<u>Polymak</u>

WALL CHASER

PM133WC

INSTRUCTION MANUAL

<u>Polymak</u>

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Product Description: This tool is suitable for the cutting and forming of old fire brick, cement brick, light brick, concrete wall (ground) and the cutting of granite, marble, ceramic tile and other building materials.

The slot machine is the 8th interation product, compared with previous products has the following salient features.

- 1. Under the same efficiency, the weight is lighter, the net weight of the machine is 6.2KGS, which is 3KGS lighter than the previous products, greatly reducing the user's labor intensity. However, the depth of the groove is deeper and wider than the previous ones.
- 2,160 degrees rotating auxiliary handle, more suitable for the use of a variety of complex places.
- 3, Maintenance is faster and more convenient.
- 4, Unique leak-proof design enhances the service life of the machine greatly, making it much safer to operate.
- 5, The design of rotatable rear handle is safer and more ergonomic.
- 6, 75-360 degrees arbitrarily cut, competent for all complex places to use.
- 7, This tool is designed for water and vacuum with two in one operating structure, greatly reducing the dust of cutting operations. With water operations can effectively extend the life of the blade, thereby reducing the cost of slotting.
- 8, Equipped with a pump and leakage protection plugs make slotting easier and safer.
- 9, Valgus protective cover, can effectively protect the gravel, dust on the human injury. Completely avoid the traditional slotted machine shield was crushed sand and sedimentary defects.

Technical data

220V AC/50-60HZ 2700W
2700W
E1 55 11
5000r/min
133*20*4.5mm
42mm(W) X 41mm(D)

Symbol instructions



Warning symbol means any failure to follow the operating procedures in this manual will result in personal injury or damage to the machine

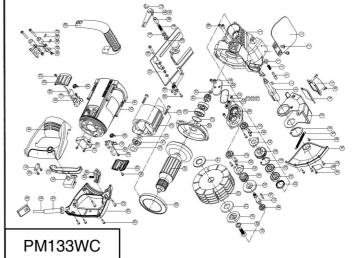


Prevent electric shock symbol, means that any operation not in accordance with the operating procedures in this manual, will cause electric shock damage



Fire symbol means any failure to follow the operating instructions in this manual will result in fire hazard

ight of the machine is 6 2KGS which



Exploded view for PM133WC

1	15001144	fender		1	55	1206000052	Bearing sleeve	6000	1
2	1315000163	Cross flat head screw	M5*8	2	56	1313001083	chassis		- 1
3	18080113	Head	156-3	1	57	1315000137	Hexagon socket screw	M5*40	4
4	1315000147	Self-locking aluminum	M5	1	58	1202050041	Coil spring		2
5	1202050037	Since the spring lock	Ф6*19	1	59	1205000166	Brush holder		2
6	1202050036	Since the lock pin		1	60	1205000167	Carbon brush		2
7	1202050008	Flat key	4*12	1	61	120202108	Cross head tapping screw	ST4*10	6
8	1205000303	The output shaft		1	62	1313001125	Carbon brush side cover		2
9	15001166	Dust hood (suction fan)		1	63	1202020068	Cross head tapping screw	ST4*16	5
10	1315000146	Cross head screw	M4*6	4	64	1313001053	The right handle		1
11	18080082	Block dust cover		1	65	1315000165	Cross head tapping screw	ST4*16	2
12	18080120	Activities cover		1	66	1205000233	Soft start		1
13	1202050065	Shaft with retaining ring	Φ40	1	67	1315000178	Cross head screw	ST4*12	2
14	1202050038	Shield tension spring		1	68	1313001225	Rotating button		1
15		gasket	Ф16*Ф10*1	2	69	1202040037	spring	6.5*Ф0.7*20	1
16	18080081	shield		1	70	1313001052	The left handle		1
17	1315000211	Hexagon socket screw	M4*18	3	71	1203020104	Line pressing board		1
18	1202020318	Dust cover gasket		1	72	1203021117	Switch button		1
19	1202020052	Cross head screw	M4*10	2	73	1205000164	switch		1 1
20	18080114	Side cover		1	74	1206000003	Cable sheath	1	1
21	1202030074	o-rings	44*1.9	1 1	75	1205000353	cable	+	1 1
22	TEGEOGGGT 4	Hexagon socket screw	M5*20	5	76	1205000172	protector		1
23	1202020381	Spring washers	Ф5	9	77	1202040027	Open ring	Ф12	1
24	1202020001	Flat mat	Φ5	9	78	1202020317	Adjust the wrench	412	1 1
25	1202020004	Hexagonal nut	M8	2	79	1202020317	Lock nut	8*13*13	1
26	18080115	Front cover	IVIO	1	80	1205000310	spacer	0 13 13	1
27	1202010139	bearing	6001	2	81	1315000212	The carriage screws	8*85	1 1
28	1315000132		M4*12	7	82	1205000212	floor	8-85	1 1
29	1202010148	Cross head screw	N4-12	2	83	1315000128	Hexagon socket screw	M6*35	1 1
30		Bearing gland	0.6	1	83			M6-35	1 1
31	1205000304	Big gear	25gear 32	1	85	1207000101	The faucet		1
	1202050066	Hole with ring				1313001040	Before the handle		
32	1202010138	bearing	6002	4	86	1202020080	Hexagon socket screw	M5*12	6
33	1202030056	Skeleton oil seal	Ф30*Ф24*4	1	87	1202020025	Hexagon socket screw	M5*30	2
34	1205000305	pinion	15gear	1	88	18080121	Small wheel	ZL102	2
35	1205000306	Big teeth	23gear	1	89	18080122	With the rest	ZL102	1
36	1202050080	Flat key	4*4*25	1	90	1202020002	locknut	M5	2
37	1205000307	Intermediate shaft		1	1	15001134	wrench	29.5	1
38	1202010142	bearing	608	1	2	1313000593	labeling	1005	1
39	1315000138	Hexagon socket screw	M10*25	1	3	1311040083	The color carton	1005	- 1
40	1202020008	Spring washers	Ф10	1	4	15001136	The socket	10/16A 250V	1
41	1202020300	The clamp	10000	1	5	1313000111	Seal the	100000000000000000000000000000000000000	2
42	1202020313	The clamp		1	6	1314000011	Machine bag	6595	- 1
43	1202020320	Saw blade	Ф125/Ф133	- 5	7	11190010008	Slotting machine (red)	156-3	1
44	1202020312	Under the pressure plate		1	- 8	15001138	Hexagon socket wrench	8	1
45	1315000153	lock nut	M6	2	9	15001135	The water pump		1
46	1205000308	Small cone gear	10gear	1	10	15001137	Water pipe	8*3(60M/	1
47	1206000083	o-rings	Ф35*Ф1.9	1	11	1314000001	Manual bag	16*24	1
48	18080116	The middle cover	1		12	1311020025	Plastic box	156-2	1
49	1205000286	The rotor	Ф50.5*68Н	1	13	1313000583	Plastic box of main label	1005	- 1
50	1313001054	Wind circle		1	14	1313000584	Plastic box sub-topic	1005	1
51	1315000155	Tapping screw	ST5*80	2	15	1313000574	The patent	1005	1
52	1205000287	The stator	Ф85*68Н	1	16	15001149	M4 inner hexagon wrench		1
53	1202050040	Rotor gasket	Ф10*Ф22*0.3	1	17	1314000020	Manual bag	10*15	1
54	1202010107	bearing	6000	1					_

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Replace the cutting piece, as shown for Disassembly and assembly 2. Open the cover sheet

1. Disassembly tools







5. Remove the pressure plate and saw blade



3. Loosen the screw and flip the

6. Remove the spacer between the saw blades







7. Remove the order of reverse installation, to complete the replacement. (Lock clockwise)



The machine's maintenance and repair

Before any maintenance and care of this machine, you must disconnect the power, unplug the plug!

- 1) The machine is manufactured according to safety standards and should not be disassembled if the machine fails to work.
- 2) When repairing, the accessory must be the spare parts provided by our company, otherwise the machine will be damaged or hurt.
- 3) After each use of the machine, be sure to clean the gravel and dust on the machine and keep all operating parts such as switches, plugs and handles clean and keep it out of the reach of children,keep it dry. Avoid rust on the machine can not work or accident.

Name of the component

1 switch 2 handle cover

3 rotary button

4 chassis

5 front handle

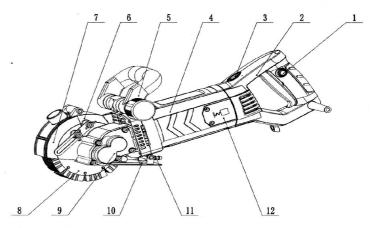
6 Aluminum head shell

7 movable shield 8 saw blade

9 bearing

10 base plate 11 faucet

12 brush cover



Safe operation instructions

Working environment

- 1) The work area should be clean, light and well-ventilated
- 2) Do not use this machine in places with inflammable and explosive materials
- 3) When the machine is working, be sure to keep away from children, bystanders and animals
- 4) Do not use the power cord to pull the machine. Otherwise, it may be damaged and cannot work properly.
- 1) The machine uses the leakage protection plug, please use the plug as the warning label requirements
- 2) The socket type of the power supply should be matched with the plug provided by this machine. It is not allowed to make any change to the plug structure, and use this machine under the condition of power supply with grounding wire.
- 3) Do not use this machine outdoors in the rainy day
- 4) Do not use the power cord to pull the machine, so as to avoid the machine is not good and can not work properly
- 5) We should avoid the power cord contact with hot, wet, sharp class material and moving parts
- 6) When the machine is used outdoors, please use the power cord extending 4mm² above and outdoor, and keep the connection reliable.
- 7) After turning on the machine, avoid any part of the body touching the wall surface

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Personal safety

- 1) When operating the machine, always be on guard and never use the machine under conditions of fatigue, alcohol abuse, drugs or medication to avoid accidents caused by inattention during operation.
- 2) When operating, be sure to use protective equipment, such as dust masks, goggles, earmuffs and so on. To avoid splashing sand and dust to contuse eyes and face, or hearing loss due to strong noise.
- 3) To avoid starting accidentally, make sure the machine's switch is off before turning on the power. Ensure the appropriate connection to the power. Do not put your finger on the switch button to prevent accidents.
- 4) Before starting the machine, check that the adjusting lock wrench and tool have been removed from the machine.
- 5) When operating, the body should not stretch forward too much, please always keep your body balanced.
- 6) He when operating, please do not wear loose clothing, do not wear jewelry, users with longer hair should discard hair into the protective caps, so as not to touch the moving parts during operation, causing accidents.

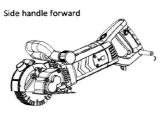
The use of the machine and precautions

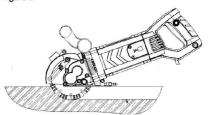
- 1) Before using, check the safety of the power supply. Poor socket and power cord can cause poor contact. In severe cases, it may cause electric shock, fire and other accidents.
- 2) During the slotting operation, keep the machine straight and advance uniformly.
- Operators should wear insulated gloves and insulated shoes when using water-cut operation, so as to avoid electric shock accidents.
- 4) Draw the guide wire on the work surface to improve the efficiency and accuracy of slotting
- The machine is high-power with heavier work load, so please ensure the interconnecting components solid and reliable before using.
- 6) Waterless cutting operations should be equipped with dust removal equipment, so as to ensure a good working environment
- 7) When turning the machine, you should open the cover while paying special attention to the protection of flying sands. Slotting work without protection is very dangerous. In serious cases, it will cause personal injury.
- 8) When using a pump to groove on the wall, work from top to bottom. Be careful not to let water flow into the machine.

Operation instructions

A, Facing the slot when (Figure 1) operation

Figure 1



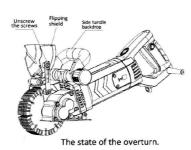


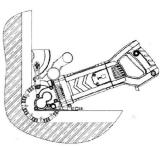
The state of a cover when the cover is closed

A plane wall for cutting (slotting) when the cover is closed

B. When the corner slotted (Figure 2) operation

Figure 2





When the cover is turned over, it is used for cutting (slotting) wall corner.

The use of water pumps

- 1, A pipe into the machine on the tap
- 2, The other end of the water pipe into the pump outlet
- 3, The pump into the bucket with water, plug in 220V power can be used