

Polymak[®]

SOLUTIONS PROVIDER FOR INDUSTRY AND TRADE

Polymak Tools(India)Pvt.Ltd

186/187,P.H Road,Alsa Towers,Kilpauk,
Chennai-600 010,

Tel. :+1800-309-4535

E-mail :info@polymak.co.in

Visit us at:www.polymak.co.in

Polymak[®]

SOLUTIONS PROVIDER FOR INDUSTRY AND TRADE

WALL SANDER

CM-DWS1200

INSTRUCTION MANUAL



Please read this manual carefully before using the tools.

33	Plastic washers
34	608 Bearing Human
35	stainless steel gasket
36	spring
37	7185 Rotor 220V
38	stainless steel gasket
39	607 Bearing Humanistic
40	17B Bearing Sleeve 607
41	Inductor $\phi 10$ (5+1)
42	7185 Brush Holder/Cover
43	Carbon brush 7185
44	Shell/Small Parts around 7185A
45	7185A Handle + Rubber Coating
46	4*14 pan head B-type self-tapping screw
47	180S Speed Controller Soft Start 230V/50Hz
48	7185 Main Switch (Black)
49	0.22 Capacitor 100mm
50	The lead wire blue
51	14.5-16-PA4*14 Pressing Plate
52	125 Jacket (7237)
53	long joint
54	Hose $\phi 32*2M$
55	Dust collection bag with no text
56	180mm sandpaper
57	shim
58	hex key
59	7185B Side Handle (225R)
60	Packaged Carbon Brush 7185
61	45*35*4 sponge gasket

CM-DWS1200 DRYWALL SANDER	
Item Name	
1	6*18 5*11 hexagon step screw
2	conical spring
3	180mm adhesive disc
4	Wear-resistant strip (long)
5	4*12 self-tapping screws (Φ15)
6	7185B Disc
7	4*30 self-tapping screw
8	Wear Resistant Strip (Short)
9	7185B Side Cover
10	4*16 self-tapping screw
11	Switch cover 7185B
12	7185B Transparent Lampshade
13	LED strip 530mm (socket) width voltage
14	Φ4 wire crimping cap
15	4.8 Insert spring
16	7185B vent knob
17	4*12 self-tapping screws with washers
18	7185B Fixed Circular Disk
19	7185 small switch
20	4*25 self-tapping screw
21	Intermediate Cover 7185
22	oil seal
23	Output shaft 7185
24	3.9*13 semicircular key
25	6001 Bearing Macro-Leaf
26	Φ28 hole card
27	Positioning Sleeve (Powder Metallurgy)
28	7185 gear
29	Φ10 shaft clamp
30	spring
31	608 Bearing Macro Leaf
32	Stator 7185 220V

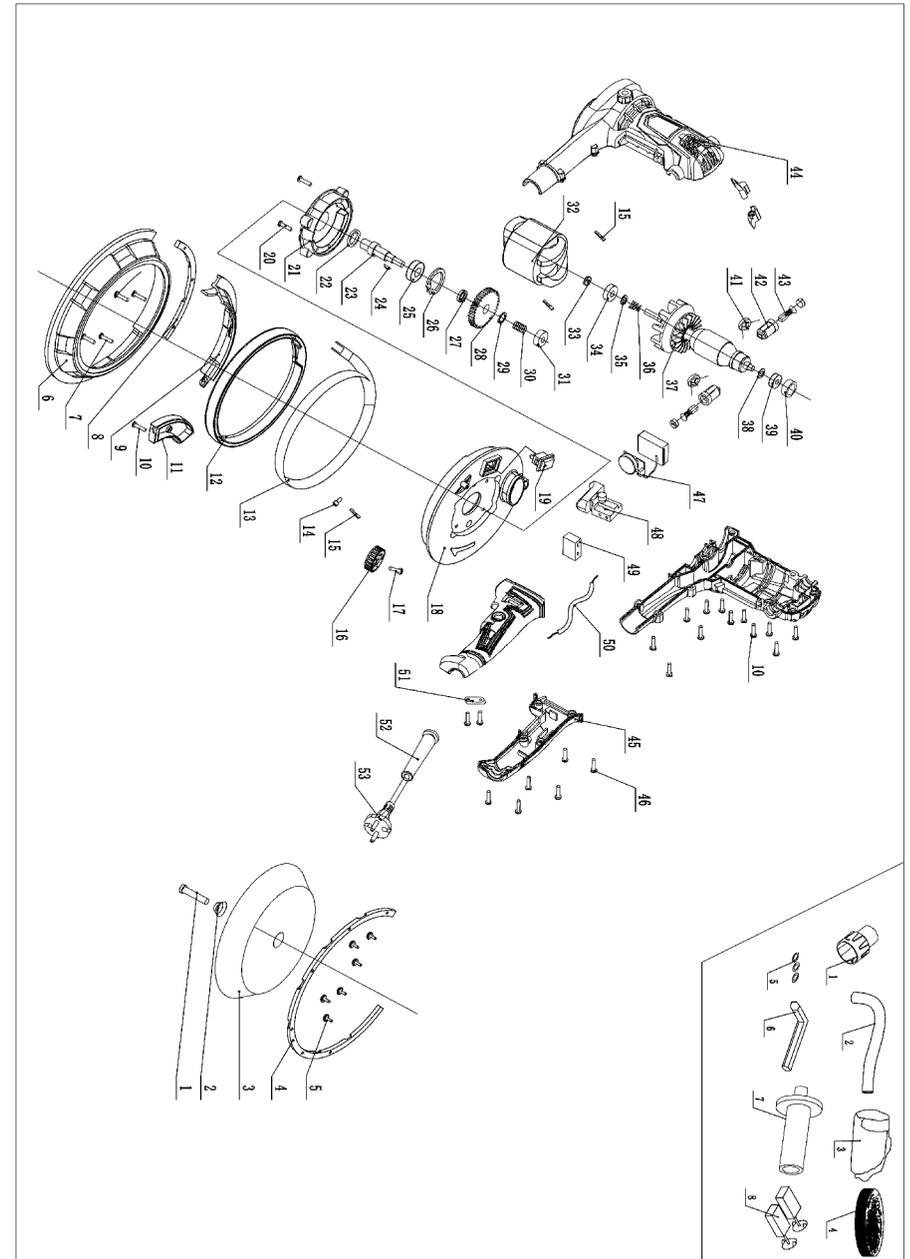
Contents

1.Warning&Statements.....	3-5
2.Voltage.....	5
3.Device Application.....	5
4.Technical Specifications.....	5
5.Structure Overview.....	6
6.Switch&Speed Governor operation.....	7
7.Installation&viscid disc Replacement.....	8
8.Replacement of the round sanding pad.....	8
9.Sanding of corner.....	9
10.The suction can be adjusted.....	10
11.Replacement of carbon drush.....	10
12.Cleaning.....	11

1. Warning & Statements

Note: In order to reduce the hazards of fire, electric 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.



- 1) Use the screwdriver to open the cover of the carbon brush and take out the carbon brush
- 2) Put the spare carbon brush into the Brush Carrier, use the screwdriver to rotate and fix the cover of carbon brush tightly.



12. 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. Hold the work piece tightly, if necessary, you may use a clamp or vice, Which appears to be safer than grabbing with hands

13. Do not place your hands over the twisting disk. Meanwhile, stand still during the operations.

14. Prior to adopting the device, check if the disk suffers from defects are rupture and the sandpaper is well-composed.

15. Ensure tight connections at the disk and other joints.

16. When using the device, remember to hold the handle firmly. Single-hand operations and any intentions to touch the disk are strictly prohibited.

17. Before switching on, the disk shall be away from any contact of other objects.

18. 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.

19. 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.

20. The power supply must be cut off during maintenance, such as the replacement of accessories, sandpaper, etc.

21. Avoid direct connection to power supply. Before power on, check if the switch for the device is off in advance.

22. 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.

23. Check if the components or devices are damaged at any time. In case of any failure or abrasion, replace the devices at once. Otherwise, it may affect working efficiency or even result in accidents.

24. Keep an eye on the device to cancel it. Make sure to switch off, and wait until the device finally ceases.

25. As for adoption of the device, only apply specified parts for replacement.

26. 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 damages 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. In addition, this machine is designed with self suction function, can effectively reduce the dust when sanding.

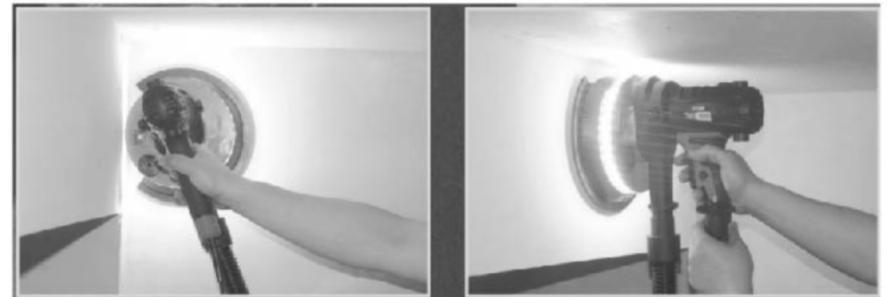
4. Technical Specifications

Rated voltage /Frequency	230~240V/50Hz 110~120V/60Hz
Rated Power	1200W
No-load Speed	0-2600r/min
Sanding Pad Dimensions	Φ 180mm
Product size	



- 360° Rotatable grinding discs—
Easy for ceiling polishing & edging grinding

With 360 degree Rotating Disassembled Part, it's more better to sanding the corner space.



10. The suction can be adjusted



11. Replacement of carbon brush

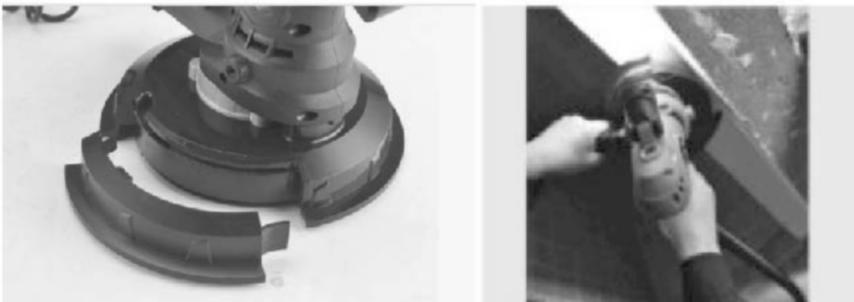
When the original carbon brush is worn the machine has a set spare carbon brush for replacement.

Guide for the replacement of carbon brush:

Taking off the sandpaper, using the wrench put into the holes in the center of the sanding pad the slackening clockwise to take off the old sanding pad, install the new sanding pad.

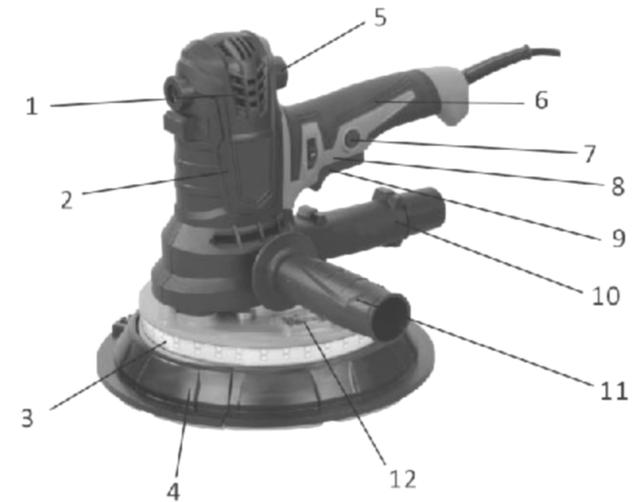


9.Sanding of the corner



Take off the disassemble part one the cover of the sanding pad (Part 8)
Sanding the corner space

5.Structure Overview (See following pictures)



1.Heat sink at the top

2.High-power Motor

3.Double LED Strip Light

4.180mm Rotating Adhibit Tray

5.External Carbon Brush

6.Soft hand Grip

7.Speed Controller

8.Speed control switch

9.Switch

10.Connector for dust collect bag

11.Side handle

12.LED Strip Light switch

13.LED light

Standard Accessories



1. Dust collect bag	1pc
2. Dust hose 2M	1pc
3. Side handle	1pc
4. Adapter	1pc
5. Sand Paper	6pcs
6. Carbon brush	1pc
7. Adjusting shim	3pcs
8. Inner hexagon wrench	1pc

6. Switch & Speed Governor operation

This drywall sander switch is self-locking switch. It can be locked in the "ON" position.

When turn on the machine, just press the main switch button it can work.

When press the switch button and the self-locking button the switch will be locked no need to press the switch button all the time.

When turn off the machine you only need press the main switch button, no need press the self-locking button on the machine will be turned off.

As shown in Figure governor can be adjusted easy to operate and also can improve the work quality. Motor start will produce a strong current, will cause great damage to the equipment and it is not safety. So this machine is soft start design, using uniform start, cause little damage to the motor, also greatly improves the safety



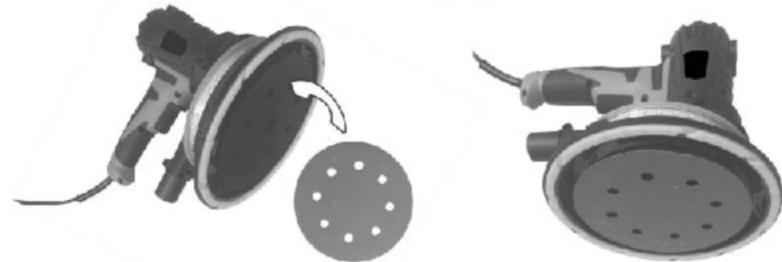
7. Installation & Sandpaper Replacement

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). 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 operation. 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 (Φ180mm) is recommended upon actual needs.

8. Replacement of the round sanding pad

In the using if the sanding pad have been broken you can ask our company for new sanding pad.

Installation Guide