

Dry wall sander EX950EL

Provide you with professional and high-quality grinding tools

1 mark



General Hazard Warning

Electric shock hazard

Wear a dust mask

Wear ear protection

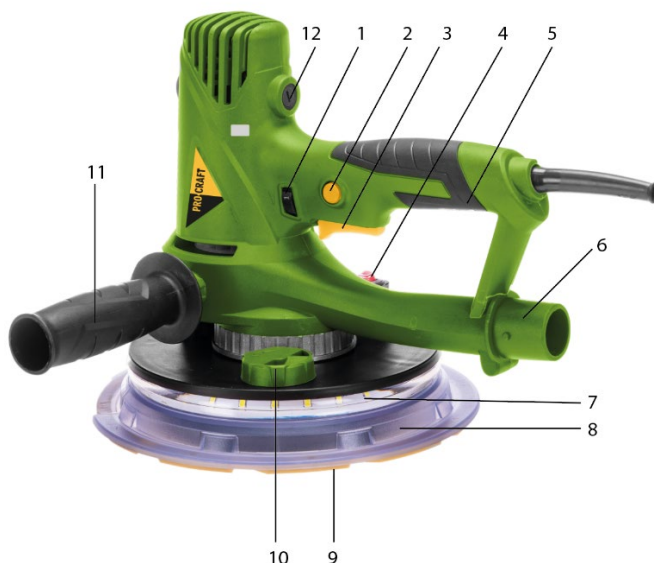
Please vent and filter management

Please read the operating instructions and precautions

2 Technical parameters

Voltage / frequency	220V / 50Hz
Power	950W
Speed	1200-2500 / min
Vacuum	97%
Sanding pad diameter	180mm
Sandpaper diameter	180mm
Vacuum tube diameter	32mm

3 Features of machine



1. speed control
2. switch cage knob
3. switch
4. led switch
5. rubber coating
6. dust outlet connection
7. led circle light
8. disk
9. disk batten
10. adjust suction knob
11. vice handle
12. brush-box

4 applications

The machine is designed for sanding drywall construction, inner and outer surfaces of the ceiling and walls, the floor and remove the residue, paint coatings, coverings, adhesives and loose plaster. Metals and asbestos-containing materials suitable selection of the components of the machine Processing, grinding sound range on the basis of old products, more lightweight body. due to irregularities caused by damage to the machine and injury to persons, our company does not assume any responsibility

5 Safety Instructions

caveat! Please read the following upgrade instructions. Such as violation of the following provisions may result in electric shock, burns or other serious injury.

5.1 Safety information

Workplace

- a) **Please keep clean and tidy work area.** Cluttered benches and dark work For the area may cause accidents.
- b) **Do not use in explosive environments devices, if any flammable liquid, Gases, or debris environment. Mars tool may ignite the waste issue** Debris and gases.
- c) **Keep the children and other people away from the use of power tools.** Distraction can the device allows you to lose control.

Electric security

Power plugs

- a) **apparatus and socket must match. In any case can not be changed variable plug.** Do not use common grounding electrical plug of the fit. Not the modified Plugs and suitable sockets reduce the risk of electric shock.
- B) Please avoid physical contact with the ground surface, such as pipes, heating, stove and refrigerators and the like.** Your body contact may increase electric shock risks.
- C) The device away from rain and moisture.** Electric shock devices will increase water danger.

D) Do not use the cable for its intended purpose, such as a poppet, hang tools or the plug from outlet. The cable away from heat, oil, sharp edges or in operation tool means. Damages and tangled cords increase electrical shock risks.

E) When you use the electronic tool outdoors, use can also be used in outdoor extension long cables. Use extension cables suitable for outdoor use reduces the risk of electric shock

Personal safety

A) Careful attention to what you are working with, and operate electric sensibly tool. When you are tired or affected by drugs, alcohol treatment on request. Do not use a tool. Momentary distraction when using tools can cause serious injury

B) Wear personal protective equipment and always wear protective goggles. Press forms and characteristics of power tools, wear personal protective equipment, such as dust masks, non-slip safety shoes, safety helmets and anti-noise Ear protection, can reduce the risk of injury.

C) Aavoid inadvertently open the device. Before insertion of the plug into the jack, make sure the switch is set to "off" position. When you use the set standby When your finger on the switch or on the open device plug Into the socket, it may cause an accident.

D) Before opening the device, set the adjustment tool or wrench away. Access to equipment parts rotating tool or a wrench may cause hurt.

E) Do not overestimate yourself. Please pay attention to safety and to stand ready to protect to retain one's balance this ensures that you are more in unforeseeable circumstances well control equipment.

F) Please wear suitable clothing. Do not wear too wide clothes and accessories. Please hair, clothing and gloves away from being part of the operation.(loose) hanging clothes jewelry or long hair may be operational components involved.

G) When you install cleaner and dust collection equipment, please ensure that the equipment close connected and used correctly. Use of these devices can reduce scrap danger caused. Maintenance and use of power tools

a) Please Do not overload the device. Please use the appropriate operational requirements of special set power tools. Use appropriate power tool allows you to better safer complete the scheduled work requirements.

b) Do not use a power tool switch is damaged. Unable to switch electricity dynamic tool is dangerous and must be repaired.

c) Before adjusting equipment, replacement parts, or storage device, connect the plug unplug from the socket. These security standards to prevent the device from being accidentally open.

d) Please do not use the power tool where children can not come into contact with local. Do not allow people or unreliable read this note With these devices. When inexperienced people to use it, power tools are the most dangerous.

E) Careful maintenance of this equipment. Please check the movable parts of the device non-Free operation can not fixed, non-members have ruptured, damaged and may

interfere with equipment operation. Please use the equipment before servicing damaged parts. Many accidents are improper maintenance by the electric tool caused. F) Keep cutting tools sharp and clean. Careful maintenance of the front edge sharply the tool is clamped and easy to control.

G) Use meet the above described requirements and the special device type power tools, accessories, replacement tools, set operating ring environmental and operational considerations will be taken into account. Failure to follow the instructions above it requires the use of power tools can cause dangerous situations.

Serves

Please ensure that only authorized by the professionals use original replacement parts to repair your equipment. Which would ensure long-term security.

5.2 Safety instructions associated

- The machine is designed for grinding. Please read the safety information, instructions, illustration and description of all machines shipped. If you do not follow instructions, electric shock, fire or serious injury can result.
- Do not use the machine for example roughing, brushing 'sanding or grinding disc such work. Machine design task execution is not carried out, it could lead to danger and injury.
- Do not use specially developed and intended for attachment of the machine. Otherwise, installed on your machine parts can not guarantee non-hazardous operation.
- Allow accessory speed must be at least as high as the maximum speed specified on the machine. Speed exceeds the allowable value of the attachment may be broken.
- Sanding pad, flanges, the inner diameter of the support plate and all other accessories must be in full compliance with the machine spindle. Annex diameter circle will lose inappropriate, excessive vibration, and lead to loss of control.
- Do not use a damaged accessory. Before use, always check that you have nicks or cracks, such as sanding pad, and check that the support plate for cracks and excessive wear. Before each machine fall, check the machine and accessories are damaged, or install attachments intact. After checking and assembly accessories, ensure that everyone outside the range of rotation of the tool and the machine running at maximum speed for one minute. In the test of time, damage to the attachment usually completely broken.
- Wear personal protective equipment. Depending on the application, using the shield or goggles. If possible, wear a small abrasive member adapted to prevent strikes or processing breathing masks, protective gloves and safety earmuffs work aprons. Goggles must be able to block caused by a variety of operating and flying debris. Breathing masks or equipment must be able to filter particles up at work. Continued exposure to loud noise can cause hearing loss, always wear ear protection is good.
- Make sure the work area of the machine and the person standing close to some safe distance. All the staff work area must wear personal protective equipment. Accessories work piece may fly or damage, and led to casualties outside the working area.

- If you want to work may lead to the risk of proximate hidden power cables or your own cable machine, always through the insulated gripping handle machine. In contact with live cables will be transferred to the current metal machine attachments, click and cause danger.
- So that the power cable away from rotating parts. If you lose control, power cable may be cut or punctured, and your hands or arms caught in dangerous rotating parts.
- Before the tool is completely stopped, do not put down the machine. Rotary tool may unexpectedly "grab" your clothing and cause serious cuts.
- Do not carry tools when activated. Placing the rotating tool contacts the surface cause you to lose control of the machine.
- Periodically clean the exhaust port on your machine. Cooling fan dust suction machine, excessive deposition of metal dust can cause an electric shock.
- Do not operate the machine in combustible material attachment. Sparks could ignite these materials.
- Do not use the tool must be liquid-cooled. Water and other liquid refrigerant can lead to potentially fatal electric shock.

Recoil causes and prevention

Recoil for blocking or rotating sanding pad, support plates, brushes or other accessories jammed when sudden reaction. Blocked or jammed cause rotation of the annex to stop, whereby, as a reaction, to accelerate out of control of the machine and accessories in the opposite direction of rotation chokepoint. For example, if you get stuck or blocked sanding pad workpiece, the disc will penetrate the surface of the workpiece four weeks at choke points, leading sanding pad off. According to the sanding pad in the direction of rotation of choke points, sanding pad will fly to or from the user, so alive cause rupture of sanding pad. Improper use of the machine and / or incorrect operating mode or operation will cause kickback, observe the following precautions may

To avoid kickback occur.

- Always firmly grip the machine, the body in your arms and can control any recoil position. If you attach a handle, always use auxiliary handle, make sure that during start-up or recoil energy of the reaction torque. If the proper precautions, the user can control the reaction torque.
- Do not put your hands near the rotating tool. Anti rushed tool in your hand.
- Do not stand on the machine when recoil occurs moved position. And cause the machine to recoil at the chokepoint sanding pad turn in the opposite direction to accelerate.
- When the attachment work corners, sharp edges, etc., please be careful. Avoid kickback and prevent jamming tool. Corners or sharp edges off the back edge of the rotary cutter can cause jamming, resulting in loss of control or kickback.

Special safety instructions for grinding of

- When grinding, do not use too much sandpaper. When selecting grinding discs, please observe the manufacturer's specifications. Too large and beyond will wear

sandpaper block dangerous cutting damage, and lead to stuck or broken recoil sandpaper.

Additional Warning Description

- When working with both hands firmly gripping the machine and placed in a stable position. Please hands gripping the machine, for safer operation.
- Or spontaneous combustion if longevity potentially explosive dust during the grinding process, the material must comply with the manufacturer's processing instructions in any case.
- Harmful / toxic dust (for example, lead paint, some of the wood or metal shavings) during operation. These contact with dust, especially dust inhalation of these will give operators and nearby personnel at risk. Observe the safety regulations of the country will be connected to a suitable power tool dust collector. To protect your health, please wear protection mask P2.
- Do not use a damaged cable machine. Do not touch the damaged cable, if the cable is damaged during operation, remove the plug from the mains power supply. Damaged cable will increase the risk of electric shock.
- Do not use coarse grinding mill items, so as not to damage the self-cleaning blades.

5.3 Noise and vibration amplitude

Measured according to standard EN60745 following typical data:

Sound pressure	74 db
Noise	85 db
Measurement uncertainty margin	K = 3 Fenbei

Noise generated when the work may harm your hearing.

Wear ear protection!

Determined in line with the overall vibration value EN60745 (vector sum of three directions) as follows:

Vibration (triaxial):	ah <3.84m / s ²
Measurement error allowable value:	K = 1.5m / s ²

6 Power and Startup

If you use a non-approved operating voltage or frequency machine, there will be the risk of accidents. Mains voltage and mains frequency must match the specifications on the machine nameplate.

7 machine settings

Accidents and electric shock. To unplug the machine before any operation.

7.1 Installation

- Before the operation, using the disc down stick pan support, the joint and dust collector tube Access Chu Chen mouth the other end, dust collector pipe access dust bag; and then the auxiliary handle installed on the machine.
- If you need to set the edge sanding corners cover removed.

7.2 Electronic Control

Features of the machine with the following property is a full-wave electrical equipment: Smooth starting

Electronic volume control ensure smooth start when you start the machine does not wobble.

Speed adjustment

you can flywheel be stepless in the range of 1200 to 2500rpm. As a result, it's easy to choose a different grinding speed based on different materials.

7.3 Replacing grinding stick pan

※ The Allen wrench (S5) is inserted into the hexagon socket of the output shaft.

※ firm always grinding disc, and turn it clockwise Allen wrench to remove the specified new grinding disc installed on the machine.

※ tighten the grinding disc , hand polished disc rebound test is normal.

7.4 Ancillary materials

the order of the self-adhesive sandpaper according to the grinding disc on. Grinding disc of fastener surface will be firmly self-adhesive sandpaper in place. Make sure the hole with self-adhesive sandpaper grinding disc in the hole with the welcome home. When the self-adhesive sandpaper abrasion, try to change a new.

7.5 LED lighting

When the switch to the on position, the LED will open, so that the operator in the dark under the environment to work properly, and you can view real-time effects processing polished walls.

8 Operating the machine

Do not grip the machine head. Use both hands gripping the machine. Before operating the machine, make sure the dust bag has been installed

- The machine is connected to the main power supply.
- Before turning to make the disk slightly away from the work surface.
- Turn on the machine, adjust the suction power adjustment wheel based on the actual grinding speed. The higher the speed, suction adjustment wheel indicator arrow shall turn the small end; on the contrary, suction adjustment wheel indicator arrow shall turn the big end.
- Carry out the necessary grinding work.
- Do not over-pressing machine! Pressed with moderate pressure get the best grinding results. Grinding effect and quality depends on selecting the correct abrasive material.
- The unit has a self-cleaning device, please timely treatment dust bag dust inside, so as not to affect the self-cleaning effect.
- Upon completion of the grinding task, turn off the machine.

9 Service and Maintenance

In front of the mill maintenance to remove the power plug, cut off electricity source.

No need to open each of the motor housing maintenance repairs only it can be authorized by the company's customer service department.

※ regularly check the power plug and, if there is damage, please go to an authorized repair shop for replacement

※ In order to ensure constant air circulation, always keep the vents clean and obstructions on the motor housing.

※ regular cleaning contacts slippage. Do not use hard objects to clean.

※ The machine is equipped with automatic features Brush breaking function when it is exhausted, it will force the motor stops automatically.

10 Accessories

Only use the machine supporting the company original parts and consumables, as these system components have been specially designed. If you use other vendor-supplied components and accessories longevity claims will adversely affect your quality of work and the quality of the future. Therefore, in order to effectively protect the long-term interests and your machine, and better safeguard the rights of your warranty claims, please use the company's original parts and accessories.

11 Processing

Do not throw the power tool in your household waste. Place the machine, accessories and packaging to the environmentally friendly recycling center for processing. Compliance with existing national regulations.

12 Warranty

All the company's materials and manufacturing defects, we provide three months of maintenance (invoice and delivery order is based). Due to normal wear and tear, overload, non-compliance with the operating instructions of the wrong operation, or damage to the user that the purchase had confirmed that there are quality problems not covered under warranty.

Not only in the machine disassembly, and under the premise of full service supplier or our service department, the complaint will be accepted. Please keep instruction manual, safety precautions, spare parts list and proof of purchase.

Note: As the company has always pursued the purpose of continuous research and development, we reserve the right to change the information in the technical data.

Ship list

- Machine 1set
- Dust bag 1pcs
- Auxiliary handle 1pcs
- 2 meter dust suction pipe 1pcs
- Hex wrench 1pcs
- Connector 2pcs
- Instructions 1 pcs
- Brush 1 pay
- 80 #, 100#, 120 #, 150 #, 180 #, 240 # sandpaper 1set