

Warranty

Your new mixer is warranted to the original purchaser for a period of one years (12 months) from the original date of purchase.

Our warranty is against defects in design, materials and workmanship.

The following are not covered under our warranty:

1. Damage caused by abuse, misuse, dropping or other similar damage caused by or as a result of failure to follow assembly, operation or user maintenance instructions.
2. Alterations, additions or repairs carried out by persons other than us or their recognized agents.
3. Transportation or shipment costs to and from us or their recognized agents, for repair or assessment against a warranty claim, on any machine.
4. Materials and/or labour costs to renew, repair or replace components due to fair wear and tear.

We and/or their recognized agents, directors, employees or insurers will not be held liable for consequential or other damages, losses or expenses in connection with or by reason of or the inability to use the machine for any purpose.

Warranty Claims:

All warranty claims should firstly be directed to our factory, either by telephone, by Fax, by Email, or in writing.

For warranty Claims:

Tel: +86-574-88278841 Fax: +86-574-88278831

Email: dp@dparless.com

Write to: **Ningbo Dino-power Machiner Co., Ltd.**

No.168, Mingguan Road, Yinzhou, Ningbo, China.



DP-M209B



How To Use This Manual

This manual has been written to help you operate and service the mixer safely.
This manual is intended for dealers and operators of the mixer.

Foreword

The **‘Machine Description’** section helps you to familiarize yourself with the machine’s layout and controls.

The **‘Safety Instructions’** and **‘Health and Safety’** sections explain how to use the machine to ensure your safety of the general public.

The **‘Operating Instructions’** section explains how to use the machine in the correct way.

The **‘Maintenance’** section is to help you with the general maintenance and servicing of your machine.

The **‘Warranty’** Section details the nature of the warranty cover and the claims procedure.

The **‘Declaration of Conformity’** section shows the standards that the machine has been built to.

Directives with regard to the notations.

Text in this manual to which special attention must be paid are shown in the following way:



The product can be at risk. The machine or yourself can be damaged or injured if procedures are not carried out in the correct way.



The life of the operator can be at risk.

Maintenance

Note: Please ensure a qualified electrician carries out all maintenance procedures.

The mixer is designed to give many years of trouble free operation. It is, however, important that the simple regular maintenance listed in this section is carried out. It is recommended that an approved we dealer carries out all major maintenance and repairs. Always use genuine replacement parts, the use of spurious parts may void your warranty. Before any maintenance is carried out on the machine, ensure it is unplugged.

Routine Maintenance		Approx.75 Hours	Approx.150 Hours
Motor Brushes	Check	√	
	Change When Necessary		
Gearbox Grease	Check/Replace		√

The machine is fitted with self-deactivating carbon motor brushes. This means that the machine will automatically switch off once the brushes have been worn down to a certain level. See the instructions below on how to replace then .

Replacing the Carbon Motor Brushes.

1. Using a flat-blade screwdriver, unscrew the two brush holders (8) which are located on either side of the motor casing.
2. Remove the worn out brushes, and replace with new brushes.
3. Re-tighten both brush holders (8) ensuring that the brushes are securely fitted.

Also keep the ventilation slits (4) clear of dirt and residue so that the machine can be cooled adequately.

Note: The numbers shown in brackets refer to the pictures shown in the Machine Description section of the booklet.

Environment

Safe Disposal.

Instructions for the protection of the environment.

The machine contains valuable materials. Take the discarded apparatus and accessories to the relevant recycling facilities.

Storage

The machine should be stored in a dry area which is not exposed to extreme temperatures.

Health And Safety

Vibration.

Some vibration from the mixing operation is transmitted through the handle to the operator's hands.

PPE (Personal Protective Equipment).

Suitable PPE must be worn when using this equipment i.e. Safety Goggles, Gloves, Ear Defenders, and Steel Toe capped footwear.

Wear clothing suitable for the work you are doing. Tie back long hair and remove any jewellery which may catch in the equipment's moving parts.

Electric Machines.

Electricity can kill! Always ensure that the machine is disconnected from the power supply before carrying out any maintenance/repairs. Never use the machine in wet conditions. Inspect tool cord and anti-drop plug periodically and, if damaged, have them repaired by an authorized expert.

Dress properly

Rubber gloves and non-slip footwear are recommended when working outdoors. Wear protective hair covering to contain long hair. Use safety glasses.

Use a mask if working operations are dusty.

Warning

Before you operate or carry out any maintenance on this machine **YOU MUST READ and STUDY** this manual.

KNOW how to safely use the unit's controls and what you must do for safe maintenance.

(NB Be sure that you know how to switch the machine off before you switch on, in case you get into difficulty.)

Always wear or use the proper safety items required for your personal protection.

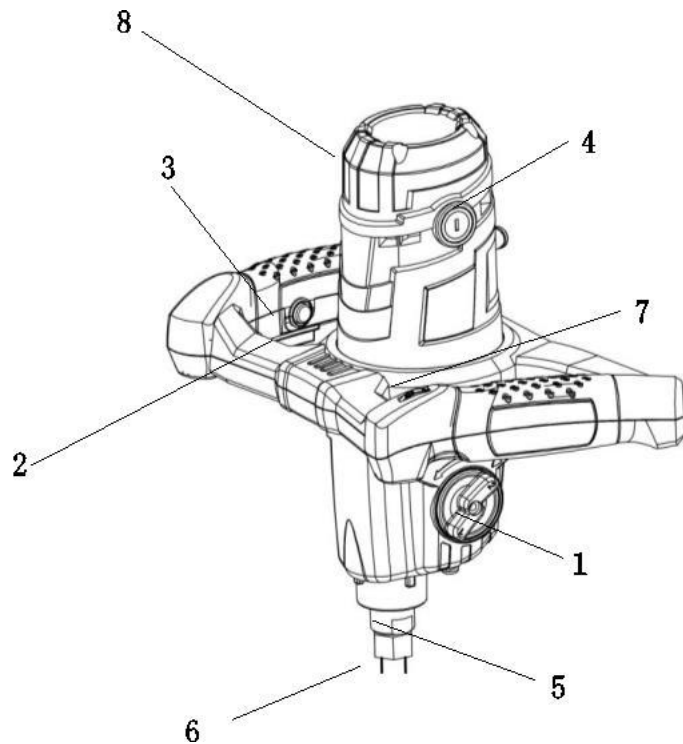
If you have **ANY QUESTIONS** about the safe use or maintenance of this unit, **ASK YOUR SUPERVISOR**.

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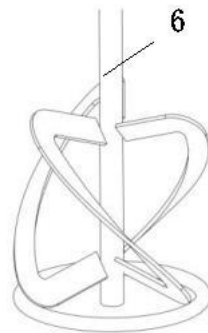
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We reserves the right to change machine specification without prior notice or obligation.

Machine Description



1. Gear Change Switch
2. Trigger
3. Trigger Lock
4. Ventilation Slits
5. Shaft With M14 Female Thread
6. Mixing Paddle
7. Variable Speed Dial
8. Brush Holders



During the mixing process, slowly move the machine around the mixing container. This should be continued until all of the mixing material has been mixed.

Once the mixing process has been completed, clean the mixing paddle (6) to stop the build up of dirt and residue.

Starting current limiting

The electronically controlled soft start ensures

That the machine starts smoothly. This also prevents spray from thin liquids when the tool is switched on.

The lower starting current means that a 16A fuse is large enough for the machine.

Idling speed reduction

The electronic control lowers the speed of the machine during idling. This reduces noise and wear on the motor and gears.

Constant electronics

The constant electronic controller keeps the speed virtually constant during idling and under a load.

This guarantees that materials are mixed uniformly

Electronic overload protection

An electronic overload device protects the motor against damage when the tool is under an extreme load. In this case, the motor stops and only starts up again when the feed is reduced or the load removed.

Temperature-dependent overload protection

To prevent the motor from overheating under an extreme continuous load, the safety electronics switch the motor off when it reaches a critical temperature.

After a cooling-down time of around 3-5 min.

The machine is ready for operation at full load.

If the tool is warm from operation, the temperature dependent overload protection will respond earlier

Note: The numbers shown in brackets refer to the pictures shown in the Machine Description section of the booklet.

Safety Instructions

For your own personal protection and for the safety of those around you, please read and ensure you fully understand the following safety information.

It is the responsibility of the operator to ensure that he/she fully understands how to operate this equipment safely.

If you are unsure about the safe and correct use of the mixer, consult your supervisor.

WARNING

Improper maintenance can be hazardous. Read and Understand this section before you perform any maintenance, service or repairs.

- Cordon off the work area and keep members of the public and unauthorized personnel at a safe distance.
- Personal Protective Equipment(PPE) must be worn by the operator whenever this equipment is being used (see Health & Safety).
- Make sure you know how to safely switch this machine **OFF** before you switch it **ON** in case you get into difficulty.
- Always switch this machine **OFF** before transporting, moving it around the site or servicing it.
- Never remove or tamper with any guards fitted, they are there for your protection. Always check guards for condition and security, if any are damaged or missing, **DO NOT USE THE PROMIX** until the guard has been replaced or repaired.
- Do not operate the machine when you are ill, feeling tired, or when under the influence of alcohol or drugs.
- Ensure that the mixing container is placed on a flat and firm area.
- Do not place body parts or any other items into the mixing container during the mixing process.

Keep your work area perfectly clean

—Cluttered areas invite injuries.

Consider work area environment

--Don't expose tools to rain.

--Don't use tools in damp or wet locations. Keep work area well lit.

--Don't use tools in presence of flammable liquids or gases.

Guard against electric shock

--Prevent body contact with grounded surfaces.

Keep children away

--Do not let third parties contact tool or extension cord. All visitors should be kept away from work area.

Don't force tool

--It will function better and in a safe way at the rate for which it was intended.

Use the right tool

--Don't use tools for purposes not intended.

Don't abuse cord

--Never carry tool by cord or yank it to disconnect it from socket.

--Keep cord from heat, oil and sharp edges.

Avoid unsteady positions

--Be sure to work in a safe and balanced position.

Pre-start Checks

Pre start-up inspection.

The following Pre-start-up inspection must be performed before the start of each work session or after every four hours of use, whichever is first. Please refer to the service section for detailed guidance. If any fault is discovered, the Promix must not be used until the fault is rectified.

1. Thoroughly inspect the mixer for signs of damage. Check components are present and secure. Pay special attention to the Mixing Paddle, and ensure it is correctly attached to the handle.
2. Check electricity cables for signs of exposed wires. Fix any exposed areas before operating.

Operating Instructions

Before you operate or carry out any maintenance on this machine **YOU MUST READ** and **STUDY** this manual.

The machine is ready for use once all packaging has been removed.

Screw the tool onto mixer's threaded hub and tighten with the 22 mm Spanner provided

Always operate the machine with both hands on the handle.

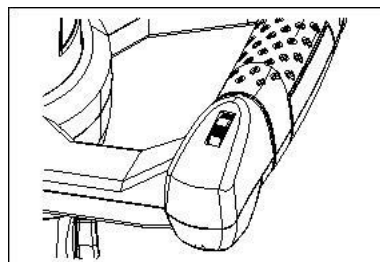
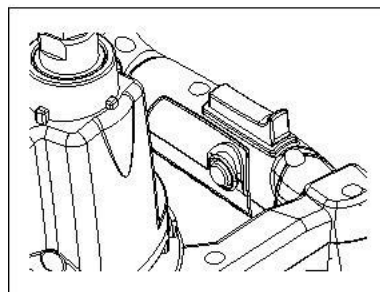
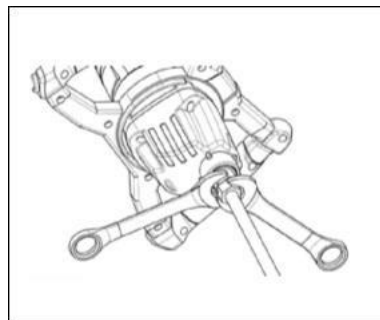
Press and hold the trigger (2) to commence the mixing process.

Once the trigger (2) is in the 'ON' position, push the trigger lock button (3). This will hold the trigger (2) in the 'ON' position without the use of your hand.

To stop the machine, push and release the trigger (2).

Machines with 2-speed gearboxes have 2 speeds available. The first gear is the slow speed, and the second gear is the fast speed. To change from one gear to the other, turn the gear change switch (1) through 180°. There is also a Variable Speed Dial (7) available which allows you to vary the speed of the machine when using either of the 2 gears.

Always reduce the speed when placing the mixing paddle into the mixing material, and also when removing it. Once the mixing paddle (6) is completely clear of the mixing material, increase the speed again to ensure that the motor is adequately cooled.



Technical Data

Model	DP-M207B	DP-M208B	DP-M209B
Total Machine Weight (Kg)	5.7	5.8	5.8
Machine Weight – Excluding Paddle	4.9	5.0	5.1
Machine Height (mm)	875	875	875
Power (W)	1250	1400	1600
No Load Speed	n ₁ =250~500rpm n ₂ =400~800rpm		
Tool Size	M14x2		
Mixing Paddle Diameter (mm)	140	140	140
Suitable Materials	Plaster ,Cement/Mortar Tile Adhesive ,Render		