DATA AND INCREASING CAUTIOUS OPERATION STANDARDS. LONG PRESS THE MANUAL BUTTON ON THE CENTER CONSOLE AND THE LCD SCREEN WILL FLASH, THEN PRESS ANY KEY ON THE REMOTE CONTROL, TO SUCCESSFULLY MATCH THE CODE. PRESS AND HOLD THE AUTOMATIC BUTTON ON THE CENTER CONSOLE, AND THE LCD SCREEN WILL FLASH TO TURN OFF THE VOICE FUNCTION. CONVERSELY, TURN ON THE VOICE FUNCTION.



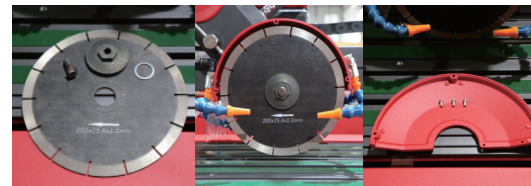
HANDLE INSTALLATION

THERE ARE TWO 6X30 STAINLESS STEEL SCREWS ON THE HANDLE THAT CAN BE TIGHTENED INTO THE HOLES.



LOCKING DEVICE FOR ROCKER ARM ASSEMBLY

THE ROCKER ARM CAN BE RAISED AND LOWERED UP AND DOWN. WHEN ADJUSTMENT IS NEEDED, LOOSEN THE SCREW AND TIGHTEN IT CLOCKWISE TO THE DESIRED HEIGHT.



INSTALLATION OF CUTTING BLADES

STANDARD CUTTING BLADE SPECIFICATIONS: WHEN INSTALLING THE CUTTING PIECE WITH AN OUTER DIAMETER OF 200X AND AN INNER HOLE OF 25.4X AND A THICKNESS OF 2MM, FIRST FIT THE MIDDLE SLEEVE ONTO THE OUTPUT SHAFT, ALIGN THE HOLE OF THE CUTTING PIECE WITH THE MIDDLE SLEEVE, ALIGN THE PRESSURE PLATE, AND THEN TIGHTEN THE 8X25 LEFT SCREW COUNTERCLOCKWISE.



INFRARED

WHEN THERE IS A DEVIATION IN THE WIRING HARNESS, IT CAN BE ADJUSTED. OPEN THE BACK COVER, AND THE TWO SCREWS BEHIND THE LIGHT EMITTING DEVICE CAN ADJUST THE PARALLELISM BETWEEN THE WIRING HARNESS AND THE CUTTING PIECE AND GUIDE RAIL.



FLUSHING PIPE

THE CUTTING BLADE OF THE MAIN BODY GENERATES A LARGE AMOUNT OF HEAT DURING OPERATION, AND FLUSHING WATER BEFORE AND AFTER CAN COOL THE CUTTING BLADE FASTER AND IMPROVE CUTTING EFFICIENCY.