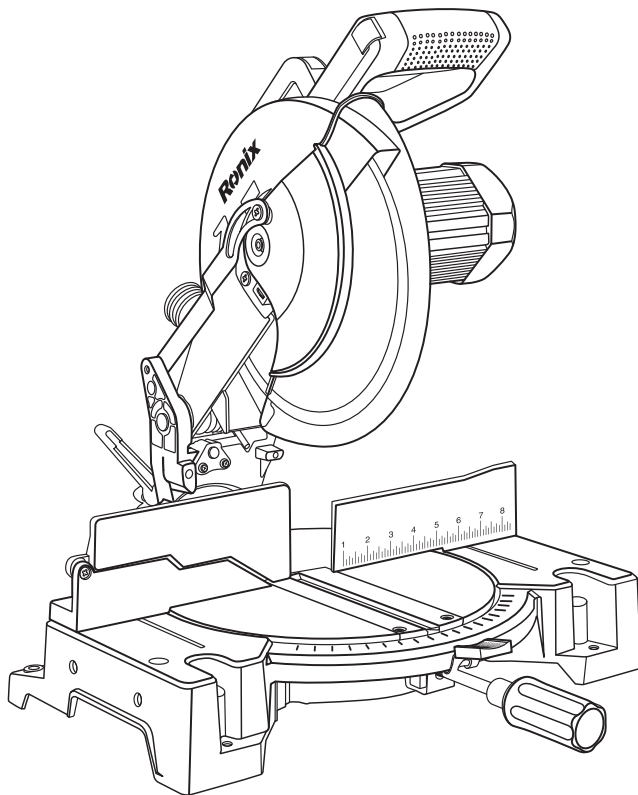


Ronix®

Premium Quality

MITER SAW 255 MM

5101



www.ronixtools.com

12
MONTHS
GUARANTY

FREE
DELIVERY

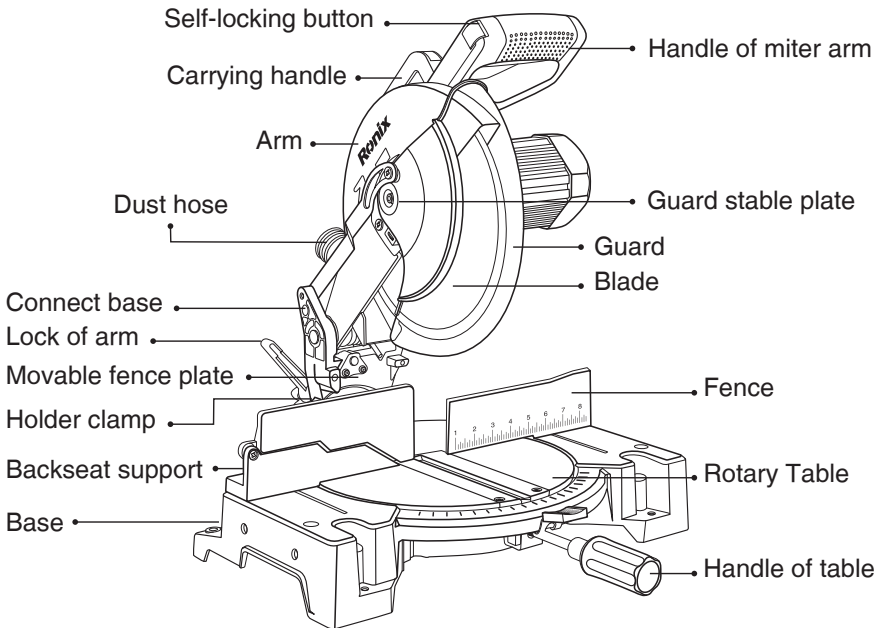
BANK
SPARE PARTS

CALL
CENTER
02161904

SPECIFICATION

Model	5101
Rated voltage	220V
Rated frequency	50Hz
No-load speed	3800r/min
Power	1650W
Saw blade	255mm x 254mm x 100T

PARTS LIST



GENERAL SAFETY RULES

⚠ WARNING!

-Please read all manual content before using this machine, Perhaps will

happen fire, electric shock or serious personal injury if you are failure to follow up all content. Including Power tools (with cord) and battery tools(with cordless) all power tools. Note again, Please keep this manual very well.

■ WORK PLACE

- 1) Keep clean and light.
- 2) Don't operate the machine in flammable and combustible environment; The power tools can make the spark and get serious personal injury.
- 3) Let the children and other person far away and conscientious to operate the machine.

■ ELECTRICAL SAFETY

- 1) The plug must be matched with socket, can't repack the plug anytime and use the change the plug with electrical grounding.
- 2) When you are using the machine, Avoid to touch the metal, tube, air-cooling fin, refrigerator and so on.
- 3) Can't use and lay the machine with rain and humid environment.
- 4) Don't pull the cord to move the machine.
- 5) To use the machine out of door, with suitable extension line.

■ PERSONAL SAFETY

- 1) Keep you clear head when using the machine, don't operate it when you feel tire, medicinal, alcoholic and so on.
- 2) Use the safety device, Wear safety goggles all along; it is better to use the face guard, antiskid shoe, safety helmet and so on.
- 3) Must be sure the switch off position before plug and the hand far away the switch.
- 4) To take off all part for example wrench, key and clean place before plug.
- 5) The hand can't touch the blade when using the machine, and change the blade and unpin the plug.
- 6) Don't wear the wide dress and jewelry, let your hair, clothes far away the rotary part.
- 7) If have dust bag, to be sure to connect very well.

■ATTENTION TO USE THE POWER TOOLS

- 1) To suitable power tools according to application and choose right machine about current or power.
- 2) If the switch is failure, It is very danger and stop to use it, must fix it.
- 3) Must take off the plug before adjust and change part, even save and preserve.
- 4) Don't allow to use the machine for children and unfamiliar persons; and let the so far the machine.
- 5) Keep fit the power tools. To check rotary part, assemble error and lock status, if have some factor to effect the machine normal work.
- 6) Keep the blade is sharp and clean, so easy to control and can't lock the blade;
- 7)According to the manual to use the machine, accessories and blade and so on; It is very danger, don't meet requirement and operation.

■REPAIR

- 1)In order to your safety, must use the same part to change when you repair your machine.

Caution! Voltage: Please note the voltage if it is same with power tools, If the voltage is higher, will get serious personal injury and destroy the machine; If the voltage is lower, it is not good for motor, So don't plug into the socket before confirm the voltage.

ADDITIONAL SAFETY RULES OF MITER SAW

- 1) Must use the earth continuity resistance.
- 2) Avoid electric shock, Please wear rubber gloves and boots when using the machine.
- 3) Careful check the blade, if have crack, damage and other problem, if find any defect and change it at once.
- 4) Can use the external and internal pressure plate the same with this machine.
- 5) Don't allow to use spoiled, poor size washer and screw bolt;
- 6) Let your hands so far the blade.

- 7) Don't touch the rotary part and the below of the work piece; The guard can't protect the below of work piece.
- 8) Can't start the machine when the blade touch the work piece.
- 9) To use suitable blade, unless will bring eccentric rotation and get out of control, for example the diamond saw blade don't meet the pressure plate;
- 10) To cut the work piece after getting the all speed;
- 11) To stop the machine at once with any abnormal situation;
- 12) Don't try upside down the machine with the bench clamp to fasten for cut the work piece, It is very danger for you;
- 13) Must use the guard and it work very well;
- 14) Don't use the grinding wheel(except specially design)
- 15) Don't use the cutting disk that don't meet the manual point;
- 16) Stop to use without the guard;
- 17) After cutting off the electricity supply, The blade can't stop at once, prohibit to force the blade stop with any power;
- 18) Must take off the plug and the blade is silent before adjust the depth of cut or repair the machine;
- 19) The hands should only catch insulation handle when the machine perhaps cut the cord or hide line; unless the metal is out of, It is danger for you.

OPERATION GUIDE

1) Move the machine

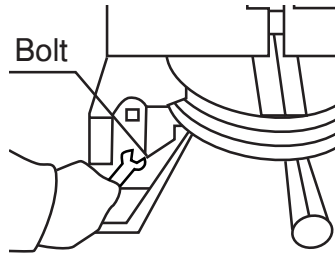
To move the machine, put down the handle 8 to the lowest position and press the lock of arm, at same time lock the table, so you can move the machine with 7 carrying handle.

WARNING!

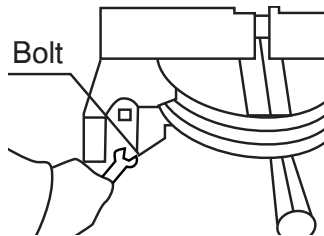
- First confirm to take off the plug.
- The lock of arm only use to move the machine, To stop to use it during work

2) Assemble the machine.

To fix the base of machine with four screw bolts on the 2pcs non-slip mat, So the machine Can work very well. (figure 1)



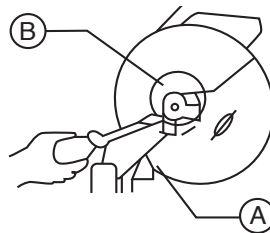
3) Assemble the machine on the worktable (figure 2)



To fix the base of machine with four screw bolts on the worktable, then operate the machine.

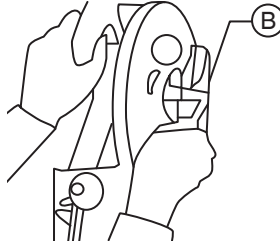
4) To assemble and disassemble the blade.

When taking off the blade, the two screws of guard with anticlockwise, then rise up the guard (figure 3).

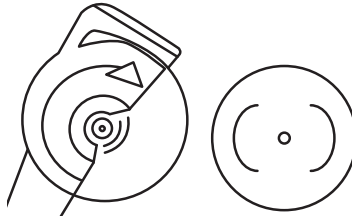


5) Press down the lock of shaft (A) and the blade can't turn round, to loose the screw bolt of blade with wrench (B) turn clockwise then to take off the

screw, external pressure plate and blade (figure 4)



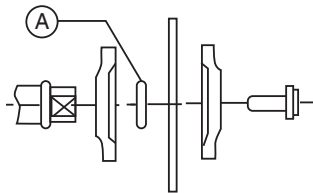
6) To assemble the blade, confirm the arrow direction is coincident between the blade and guard (figure 5).



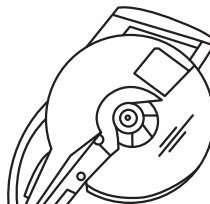
⚠ CAUTION:

- Make sure to close the switch and take off the plug.

6) When assembling the blade, to confirm the adjust ring (A) cover on the shaft or mounting boss of internal pressure plate (figure 6).

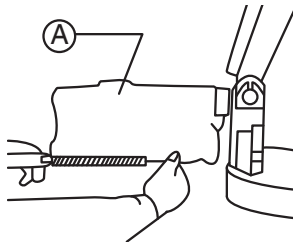


7) Guard (figure 7)

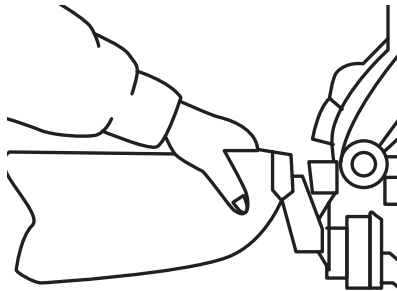


- Press down the handle, the guard will automatic rise, and put up the handle, the guard will come back initial position. Prohibit to destroy or disassemble the guard in order to your safety.
- Be sure the guard work very well.
- Don't use the machine without the guard.
- If the guard is dirty and can't observe the blade and work status. Please take off the plug and clean it with soft cloth. Don't use the dissolvent or oil product for clean.

8) Dust bag (figure 8,9)



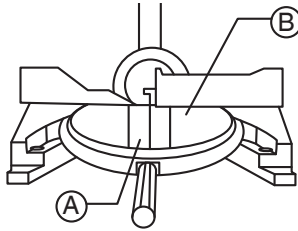
Using the dust bag can be sure the cleanness so as to collect the dust. To connect the bag (A) with nozzle (B), To be sure to connect fastness. 9) To take off the bag with push out the pin when the dust is half of bag and cancel the dust.



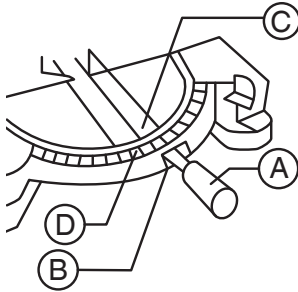
At same time pat the bag so as to completely cancel the dust.

9) Cutting insert (figure 10)

Assemble a cutting insert (B) on the table (A), The supplier had been assembled it before leaving the factory.

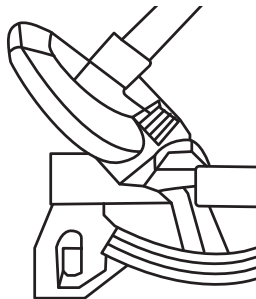


10) To adjust the table position or angle (figure 11)

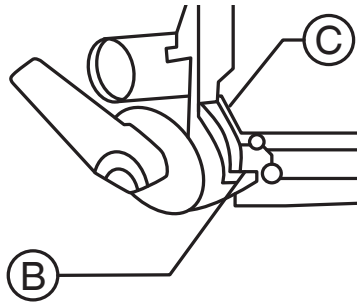


To loose the handle (A) with anticlockwise, To rotary the table at same time press down position lock (B), When the indicator (C) point to right angle on the scale (D), to tighten the handle (A) with clockwise.

11) To adjust the miter angle The machine can adjust any miter angle from 0~45 degree on the left (figure 12).



12) To loose the lock of miter (A), Lean the arm to left, when the indicator (B) point to right angle on the scale (C), to tighten the lock of miter (A) (figure 13)



⚠ CAUTION:

- when the blade is leaning, the handle must be rised.
- 12)Fasten the work piece

⚠ WARNING!

- It is very important to fix the work piece with holder clamp. Unless the machine will be destroyed and scrap of work piece, even serious personal injury. Don't allow to rise up the blade before the blade completely stop.

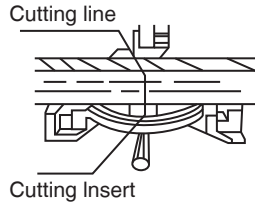
⚠ CAUTION:

- In working, the work piece must be fixed by holder clamp near to the fence and on the table.

OPERATION

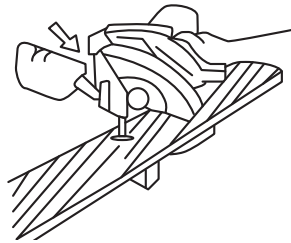
⚠ CAUTION:

- Before using the machine, Must pull out the clevis pin of arm and let arm rise from the lower position.
- Before opening the switch, to be sure the blade can't touch the work piece.
- Don't allow to press the handle with extra duty, unless will cause the motor load work or depress the cut efficiency.
- To open the laser switch below connect base(39), the laser line will light on the worktable.Suitable power to press the handle, if extra duty or power the handle from side, the machine will have shake and effect the cut precision, at same time have some mark on the work piece (figure 14).



- Using this machine, will cut off some fragment from the work piece same with blade width, So the laser line should locate right or left of blade. To cut the work piece after the blade get all speed. Finish the work, first close the switch and rise up the handle after the blade completely stop to run round.. Unless perhaps the blade will touch the some fragment and happen the accident.

- 1) Cut the bevel angle Refer to “adjust the table position or “angle” contents.
- 2) Cut the miter angle (figure 15)



- Can cut any miter angle from 0~45 degree on the left To loose the lock of miter and adjust the angle until you need it, to tighten the lock. At same time to fix the work piece with holder clamp. To cut the work piece after the blade get all speed. The press handle direction parallel with blade. Finish the work, first close the switch and rise up the handle after the blade completely stop to run round.

⚠ CAUTION:

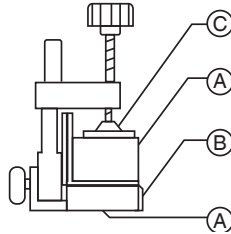
-When cutting the miter angle, the cut off parts will stop near to the blade, this time, the blade still run around, if rise up the blade, the parts will be involved in blade and happen the accident. So Finish the work, first close the switch and rise up the handle after the blade completely stop to run round.

- To press handle direction parallel with blade. Unless will effect the cut precision.

3) Compound cut

It is same time to cut the work piece the bevel and miter angle. Please refer to contents about “Cut the bevel angle” and “Cut the miter angle”

4) To cut the Al extrusion product (figure 16)



When cut the Al extrusion product (B), can use the block (A) or other block in order to avoid the work piece deformation. At same time to use cutting oil and prevent the AL fragment accumulation near to the blade.

⚠ CAUTION:

Don't try to cut the thick or circular Al extrusion product. The thick work piece will be slack and circular will not fix very well during cut them.

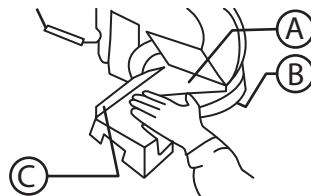
MAINTENANCE MACHINE

⚠ CAUTION:

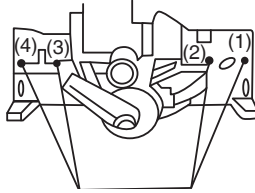
- Must be close the switch and take off the plug before maintenance.

1) To adjust cut the angle The machine had been adjusted all right angle before out of the factory, But perhaps the precision of blade can change with transport or other reason. If have this situation, Please adjust them below as step:

1) The bevel angle (figure 17)



- To loose the handle(B) of table and rotary the table to 0 degree, then tighten handle.
- Another loose the screw bolts of fence, next to the fence(C) and blade with two straight flange of triangle, to adjust the angle by rotary the fence for 90 degree and tighten the hex nut of fence one by one according figure 18.

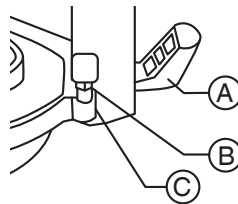


2) Cut the bevel angle(i). 0 degree bevel angle (figure 19)

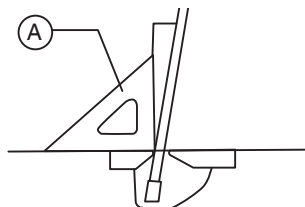
To loose the lock(A) of arm and hex nut(B), make the blade is leaning to right and adjust the bolt(C) 2~3 rings with clockwise.

-Completely put down the handle(A), next to the table with a straight flange of triangle(B)

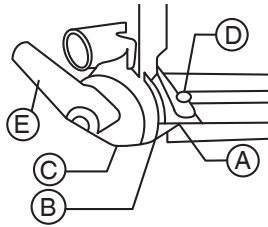
and another a straight flange near the blade, then rotary the bolt until the table is vertical with the blade and tighten the bolt.



- To confirm the indicator(A) on the support base(C) point to 0 degree on the scale(B), unless loose bolt(D) and repeat above step.(figure 20).



- 45 degree miter angle(figure 21)



-To adjust 45 degree angle after finishing 0 degree angle, Loose the lock(E) of arm, completely lean the blade to left side and confirm the indicator(A) point to 45 degree on the scale(B).

- The scale is on the support base(C).Unless to loose the bolt(D) until indicator point to 45 degree.

Ronix[®]
Premium Quality

www.ronixtools.com