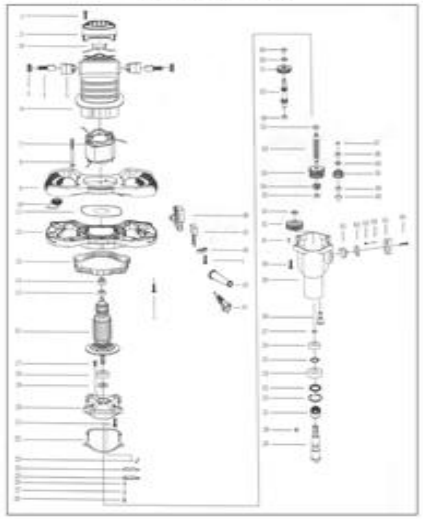
OWNER'S USER MANUAL

HAND MIXER

EXPLOSIVE VIEW FOR C-PM2-D1



SPARE PARTS LIST FOR C-PM2-D1

No.	Description	Qty.	No.	Description	Qty.
1	srew ST3.8x14	20	34	bearing 6004	2
2	rear cover	1	35	circlip 20	2
3	carbon brush cover	2	36	bearing 6002	2
4	carbon brush	2	37	circlip 14	2
5	brush holder	2	38	middle shaft	1
6	housing	1	39	gear box	1
7	stator	1	40	screw M5x25	4
8	screw ST4.8x60	2	41	pin 4x8	2
9	upper handle	1	42	gear no.5	2
10	speed control	1	43	circlip 14	1
11	wind guide	1	44	wire	1
12	down handle	1	45	sheath	1
13	outlet wind cover	1	46	press board	1
14	bearing holder	1	47	capacitor	1
15	bearing 608	1	48	switch	1
16	rotor	3	49	bearing 688	4
17	screw M4x16	1	50	circlip 10	1
18	bearing 6001	1	51	gear no.1	1
19	wool ring	1	52	shaft for gear no.1	1
20	middle cover	4	53	bearing 698	2
21	screw ST4.8x30	1	54	shaft for gear no.2	1
22	oil washer	1	55	gear no.2	1
23	corduray	1	56	gear no.3	1
24	oil washer	3	57	circlip 8	1
25	oil pot cover	3	58	circlip 16	1
26	flat washer	3	59	gear no.4	1
27	spring washer	2	60	circlip 12	1
28	screw M3x10	2	61	speed shift knob	1
29	spindle	2	62	circlip 28	1
30	spline 5x12x5	2	63	spring	2
31	connect ring	2	64	Ball 4	2
32	circlip 42	2	65	speed shift knob	1
33	dust cover	2	66	screw M4x14	1

HAND MIXER

Please read and understand owner's manual before operating the machine, keep well the manual. Don't operate the machine until you read the manual, understand the operating and trouble shooting for the machine.

1. MAIN COMPONENTS

Double paddle mixer
(1)Mixing Tool(Paddle)
(2) Lock Clip Connection Shaft
(3)Electronic speed regulator
(4)2 II Speed Switching Poker Rod
(5)Switch Rest-Lock Knob
(6)Start Switch
(7)Motor Housing

2. PRODUCTION DESCRIPTION

The mixer is an electrical power mixer, which fitted with a double count-rotating mixing tool (single mixing tools also available). It is used for mixing building materials and chemical materials, for mixing even heavy materials quickly and thoroughly, especially for the difficult mixing materials, such as high-density mortar, dried building materials, low or more kinds of mixed materials. Different mixing tools are available for the mixer, and different speed meet the demand of different materials mixing.

3. CAUTIONS

Please read and follow these instructions before operating the machine. It may occur unpredictable results if you do not follow it! For people and machine safety, please obey it!
(1)DO check the safety situation when the machine is in operating!
(2)DO operate the machine in a suitable working space!
(3)DO keep other persons away from the working space!
(4)DO avoid the machine affected with damp when the machine operated in the amp working space!
(5)DO keep the working space sufficient lighting!
(6)DO check the power source/voltage is the same as showing on the machine label!
(7)DO check the machine have earth protecting or not!
(8) The machine cannot be overloading!
(9)The electrical cable can't be too far away from the machine, can't pull the cable to disconnect the plug from the socket directly! Keep the cable from heating damp, scratch!
10) DO only use no scratch, no defected cable with plug!
(11)DO pull off the power source when the machine is out of work maintenance or changing the mixing operation!
(12)DO NOT mix the material which flammable pointless than 21°C!
(13)DO NOT use solvents for cleaning the tools! Unless it will have an explosion dangerous!
(14) DO NOT install and operate the machine in the flammable and explosive circumstance! Otherwise, it will have explosion dangerous!
(15)DO NOT use the slide or movable mixing drum!
(16)DO NOT star the mixer until the mixing tool is in the mixing drum or other drums!
(17)DO NOT run idle of the machine!
(18)DO NOT take out the sample until the machine is stopped! DO NOT touch into the mixing drum when the machine is in operation
(19)DO NOT star the machine when the dried material is in the drum or stick to the drum!
(20) The machine will not be a failure only you operate it carefully.
(21) Please wear goggle and ear cap when operating the machine.
(22) DO use only original spare parts for machine maintenance.

4. MIXING TOOLS CHOICE

For the mixer with double counter-rotating tools, we supply P1 mixing tool as standard fitting. K1K2 K3 K4 K5 K6 K7 K8 K9 K10

P1: heavy-duty, multifunction, suitable for heavy viscous materials, mortar, sand, heatproof paints, etc, it is also suitable for thin materials

For the mixer with single mixing tool, we supply K3 mixing tools as a standard fitting, K1-K10 mixing tools, etc is also available for special use,
they are the M14 screw connection.

5. MAINTENANCE

Correct maintenance for the machine can prolong the working life; The handle switch must always keep in proper function and good maintenance; The mixing tools should be cleaned when the operation is finish or no-use for a long time; Normally the flowing water or sand can clean the mixing tools well. Do not fore any mechanical stress in the machine, such as POUND because it will be unavoidable damaged.

The mixing shaft must always be antipollution;

The hole of the hexagonal socket must always be put protecting cover,

The vent of motor housing can not be covered when the machine is in operation, there can not be any flammable materials in the machine;

The vent must be often cleaned;

Only original parts can be used in this machine

The carbon brush must be checked and maintenance when the machine operation up to 60 hours, please change the brush in time if find the brush worn out. The operation details see the pictures

(Picture 1): Cut off the power first and take apart the motor housing.
(Picture 2): Pull out the plate, replace the carbon brush.

Picture. 1

Picture. 2

6. OPERATION

(1)DOUBLE MIXING

(Picture 3): Get ready for 2pcs adjustable wrench.
(Picture 4): Get ready for 1pc paddle rod with M14 thread and another with tooth & adapter.
(Picture 5): Tighten M14 rod and spindle with wrench first.
(Picture 6): Then, connect the rod with tooth and the spindle, tighten the adapter with wrench. Check the paddle vane, if the vane touch the adjacent one, release the adpter and move the tooth a little.

Picture 3

Picture 4

Picture 5

Picture 6

(2) START MACHINE

Push down the switch rest-lock knob first and then push down the start switch.
Mechanical speed regulator operation instruction:
A. When the machine is under STOP condition, please turn the Knob switch to change the speed;
B. When you can not finish changing speed completely by turn the Knob switch, please turn the shaft paddles slightly and change speed.
Electronic speed regulator operation instruction:
(Picture 7): Turn on the power switch first, then turn the regulator switch which located in the left handle to get the speed you need.

(3)STOP MACHINE

Lose the start switch so the machine will be stopped

Picture. 7