

BM10/BM10N

Mixer of multi-function high-speed



MANUAL DE USUARIO BATIDORA BBG REF: 10K

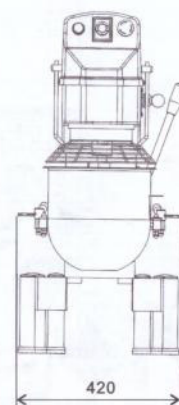
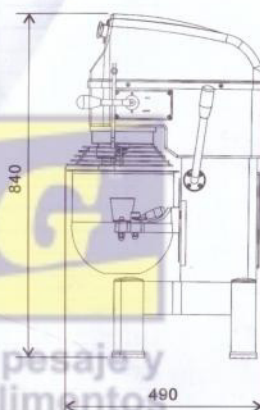
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Mixer' S dimensions

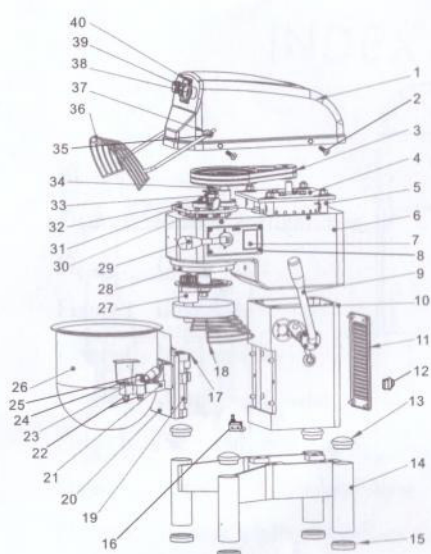


Attention :

- Don't rinsing with water pipes.
- Don't touching the electrical switch and power source by wet hand
- Please pull the plug out before maintain the mixer and get profession maintenance to see to

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FIGURE 1 Mixer configuration



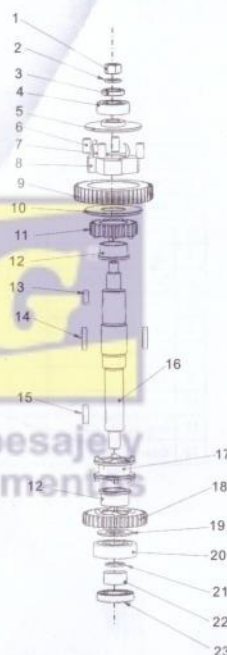
Accessory's name	Qty
1 Top cover	1
2 Screw M5*12	4
3 Belt of motor SP2687	2
4 Motor	1
5 Axle of motor	4
6 Gear box	1
7 Name plate	1
8 Screw M4*6	1
9 Handle	1
10 Column	1
11 Rear cover of stand	1
12 Overload switch	1
13 Rubber 1	4
14 Seat	2
15 Rubber 2	4
16 Switch of rise and drop	1
17 Axle of handle	1
18 Safety net 1	1
19 Guides	2
20 Baffle of guides	1
21 Fork	1
22 Nut M6	4
23 Lock of barrel	2
24 Screw	2
25 Screw M8*50	2
26 Barrel	1
27 Turing plate	1
28 Inner gear	1
29 Handle of speed	1
30 Micro-switch	1
31 Cover of bearing	1
32 Centre axle	1
33 Gear axle	1
34 Initiative axle	1
35 Screw M8*16	2
36 Safety net 2	1
37 Axle of safety net	2
38 Urgency stop switch	1
39 Fluctuate switch	1
40 Timer	1

Attention :

- We are already imitted enough much lubricated grease, so it can be used for 3 year at normally , but you must change new grease after repairing .
- please tighten up a cover of avoiding grease after change the new grease .

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FIGURE 2 Centre axle



Accessory's name	Qty
1 Nut M10	1
2 Spring washer 10	1
3 Washer 10	1
4 Bearing 6202	1
5 Avoiding cover	1
6 Roller 8X16	4
7 Spring	8
8 Clutch	1
9 Gear ring	1
10 Dividing ring	1
11 Small joint gear	1
12 Bearing sleeve	2
13 Key 6X14	1
14 Key 5X24	2
15 Key 6X20	1
16 Centre axle	1
17 Joint	1
18 Big joint gear	1
19 Washer of centre axle	1
20 Bearing 6204	1
21 O ring 22.5X1.5	1
22 Sleeve of centre axle	1
23 Oil seal 25X40X8	1

Attention :

- After repairing, To ensure installed that the clutch and joint in accordance with the correct diagram.
- If the grease drop from bottom of centre axle ,please check the oil seal whether broken.
- In the demolition or install, due to avoiding the bearing to be broken, you should tap bearing out gently.

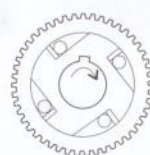


FIGURE 2-1

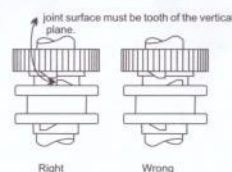
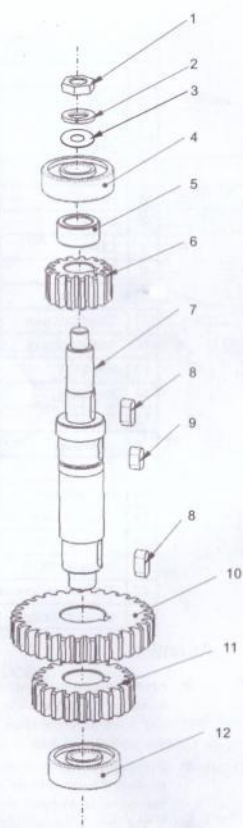


FIGURE 2-2

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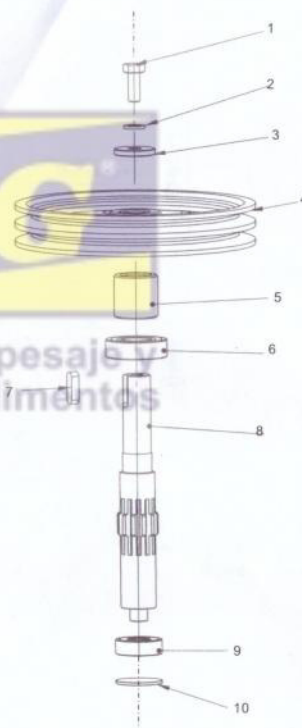
FIGURE 3 GEAR AXLE



Accessory's name	Qty
1 Nut M8	1
2 Spring washer 8	1
3 Washer 8	1
4 Bearing 6201	1
5 Sleeve of gear axle	1
6 Gear	1
7 Gear axle	1
8 Key 5X12	2
9 Key 5X10	1
10 High-speed gear	1
11 Low-speed gear	1
12 Bearing 6201	1

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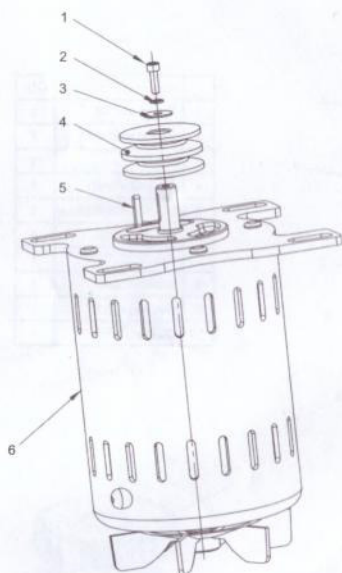
FIGURE 4 Initiative axle



Accessory's name	Qty
1 Screw M8*20	1
2 Spring washer 8	1
3 Gasket	1
4 Big belt wheel	1
5 Sleeve of belt wheel	1
6 Bearing 6004	1
7 Key 6*22	1
8 Initiative axle	1
9 Bearing 6201	1
10 Gasket	1

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FIGURE 5 Motor



Accessories name	Qty
1 Screw 5*16	1
2 Spring washer 5	1
3 Gasket	1
4 Small belt wheel of motor	1
5 Key 4*20	1
6 Motor	1

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FIGURE 6 Fork and change speed axle

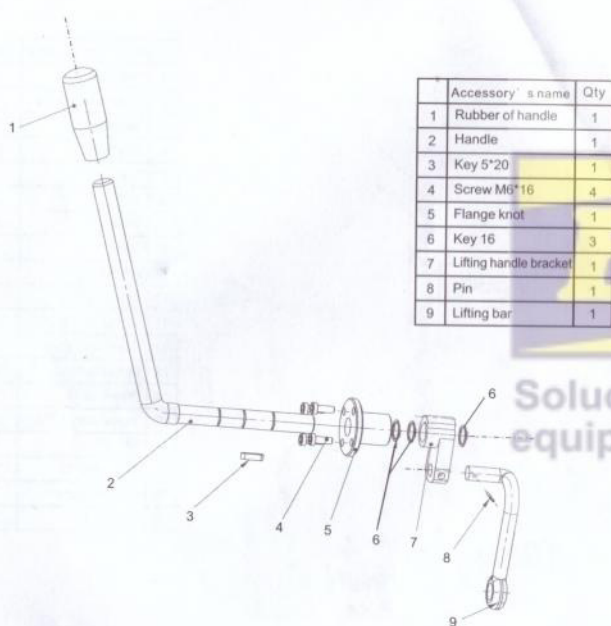


Accessories name	Qty
1 Nut M10	1
2 Spring washer 10	1
3 Washer 10	1
4 Shaft of fork	1
5 Fork	1
6 Nut	2
7 Spring	2
8 Shaft	2
9 Axle of speed	1
10 O ring 12*2.4	1
11 O ring 37.5*2	1
12 Steel ball $\phi 8$	4
13 Speed spring	4
14 Speed block	1
15 Screw M5*12	1
16 Key 18	1
17 Screw M6*16	1
18 Speed handle	1
19 Rubber	1

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FIGURE 7 Rise and drop of barrel



Accessory's name	Qty
1 Rubber of handle	1
2 Handle	1
3 Key 5*20	1
4 Screw M6*16	4
5 Flange knot	1
6 Key 16	3
7 Lifting handle bracket	1
8 Pin	1
9 Lifting bar	1

Attention :

- First drop the barrel to bottom, then pull the mixing out, at last take out barrel.
- Put the lubricated grease on the handle axle, the rise and drop pole and cone gear every month

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FIGURE 8 Turning plate and mixing axle



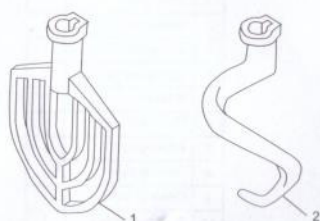
Accessory's name	Qty
1 Inner gear	1
2 Screw M6*16	6
3 Screw M6*16	1
4 Spring washer 6	1
5 Gasket	1
6 Planetary gear	1
7 Bearing 6203	1
8 Turning plate	1
9 Cover of turning	1
10 Spring washer 8	1
11 Screw M8*20	1
12 Bearing 6003	1
13 Oil seal 20*40*10	1
14 Key 5*14	1
15 Mixing axle	1
16 Pin 6*25	1

Attention :

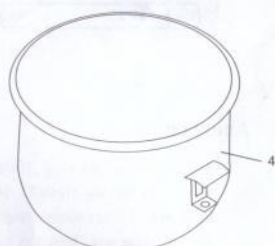
- When the mixer working, there is noise with turning plate(8), it's the inner gear(1) was loose. Please pull the turning plate out, then tap at the inner gear and tightening the screw (2).

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FIGURE 9 Standard accessories



	Accessory's name	Qty
1	Mixing 1	1
2	Mixing 2	1
3	Mixing 3	1
4	Barrel	1










Attention :

- Any mixing easy to install and rotates the mixing clockwise to locked, push the mixing up and rotates counter-clockwise then remove the mixing.

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Operation information

	110-120V 220-240V	➤ Before using , please check power voltage is suitable for voltage of this mixer or not and the ground wire is firm whether or not
		➤ Don't install any mixing tool before testing.
		➤ In according different mixing-material to choose different mixing devices and speed.
		➤ When the mixer has worked for a long time ,you must cool it down and restart the mixer.
Mixing III		➤ It is applied to mix liquid, such as cream, eggs , the working time don't more than 15 minuets.
Mixing		➤ It is applied to mix mush, powder and smash objects. The working time don't more than 20 minutes.
Mixing II		➤ It is applied to mix dough and glutinous so cover 3.75-4kg. The working time don't more than 30 minutes and the dough moisture content at between the 40% to 50%.

Breakdown and settlement

Trouble	Probable cause	Remedy
Mixer can' t run after switch on.	It is not good to touch electric.	Check the electric circuit.
Motor is to hot and speed decreases.	Not enough voltage or not suitable for choosing agitator.	Check the voltage or choose suitable position and agitator.
Oil leakage.	The oil seal broken.	Change the new one.
It' s hard to raising handle.	Orbit is erosion or the handle' s axle and cone gear are dry.	Clean the damaged one and put the lubricate grease.
The mixer's head noise and too hot.	The lubricated grease is not good.	Put in or change grease.
The mixing touches the barrel.	Mixing or barrel change the shape.	Repairing or change the mixing or barrel.
Without high, middle and low-speed output.	The flat key of 7# and figure 4 fret.	Change the flat key of 7# and figure 4.
There're high and middle-speed output without low-speed output.	The spring reed of clutch rupture or the gear ring broken.	Change the accessories.

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WARNING AND SPECIAL ATTENTION

WARNING






- Don't rinsing with water pipes .
- Please pull the plug out before maintain the mixer and get maintenance to see to it.
- Is't dangerous of touching the electrical switch and power source by wet hand.
- When there are some damages in the mixer, please stop using it.
- There is a ground screw (Signed* ⚡) , when the mixer needs to be repairing and be smooth to repair , finally you can not take off the ground wire.
- When the working , don't put your hands into the barrel and don't touching the mixing devices .
- Minors are not allow to close the mixer.
- Mixer must fix on the dry wooden and put the mixer in safety-working zone .
- If the electrical line was broken ,please get the profession maintenance to change it.

SPECIAL ATTENTION

- 1、 Before the using , you should clear the dirt away of the barrel and mixing , when you clear the mixing please carefully. And correct installation of barrel on the fork. Don't make it tilt.
- 2、 When you choosing the mixing devices , please in according to the nameplate's marked to choosing the correspond speed of , if you choosing wrong, it make the accessory was broken or reduce the mixer's service life.
- 3、 After using , please clear barrel and the mixing , then put they are in place of safety and clean-zone. Don't forget to cut off the power source .
- 4、 Please keep the dry, public health and safety environment surround the mixer .

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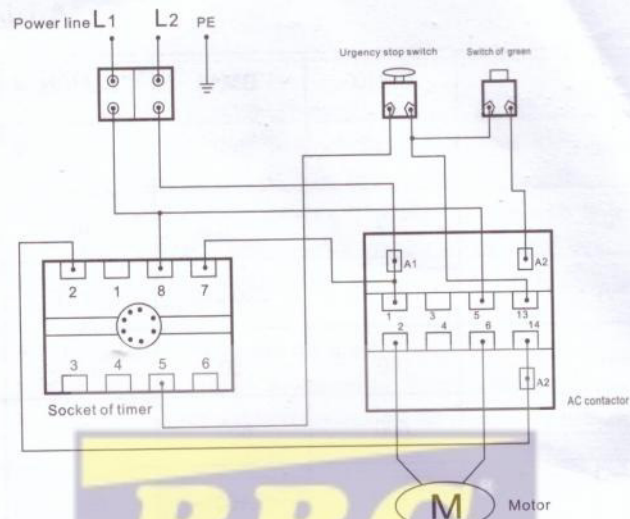
Technical parameters

Type	BM10	BM10	BM10N	BM10N
Safety Guard	No	No	Yes	Yes
Mixer (L)	10	10	10	10
Power supply (V)	110-120	220-240	110-120	220-240
Input power (Hz)	60	50	60	50
Rated power of input (W)	600	600	600	600
Mixing speed (r/min)	 552	460	552	460
	 281	234	281	234
	 142	118	142	118
Greatest capacity of flour(kg)	3.75~4.0	3.75~4.0	3.75~4.0	3.75~4.0

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Circuit diagram

1, BM10 Circuit diagram



2, BM10N Circuit diagram

