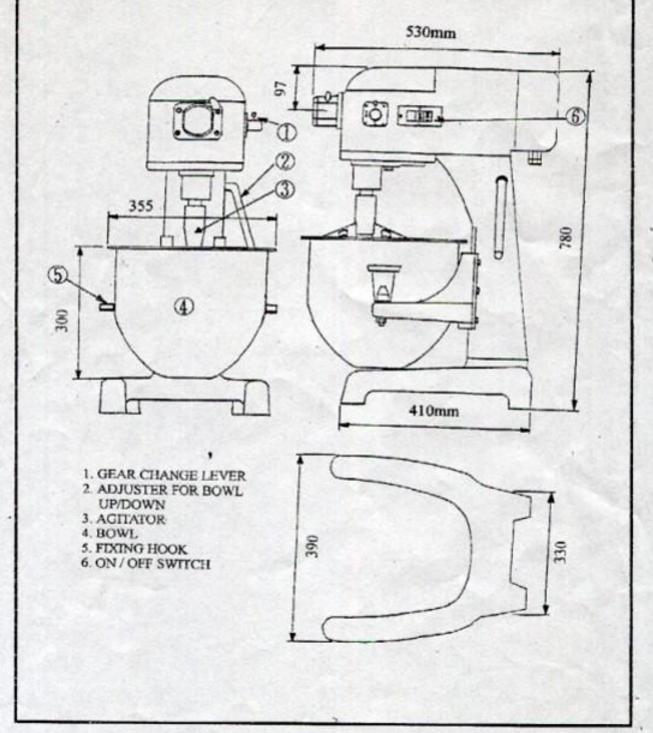
A. ASSEMBLY DIAGRAM:

An accurate operation and normal maintenance will prolong the life of machines, so please read this manual well before operation.



B. SPECIFICATIONS:

MODEL NO.: KB-502

MOTOR: 3/4HP powerful, single phase.

ELECTRICAL: 220V / 50Hz / 60Hz

SPEED(R.P.M): 161/305/544. Also can be revised to meet customer's needs.

BOWL: Made of Stainless steel bowls are sanitary, open rim design.

FINISH: Excellent enamel painting.

MIXING CAPACITY: Flour: 1-4 kgs Dough: 1.5-8 kgs

MACHINE SIZE (L×W×H): 48cm×55cm×80cm

PACKING SIZE (L×W×H): 56cm×64cm×95cm

N.W.: 100 kgs G.W.: 120 kgs

STAINLESS STEEL BOWL : ϕ 34 cm×H30 cm

STANDARD ACCESSORIES: .1. one piece Hook

2. one piece Beater

3. one piece Whipper

4. one piece Bowl

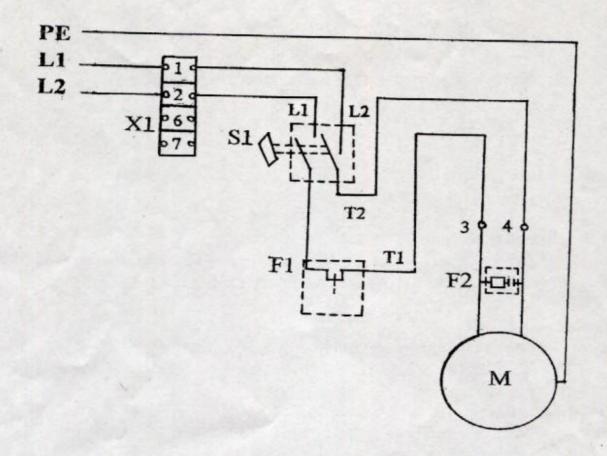
C. INSTALLATION:

1. LOCATION

- The machine is ready for installation and space reserved for placing the mixer should be finished smooth and level.
- Locating the mixer in a convenient floor where the operation and maintenance are easily executed.

2. ELECTRICAL CONNECTION:

- Before making electrical connection, please check the specification on the name plate to make sure they agree with those of your electrical service.
- Electrical connections should be made by qualified technician who will observe all applicable safety codes and the national electrical code.
- Provide suitable fuses on the electrical supply the ensure protection against short circuit.
- Connect single phase machine and make sure the planetary runs in the same direction shown by the arrow sign in the front of the mixer.



 To start the motor, push the START button, the speed selector handle (Gear Change Lever) must be at one of the numbers, indicating a speed, not at an intermediate position.

3. LUBRICATION:

The transmission is filled with a high—heating resistant grease which will last for several years and no need to add change again. But must add some to recover the normal grease if replace the parts inside of transmission.

D. OPERATION:

4-1. Electrical System

The KB-502 is equipped with Start/Stop Switch.

4-2. Speed Selection

Speed selection is operated by the Gear Change Lever with the proper number Stop the mixer before changing any speed.

4-3. Bowl Lift

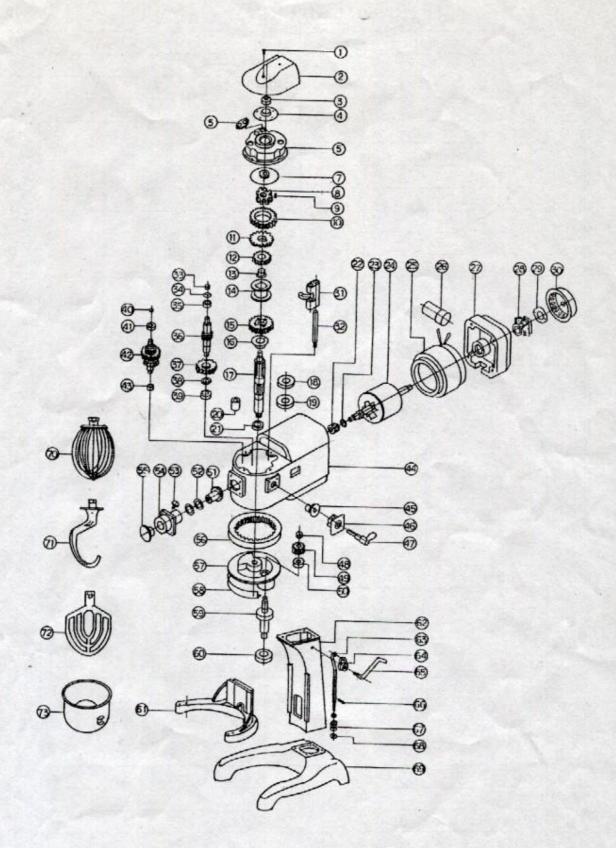
This mixer is fitted with hand lever type bowl lift, push the lever down to lift the bowl.

4-4. Agitators

When assembling an Agitator, the bowl must be in the bottom position, slip the Agitator on the shaft and turn it around until the drive pin in the shaft.

E. CLEANING AND MAINTENANCE:

- When cleaning make sure that electric power is off.
- The bake—enamel coat of paint on the outside around should be wiped with a moist clean rag, don't use of stream.
- Careful and competent handling is the basic requirement for such a durability ensuring long service life and performance capacity.



Parts List for KB-502 20Qt Cake Mixer

No.	Description Description
1	Screw
2	Top Cover
3	Stop Nut
4	Bearing Cap
5	Retainer-twin bearing
6	Inner Cover
7	Spacer-upper
8	Gear
9	Steel Ball
10	1st Speed Gear
11	Umbrella Gear
12	3rd Speed Gear
13	Bearing-clutch gear
14	Clutch
15	2nd Speed Gear
16	Spacer-lower
17	Shaft-center
18	Oil Sealer
19	Bearing 6205
20	Spacer-bearing
21	Stop Nut
22	Worm
23	Spring
24	Motor Shaft
25	Motor Coil
26	Capacitor
	Case
28	Motor Starter
29	Spacer-motor starter
30	Motor Case
31	Yoke
32	Rod
33	Bearing 6201
34	Nut
35	Washer
36	Shaft-worm gear
37	Worm Gear

Ball Bearing 6201 Dall Bearing 6201 Dall Bearing 6201 Dut Dall Bearing 6201 Head Case Cam Plate Handle Special Nut Driven Gear Washer Thumb Screw Hub Plug Ring Gear Planetary Drip Cup Mixing Shaft Dearing 6204 Dearing 6204 Dearing 6204 Dearing 6204 Driven Gear Character Chara	No.	Description
Ball Bearing 6201 Nut Three Level Gear Bearing 6201 Head Case Cam Plate Handle Special Nut Pinion Ball Bearing 6204 Driven Gear Washer Thumb Screw Hub Plug Ring Gear Planetary Drip Cup Mixing Shaft Bearing 6204 Bowl Support Pedestal Lift Arm Lift Arm Case Cotter Pin Spring Stop Nut Base Dwire Whipper Hook Beater	38	Retaining Ring
Three Level Gear Bearing 6201 Head Case Cam Plate Handle Special Nut Dinion Ball Bearing 6204 Driven Gear Washer Thumb Screw Hub Plug Ring Gear Planetary Drip Cup Mixing Shaft Bearing 6204 Bowl Support Pedestal Lift Arm Lift Arm Case Cotter Pin Spring Stop Nut Base Cam Case Case Cam Case Case Cam Case Case Case Case Case Case Case Case	39	Ball Bearing 6201
2 Three Level Gear 3 Bearing 6201 4 Head Case 5 Cam 6 Plate 7 Handle 8 Special Nut 9 Pinion 9 Ball Bearing 6204 1 Driven Gear 2 Washer 3 Thumb Screw 4 Hub 5 Plug 6 Ring Gear 7 Planetary 8 Drip Cup 9 Mixing Shaft 10 Bearing 6204 1 Bowl Support 10 Pedestal 1 Lift Rod 14 Lift Arm 15 Lift Handle 16 Cotter Pin 17 Spring 18 Stop Nut 19 Base 10 Wire Whipper 11 Hook 12 Beater	40	Ball Bearing 6201
Bearing 6201 Head Case Cam Plate Handle Special Nut Driven Gear Washer Thumb Screw Hub Plug Ring Gear Planetary Drip Cup Mixing Shaft Bearing 6204 Bowl Support Pedestal Lift Arm Lift Handle Cotter Pin Spring Stop Nut Base Wire Whipper Hook Beater	41	Nut
Head Case Cam Plate Handle Special Nut Pinion Ball Bearing 6204 Driven Gear Washer Hub Plug Ring Gear Planetary Drip Cup Mixing Shaft Bearing 6204 Bowl Support Pedestal Lift Arm Lift Handle Cotter Pin Spring Stop Nut Base Wire Whipper Hook Beater	42	Three Level Gear
6 Plate 7 Handle 8 Special Nut 9 Pinion 0 Ball Bearing 6204 1 Driven Gear 2 Washer 3 Thumb Screw 4 Hub 5 Plug 6 Ring Gear 7 Planetary 8 Drip Cup 9 Mixing Shaft 10 Bearing 6204 1 Bowl Support 1 Pedestal 1 Lift Arm 1 Lift Arm 1 Spring 1 Spring 1 Stop Nut 1 Base 1 Wire Whipper 1 Hook 2 Beater	43	Bearing 6201
Handle Special Nut Pinion Ball Bearing 6204 Driven Gear Washer Thumb Screw Hub Plug Ring Gear Planetary Borip Cup Mixing Shaft Bearing 6204 Bowl Support Pedestal Lift Rod Lift Arm Cotter Pin Spring Stop Nut Base Wire Whipper Hook Beater	44	Head Case
Handle Special Nut Pinion Ball Bearing 6204 Driven Gear Washer Thumb Screw Hub Plug Ring Gear Planetary Drip Cup Mixing Shaft Bearing 6204 Bowl Support Pedestal Lift Arm Lift Handle Cotter Pin Spring Stop Nut Base Wire Whipper Hook Beater	45	Cam
Special Nut Dinion Ball Bearing 6204 Driven Gear Washer Thumb Screw Hub Plug Ring Gear Planetary Drip Cup Mixing Shaft Bearing 6204 Bowl Support Pedestal Lift Rod Lift Arm Lift Handle Cotter Pin Spring Stop Nut Base Wire Whipper Hook Beater	46	Plate
Pinion Ball Bearing 6204 Driven Gear Washer Thumb Screw Hub Plug Ring Gear Planetary Drip Cup Mixing Shaft Bearing 6204 Bowl Support Pedestal Lift Rod Lift Arm Lift Handle Cotter Pin Spring Stop Nut Base Wire Whipper Hook Bell Bearing 6204 Beater	47	Handle
Ball Bearing 6204 Driven Gear Washer Thumb Screw Hub Plug Ring Gear Planetary Borip Cup Mixing Shaft Bearing 6204 Bowl Support Pedestal Lift Rod Lift Handle Cotter Pin Spring Stop Nut Base Wire Whipper Hook Bear	48	Special Nut
Driven Gear Washer Thumb Screw Hub Plug Ring Gear Planetary Drip Cup Mixing Shaft Bearing 6204 Bowl Support Pedestal Lift Rod Lift Arm Lift Handle Cotter Pin Spring Stop Nut Base Wire Whipper Hook Beater	49	
Driven Gear Washer Thumb Screw Hub Plug Ring Gear Planetary Drip Cup Mixing Shaft Bearing 6204 Bowl Support Pedestal Lift Rod Lift Arm Lift Handle Cotter Pin Spring Stop Nut Base Wire Whipper Hook Beater	50	Ball Bearing 6204
Thumb Screw Hub Plug Ring Gear Planetary By Drip Cup Mixing Shaft Bearing 6204 Bowl Support Pedestal Lift Rod Lift Arm Lift Handle Cotter Pin Spring Stop Nut Base Wire Whipper Hook Beater	51	
Hub Plug Ring Gear Planetary By Drip Cup Mixing Shaft Bearing 6204 Bowl Support Pedestal Lift Rod Lift Arm Lift Handle Cotter Pin Spring Stop Nut Base Wire Whipper Hook Beare	52	Washer
Hub Plug Ring Gear Planetary By Drip Cup Mixing Shaft Bearing 6204 Bowl Support Pedestal Lift Rod Lift Arm Lift Handle Cotter Pin Spring Stop Nut Base Wire Whipper Hook Beare	53	Thumb Screw
Ring Gear Planetary By Drip Cup Mixing Shaft Bearing 6204 Bowl Support Pedestal Lift Rod Lift Arm Lift Handle Cotter Pin Spring Stop Nut Base Wire Whipper Hook Beater	54	
Ring Gear Planetary By Drip Cup Mixing Shaft Bearing 6204 Bowl Support Pedestal Lift Rod Lift Arm Lift Handle Cotter Pin Spring Stop Nut Base Wire Whipper Hook Beater	55	Plug
Planetary Planet	56	
B Drip Cup Mixing Shaft Bearing 6204 Bowl Support Pedestal Lift Rod Lift Arm Lift Handle Cotter Pin Spring Stop Nut Base Wire Whipper Hook Beater	57	
Mixing Shaft Dearing 6204 Deari	58	
Bearing 6204 Bowl Support Pedestal Lift Rod Lift Arm Lift Handle Cotter Pin Spring Stop Nut Base Wire Whipper Hook Beater	59	
Bowl Support Pedestal Lift Rod Lift Arm Lift Handle Cotter Pin Spring Stop Nut Base Wire Whipper Hook Beater	60	
Pedestal Lift Rod Lift Arm Lift Handle Cotter Pin Spring Stop Nut Base Wire Whipper Hook Beater	61	
Lift Rod Lift Arm Lift Handle Cotter Pin Spring Stop Nut Base Wire Whipper Hook Beater	62	
Lift Handle Cotter Pin Spring Stop Nut Base Wire Whipper Hook Beater	63	Lift Rod
Cotter Pin Spring Stop Nut Base Wire Whipper Hook Beater	64	Lift Arm
Spring Stop Nut Base Wire Whipper Hook Beater	65	Lift Handle
Stop Nut Base Wire Whipper Hook Beater	66	Cotter Pin
Base Wire Whipper Hook Beater	67	Spring
Base Wire Whipper Hook Beater	68	
Hook Beater	69	
Hook Beater	70	
	71	
	72	Beater
	73	Bowl