



Instruktionsbok

Färg -/cementblandare

Manual

**Paint -/cement
mixer**

BCM - 1350

Code no. 19694 - 1702

ENGLISH

Original instructions

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1. INTRODUCTION



Always read the instruction for electrical products carefully before use. It will help you understand your product more easily and avoid unnecessary risks. Keep this instruction manual in a safe place for future use.

The machine is only intended for mixing concrete, cement or paint. Improper use may damage the tool.

2. TECHNICAL SPECIFICATION

Voltage.....	V	230
Frequency.....	Hz	50
Power input.....	W	1 350
No load speed.....	r/min	0-760
Whisk Ø.....	mm	120
Weight.....	kg	5.6

3. FEATURES

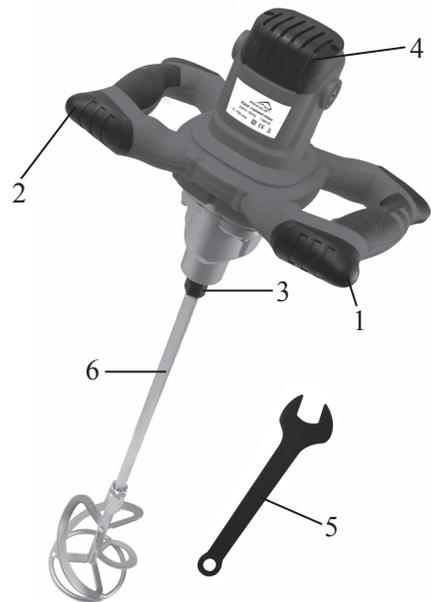


Fig. 1

1. Switch
2. Speed control wheel
3. Tool mount
4. Ventilation apertures
5. Wrench
6. Whisk



4. SAFETY INSTRUCTIONS

Explanation of symbols

In this manual and/or on the machine the following symbols are used:

 In accordance with essential applicable safety standards of European directives.

 Class II machine - Double insulation - You don't need any earthed plug.

 Denotes risk of personal injury, loss of life or damage to the tool in case of nonobservance of the instructions in this manual.

 Indicates electrical shock hazard.

 Faulty and/or discarded electrical or electronic apparatus have to be collected at the appropriate recycling locations.

 Variable speed control

 Immediately unplug the plug from the mains electricity in the case that the cord gets damaged and during maintenance.

 Always use ear protection.

 Sound power level
LWA
dB

Specific safety instructions

- The tool should not be operated in damp, wet premises; during a rain, fog and snow in the

open field, and in environment with a risk of explosion.

- The switch should be in “OFF” position before putting the plug in the mains socket.
- For long hair, wear hair protection. Work only with closely fitting clothes.
- Secure the vessel with the mixed substance against moving on the floor.
- Always direct backwards the flexible lead from the tool. The flexible lead should not be exerted by tensile stress and should not lie on or pass over sharp edges.
- Use the supplementary handle.
- Consider possible reaction torque.
- Wear ear and eye protection.

5. ASSEMBLY

Placing a whisk

 Remove the plug from the mains before placing a whisk.

Use only whisks conform the specified diameter.

- Screw the whisk with tread (M14) as far as possible in the tool.
- Tighten the whisk properly with an open-end wrench.

6. USE

Improper use may damage the instrument. Observe therefore these instructions:

- Use a tool up to the specified diameter.
- Load the tool in such a way that the speed would not drop considerably or that it would stop.

Check if the data on the rating plate correspond with the actual mains voltage. Instrument scheduled for 230V can be plugged to 220V/240V mains.

The ON/OFF switch

- To switch on the tool, press and hold the on/off switch (1).
- If you release the on/off switch, the tool will be switched off.

7. ELECTRONIC MOTOR CONTROL

7.1 Starting current limiting

The electronically controlled smooth start takes care that the machine starts without jerk. In this manner, the splashing of thin liquid materials is prevented at the same time when switching on the machine.

As a result of the machine's reduced starting current, a 16 A fuse is sufficient.

7.2 No load speed reduction

The electronic control reduces the no-load speed of the machine which results in reduced noise and wear of motor and gear.

7.3 Speed pre-selection

With the speed control (2) the speed can be continuously pre-selected: the necessary speed is dependent on the type of material to be mixed. It is recommended that it be confirmed with a practical trial.

7.4 Constant electronics

The constant electronics keeps the speed between no-load and load nearly constant and ensures uniform mixing of the materials.

7.5 Electronic overload protection

In case that the machine is extremely overloaded, an electronic overload protection protects the motor from damage. In this case, the motor stops and restarts only after the feeding pressure is reduced.

7.6 Temperature-dependant overload protection

To protect the motor from overheating at extreme permanent load, it is switched off by the protective electronic system when a critical temperature is reached.

After a cooling-down period of approx. 3 - 5 min., the machine is again ready for use and can be fully loaded.

When the machine is warmed by use, the temperature-dependent overload protection reacts earlier as a result.

8. SERVICE & MAINTENANCE

8.1 Maintenance



Make sure that the plug is removed from the mains when carrying out maintenance work on the motor.

The machines have been designed to operate over a long period of time with a minimum of maintenance. Continuous satisfactory operation depends upon proper machine care and regular cleaning.

- The ventilating slots on the motor casing should be cleaned out from time to time.
- When the carbon brushes are worn out, the machine switches itself off. The machine must then be sent to customer service for maintenance.
- After 100 hours: check carbon brushes
- After 200 hours: renew the grease filling in the gearbox



To verify the protective insulation remains intact, the machine must be subjected to a technical safety test afterwards. For this reason, this maintenance must be performed exclusively by a professional electro-workshop.

8.2 Cleaning

Regularly clean the machine housing with a soft cloth, preferably after each use. Keep the ventilation slots free from dust and dirt. If the dirt does not come off use a soft cloth moistened with soapy water. Never use solvents such as petrol, alcohol, ammonia water, etc. These solvents may damage the plastic parts.

8.3 Faults

Should a fault occur, e.g. after wear of a part, please contact the service address on the warranty card. In the back of this manual you find an exploded view showing the parts that can be ordered.

8.4 Environment

To prevent damage during transport, the appliance is delivered in a solid packaging which consists largely of reusable material. Therefore please make use of options for recycling the packaging.

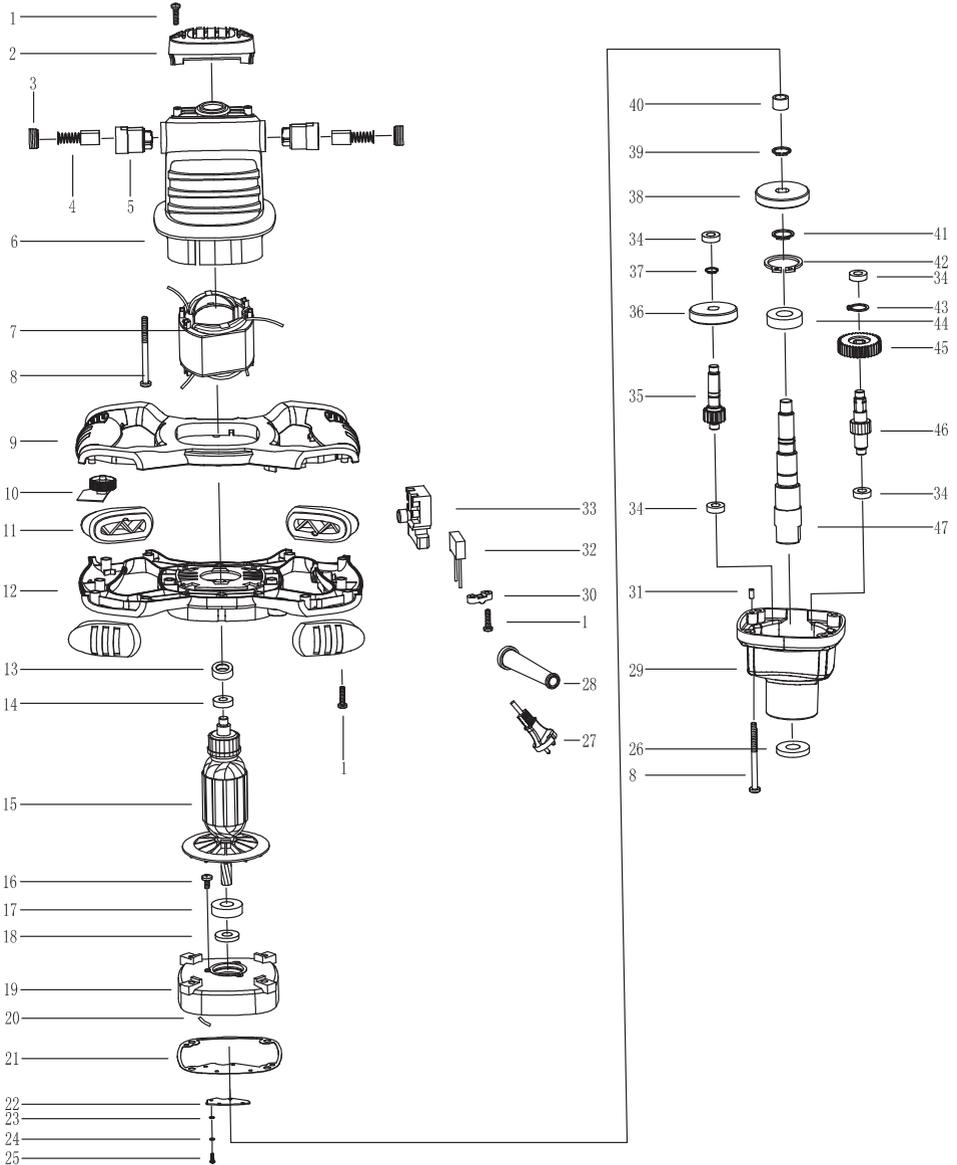


Faulty and/or discarded electrical or electronic apparatus have to be collected at the appropriate recycling locations.

8.5 Warranty

The guarantee conditions can be found on the separately enclosed guarantee card.

BCM-1350 DIAGRAM





BCM-1350 PART LIST

No.	Description	Specification	Qty	No.	Description	Specification	Qty
1	Screw	ST3.9×13	18	25	Screw	M3×10	4
2	Rear cover		1	26	Oil cover	21×26×5	1
3	Carbon brush cover		2	27	Cord		1
4	Brush		2	28	Sheath		1
5	Brush holder		2	29	Gear box		1
6	Housing		1	30	Press board		1
7	Stator		1	31	Pin	4h 8×8	1
8	Screw	ST4.8×55	6	32	Capacitor		1
9	Upper handle		1	33	Switch		1
10	Speed control		1	34	Bearing	628/8	1
11	Runner corner		4	35	Third initiative gear		1
12	Down handle		1	36	Third initiative Spindle		1
13	Bearing holder		1	37	Second driven gear		1
14	Bearing	608	1	38	Big gear		1
15	Rotor		1	39	Circlip	15	1
16	Screw	M4×16	3	40	Bearing	HK1010	1
17	Bearing	6001	1	41	Circlip	17	1
18	Wool ring		1	42	Circlip	35	1
19	Middle cover		1	43	Circlip	10	1
20	Corduray		1	44	Bearing	6003	1
21	Oil washer		1	45	First driven gear		1
22	Oil port cover		1	46	Second driven gear		1
23	Flat washer	3	4	47	Spindle		1
24	Spring washer	3	4				



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