

DRYWALL SANDER

FG-S1200



INSTRUCTION MANUAL



Contents

1. Warning & Statements	1-4
2. Voltage	4
3. Device Application	4
4. Technical Specifications	4
5. Structure Overview	6-7
6. Installation & Sandpaper Replacement	7-9
7. Installation & viscid disc Replacement	9-10
8. Connection Set for Dust Outlet	10-13
9. Switch& Speed Governor operation	13-14

10. Application Diagram.

14-16

11. Cleaning.

16

12. Replacement of carbon brush.

16-17

1. Warning & Statements



Note: In order to reduce the hazards of fire, electrical shock and injury, etc, the statements listed below shall be taken into consideration upon application of electric tools.

1. Understand your electric tool fully by going through the user manual carefully together with identifying the application, limitation and potential risk accordingly.
2. Adopt protective appliances and act by conforming to the due order strictly.
3. Remove all the regulatory instruments, and form the habit to check about that prior to application of electric tools.
4. Keep the operational site clean. Accidents are most likely to occur in case that the electric tools are used in a messy and dirty place, or on the workbench.
5. Any operation in unsafe conditions is strictly prohibited. Do

not use the electric tools in places exposed to damp/moisture, or leave them outside in rainy days. Make sure to keep the operational site bright enough.

6. Keep the children away from the devices. Certain distance shall be guaranteed as for the children in search of on-site operational experience.
7. Actions shall be taken to avoid the workshop accessible by children without permission, such as locking the door, cutting off the power supply or taking away the launch key.
8. Do not use the devices at will. To ensure the overall quality of work piece and maintain security anyway, please use the devices within the design capacity.
9. Use the devices correctly, and do not operate them in overloading or abnormal status.
10. Ensure appropriate clothing. Do not wear loosen clothes, gloves, tie, knot, etc. which may result in hazards of being entangled by running devices. Prefer shoes with skid proof to avoid slipping, and cut the hair to the proper length.
11. Remember to wear protective spectacles. Abundant dust may come out in the buffing process, thus it's necessary to wear dust mask. Glasses in daily use incorporate lens with impact resistance only, which could by no means meet the safety requirements.
12. Do not place your hands over the twisting disk. Meanwhile, stand still during the operations.
13. Prior to adopting the device, check if the disk suffers from defects as rupture and the sandpaper is well-composed.
14. Ensure tight connections at the disk and other joints.
15. When using the device, remember to hold the handle firmly.

Single-hand operations and any intentions to touch the disk are strictly prohibited.

16. Before switching on, the disk shall be away from any contact of other objects.
17. Prior to application, the device shall be powered and switched on to make the disk twist at full speed. Avoid waver arising from installation error and misplaced disk. In case of any malfunction, cut off the power supply and cease the operations at hand immediately.
18. Treat the device maintenance cautiously. Keep the grinder sharp and safe at any time. In addition, follow the instructions to lubricate the device and replace appropriate accessories.
19. The power supply must be cut off during maintenance, such as the replacement of accessories, sandpaper, etc.
20. Avoid direct connection to power supply. Before power on, check if the switch for the device is off in advance.
21. Use the accessories according to the instructions. Read through the user manual in details, and select right accessories accordingly, otherwise, it may result in unexpected injuries.
22. Check if the components or devices are damaged at any time. In case of any failure or abrasion, replace the device at once. Otherwise, it may affect working efficiency or even result in accidents.
23. Keep an eye on the device to cancel it. Make sure to switch off, and wait until the device finally ceases.
24. As for adoption of the device, only apply specified parts for replacement.

25. In case of maintenance or replacement, adopt specified spare parts only.

2. Voltage

Before connecting electric tool to the socket, make sure that the supply voltage be in accordance with rated voltage. If the former is greater than latter and the device is powered on by mistake, it may result in damage of devices and injuries of people. As for indefinite supply voltage of socket, never try to plug for use. Besides, the damage of devices may also occur if the supply voltage falls below rated voltage.

3. Device Application

As one of our products, the device belongs to the hand-held electric tools.

The device mainly caters for lime surface, including the interior wall, ceiling, exterior wall, corridor, etc. Remove the painting lime mud from the wall, and make the surface even or smooth. It may promote the wall grinding efficiency and quality by workers.

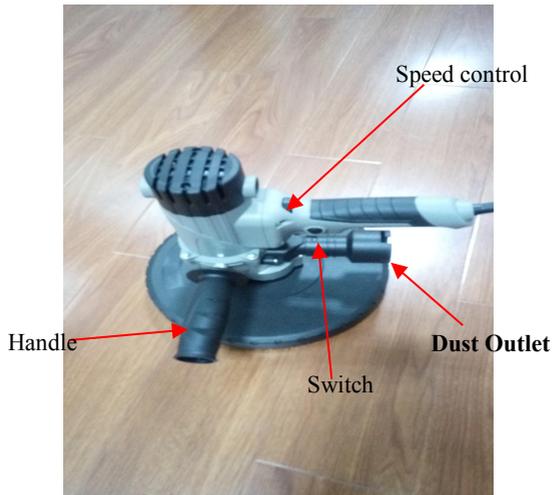
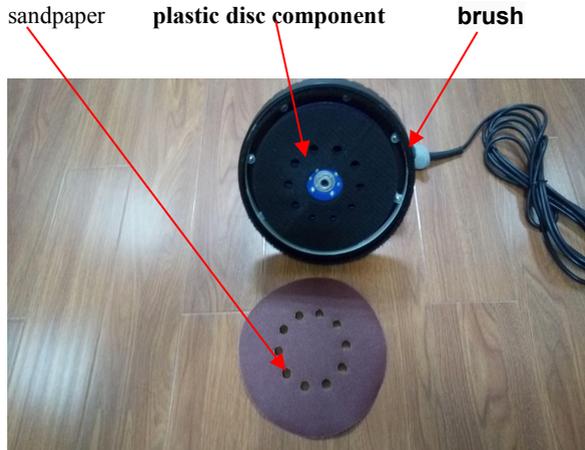
With various conditions taken into consideration in the design, the device may run at high or low speed to optimize the grinding efficiency and realize user-friendly and compact design.

4. Technical Specifications

<u>Model</u>	<u>FG-S1200</u>
<u>Rated Voltage</u>	<u>230/110 (V)</u>
<u>Frequency</u>	<u>50/60 (Hz)</u>
<u>Rated Power</u>	<u>1200(W)</u>
<u>No-load Speed</u>	<u>1500-3300(R/min)</u>
<u>Sandpaper Dimensions</u>	<u>Φ225(mm)</u>
<u>Safety Standard</u>	<u>II /回</u>
<u>Net/Gross Weight</u>	<u>2.7/4.1 (kg)</u>
<u>Machine size</u>	<u>300*258*258 (mm)</u>
<u>Packing Dimensions</u>	<u>27.5*27.5*28 (cm/pc)</u>

5. Structure Overview (See following pictures)





Standard Accessories

Sandpaper: 6 pc

Allen Wrench: 1 pc

Carbon Brush: 2 pc

Telescopic Dust hose: 2 m/1 pc

Dust bag: 1 pc

6. Installation & Sandpaper Replacement (See following picture)



⚠ Note: Prior to installation or removing the sandpaper, make sure to not only switch off the device, but also cut off the power supply.

—Installation Guide

To ensure the replacement procedures, place the device on the smooth ground prior to installation. Take the sandpaper from the toolbox, and then fix it onto the disk (see Fig .2). The back of the sandpaper (Item 1) will automatically glue with the disk/adhesive disk (Item 2), making both connection and conduction available.

In order to promote the grinding efficiency, it is necessary to change the sandpaper after the device has been operational for a certain period. Firstly, switch off the device and disconnect the

socket. Then, remove the previous sandpaper entirely from the disk, so as to lay new sandpaper neatly as well as facilitate future replacement. At last, fix new sandpaper in position.

—Sandpaper Overview

Grinding towards the target wall and object is possible with abrasive grains and sandpaper twisting upon operations. The sandpaper is classified into various categories according to its dimensions. It is recommended to select the sandpaper in accordance with actual size of the disk. The more abrasive grains included on the sandpaper, the better flatness and parallelism can be achieved via grinding, while the grinding efficiency will fall accordingly and vice versa. Therefore, the sandpaper (Φ225mm) is recommended upon actual needs.

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 **Warning : Prior to the sandpaper replacement or installation, do read safety precautions and installation guide carefully.**

7 . Installation & viscid disc Replacement (See following picture)

If the viscid disc is damaged in the work, a new viscid disc can be purchased from our company for replacement.

—Installation Guide



Remove the sandpaper, put the Allen wrench into the hexagon hole in the center of the viscid disc and then rotate clockwise to take off the damaged viscid disc. Install the new viscid disc (see the picture).

8. Connection Set for Dust Outlet (See following pictures)

Dust outlet

Lock button



a

b



picture-1

b

a

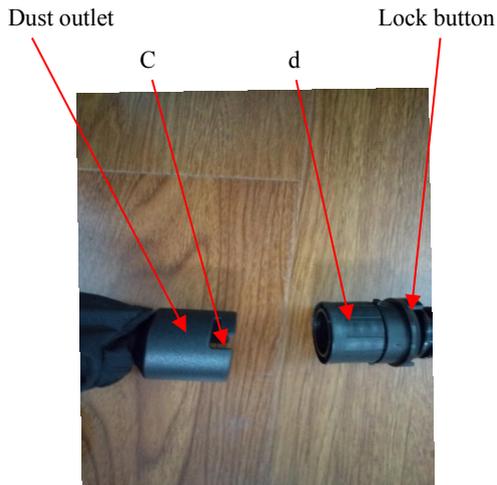
picture-2

As its name implies, it is used for connecting the device to Dust Outlet (accessory). The dust will come out from the wall upon operating the grinder. The device is connected to Dust Collector at back via Connection Set for Dust Outlet, making it possible for the operator to reduce the amount of dust.

— **Installation Guide&Dismantling Process** (picture 1&2)

Insert the dust hose into the dust outlet ,rotate the hose to the right to lock the component B into component A.

Rotate the lock to the left and pull out the dust hose to dismantling



picture-3



picture-4

— **Installation Guide&Dismantling Process** (picture 3&4)

Figure (picture 1 & 2) 。

9.Switch& Speed Governor Operation(See following picture)

The switch of this machine has self-lock button.As shown in following picture, press the main switch button to power on.After pressing main switch button then press the self-lock button the

switch button will be locked no need press the button all the time. Press the main switch button (no need press self-lock button) to power off.

The Speed Governor, as shown in the following picture, may be used to regulate the speed, so as to facilitate the operations of workers and improve work quality simultaneously.

Intense current will be generated when motor start it will cause great damage to the machine and has potential safety problem. So this machine use soft start design, even pace start, to reduce the damage to the motor and enhance the safety.

Self-lock button



Main switch



Speed control

10. Application Diagram

This machine has self-suction function no need connect with vacuum cleaner when sanding. It could be easily and conveniently adjusted by rotating the gas vent on the plastic disc. First buckle the belt on the dust bag, then tie zip up it. (see following picture)



As shown on the picture the operator can sanding the different position of the wall.

11. Cleaning

Regular cleaning shall be conducted after grinding.

- Cleaning the devices frequently may help to extend operating life and reduce repair rate. It is recommended to clean the connection sets and components of electric motor without application of water.
- Timely cleaning is recommended after the application of the devices.
- Clean the devices with a hairbrush and a piece of dry cloth, or simply blow it with high pressure gas.

12. Replacement of carbon brush(see following picture)

ry. When the original carbon brush is worn the machine has a set spare carbon brush for replacement.

Guide for the replacement of carbon brush :

Using the "a" word screwdriver anti clockwise direction of the brush holder cover is screwed out, remove carbon brush, will spare the brush into the brush holder, tighten the brush holder cover to ensure brush on the brush frame move freely,

Noted: The Carbon Brush must be from the original facto



Brush holder cover

Carbon Brush

Brush holder

Manufacturer: NINGBO FEIGE TOOLS;TLD.

Add: No.78 Central Shipoqiao Road, Yuyao Ningbo City,
Zhejiang Province, China