

# **CONCRETE MIXER 120L/140L/160L/180L/230V**



## **FITTING AND OPERATION MANUAL**

The manual is an integral part of concrete mixer. Kindly read the manual and comply with the recommendations contained therein. It will allow you to work safely with the device and prolong its service life.

## TECHNICAL DATA

### Concrete mixer 120L/230V

Drum capacity	120 L
Peeling capacity	80L
Power	550 W
Voltage	230V/50Hz
Dimensions	110 x 64 x 127 cm
Weight	63kg

### Concrete mixer140L/ 230V

Drum capacity	140 L
Peeling capacity	100L
Power	550 W
Voltage	230V/50Hz
Dimensions	110 x 64 x 127 cm
Weight	65 kg

### Concrete mixer 160/230V

Drum capacity	160 L
Peeling capacity	130L
Power	550 W
Voltage	230V/50Hz
Dimensions	110 x 64 x 127 cm
Weight	68 kg

### Concrete mixer 180/230V

Drum capacity	180 L
Peeling capacity	140L
Power	550 W
Voltage	230V/50Hz
Dimensions	110 x 64 x 127 cm
Weight	70 kg

## SAVE THIS MANUAL

You will need the manual for the safety warnings and precautions, assembly instructions, opening and maintenance procedures, parts list and diagram. Keep your invoice with this manual. Write the invoice number on the inside of the front cover. Keep the manual and invoice in a safe and dry place for future reference.

### SAFETY WARNINGS AND PRECAUTIONS

Warning: when using tool, basic safety precautions should always be followed to reduce the risk of personal injury and damage to equipment.

#### Read all instructions before using this tool!

1. Keep work area clean. Cluttered areas invite injuries.
2. Observe work area conditions. Do not use machines or power tools in damp or wet locations. Don't expose to rain. Keep work area well lighted. Do not use electrically powered tools in the presence of flammable gases or liquids.
3. Keep children away. Children must never be allowed in the work area. Do not let them handle machines, tools or extension cords.
4. Store idle equipment. When not in use, tools must be stored in a dry location to inhibit rust. Always lock up tools and keep out of reach of children.
5. Do not force tool. It will do the job better and more safely at the rate for which it was intended. Do not use inappropriate attachments in an attempt to exceed the tool capacity.
6. Use the right tool for the job. Do not attempt to force a small tool or attachment to do the work of a larger industrial tool. Do not use a tool for a purpose for which it was not intended.
7. Dress properly. Do not wear loose clothing or jewelry as they can be caught in moving parts. Protective electrically non-conductive clothes and non-skid footwear are recommended when working. Wear restrictive hair covering to contain long hair.
8. Use eye and ear protection . Always wear safety goggles. Wear a full face shield if you are producing metal filings or wood chips. Wear a dust mask or respirator when working around metal, wood and chemical dust and mists.
9. Do not overreach. Keep proper footing and balance at all times. Do not reach over or across running machines.
10. Maintain tools with care. Keep tools sharp and clean for better and safer performance. Follow instructions for lubricating and changing accessories. Inspect tool cords periodically and, if damaged, have them repaired by an authorized technician. The handles must be kept clean, dry and free from oil and grease at all times.
11. Disconnect power . Unplug when not in use, or when clearing, lubricating or adjusting the mixer.
12. Remove adjusting keys and wrenches. Check that keys and adjusting wrenches are removed from the tool or machine work surface before plugging it in.
13. Avoid unintentional starting. Be sure the switch is in the Off position when not in use and before plugging in.
14. Stay alert. Watch what you are doing, use common sense. Do not operate any tool when you are tired.
15. Check for damaged parts. Before using any tool, any part that appears damaged should be carefully checked to determine that it will operate properly and perform its intended function. Check for alignment and binding of moving parts; any broken parts or mounting fixtures and any other condition that may affect proper operation. Any part that is damaged should be properly repaired or replaced by a qualified technician. Do not use the tool if any switch is not turn On and Off properly.
16. Guard against electric shock. Prevent body contact with grounded surfaces such as radiators, ranges and refrigerator enclosures.
17. Replacement parts and accessories. Parts replacement should be done by technician. When servicing use only identical replacements. Only use accessories intended for use with this tool.

18. Keep safe clearance around mixer. Keep all persons (except operator) a minimum of six feet from the mixer during operation.
19. Do not overload mixer. An overload could damage equipment.
20. Do not move mixer during operation. The mixer could tip over or the motor could be damaged.
21. Do not operate tool if under the influence of alcohol or drugs. Read warning labels on prescriptions to determine if your judgment or reflexes are impaired while taking drugs. If there is any doubt, do not operate the tool.

**Note:** Performance of this tool may vary depending on variations in local line voltage. Extension cord usage may also affect tool performance. Do not use too long wires and with small diameter min 2,5mm<sup>2</sup>. When using different wires it may occur voltage drop.

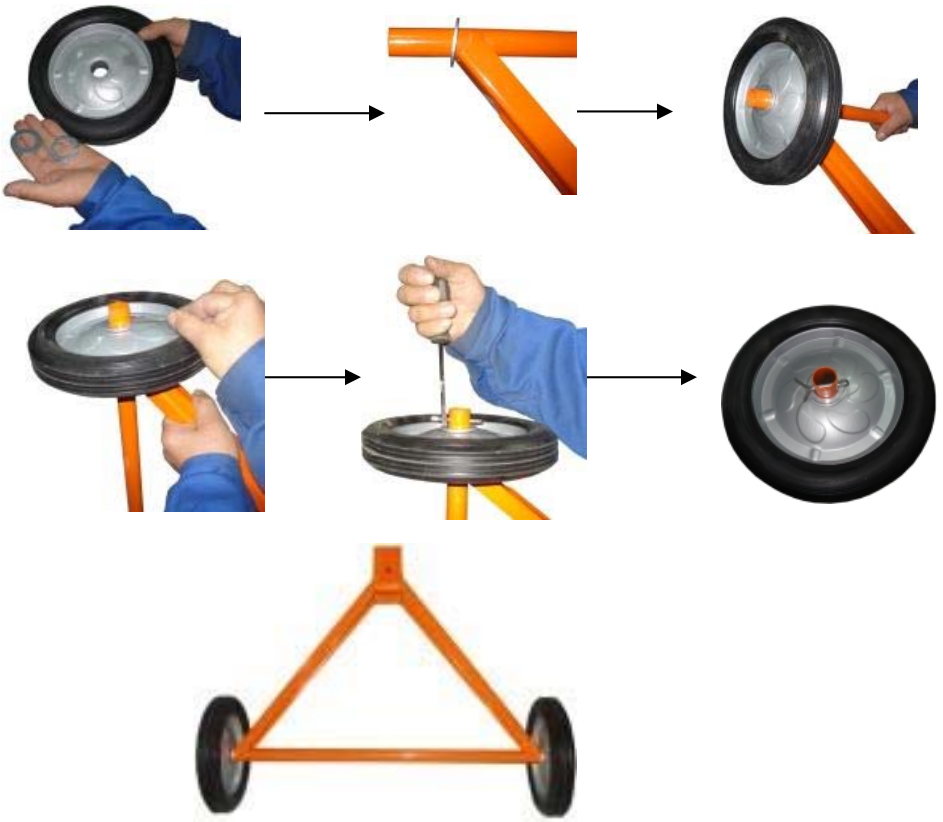
**Warning:** The warnings, cautions and instructions discussed in this instruction manual cannot cover all possible conditions and situations that may occur.

### UNPACKING

When unpacking, check to make sure that all components are included. Refer to the assembly drawing on the last page. If any parts are missing or broken, please contact the manufacturer.

### ASSEMBLY

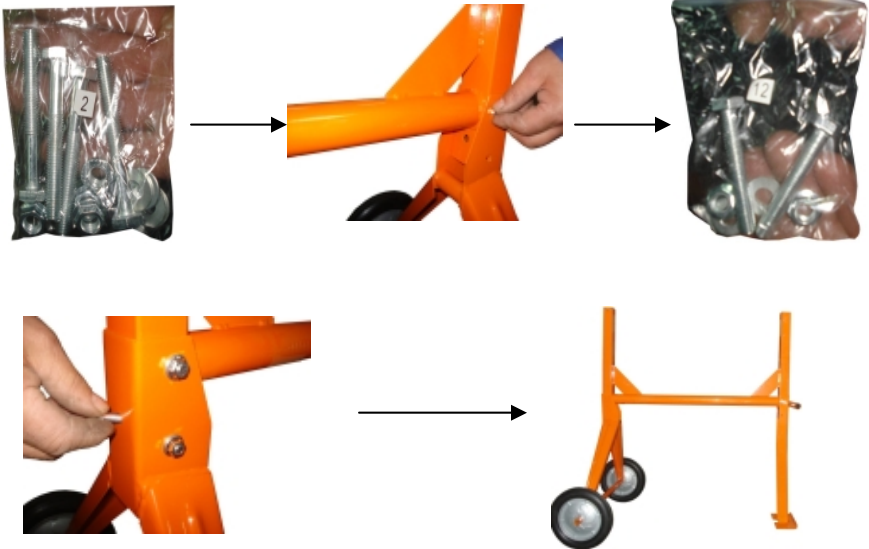
- 14) The wheels together with the washer put in the bolt, in the following order: washer, wheel, washer, shank – angled, that the wheel will kept safely on the pivot; each washer should touch the wheel not the shank.



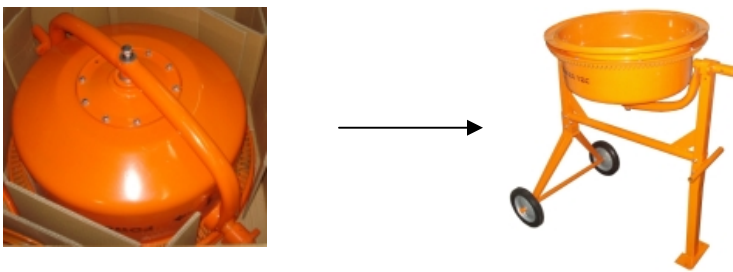
15) Put the pillar in the connector - the holes should be in one line.



16) Put the bolt through the hole on one side, then the washer and the nut from the other side and tighten with a wrench.



17) With two people, set the lower drum with support arm assembly in stand.



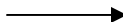
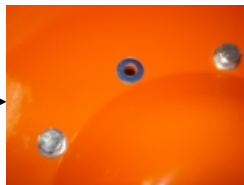
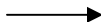
18) Insert bolt through holes from one side, then washer and nut from the other side and tighten with a wrench.



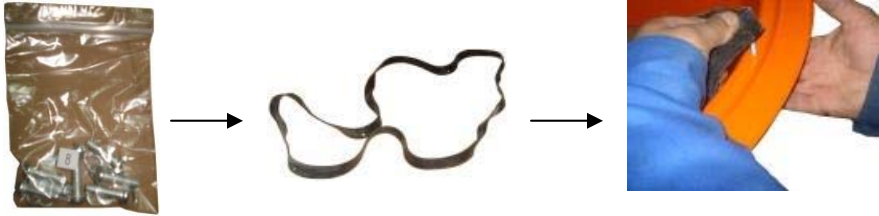
With two people raise the drum and pull out the upper part as shown in the photo below.



19) Screw mixing blades in an empty holes in the lower drum.



20) Put the seal in upper drum.



Bolts should be placed vertical and then tighten with a screwdriver.

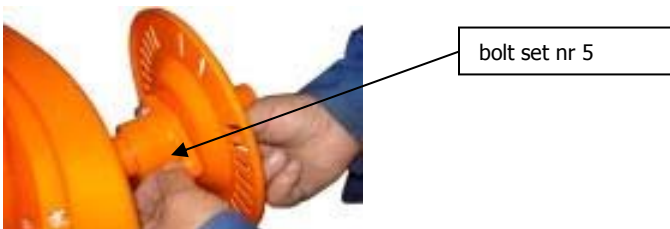
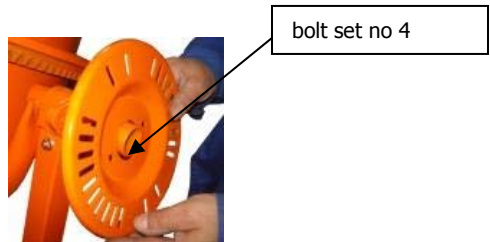
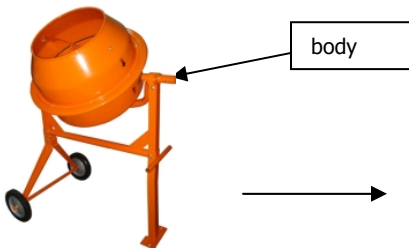


The drum with placed seal we put on lower drum (this one with ring beam)

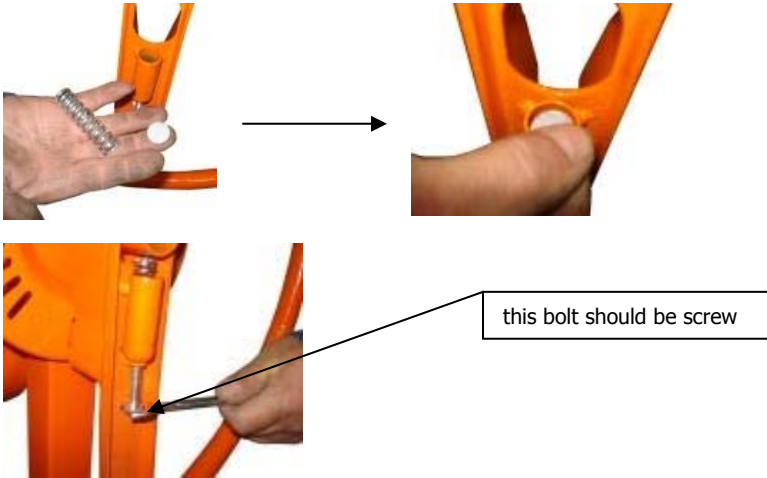


The arrows should be placed across, as show in the photo.

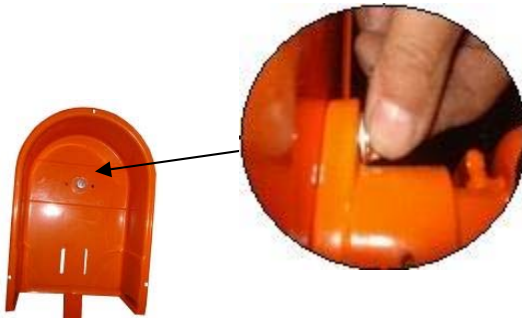
21) The drum should be screwed to the body.



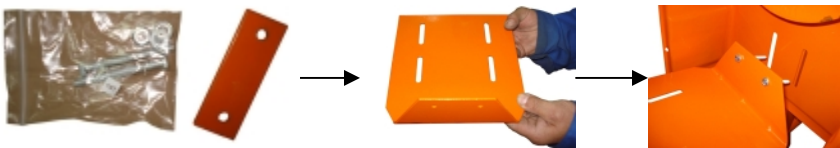
22) Using the bolt set no 5, and wheel of the heeling, we screw the bolt from the bottom, and from the top we put spring and stopper.



23) Mount the motor cover to the pillar, on which the wheels are.



24) Using the bolt set nr 6 you should screw the motor pillar and metal plate, that the motor stand will be controllable.

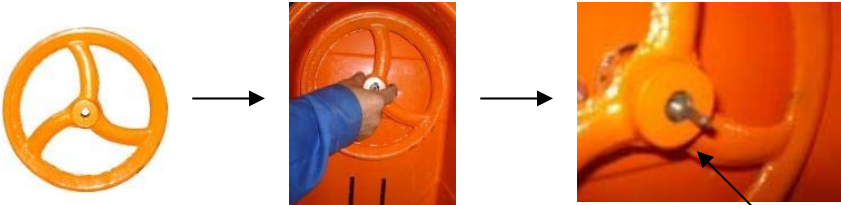






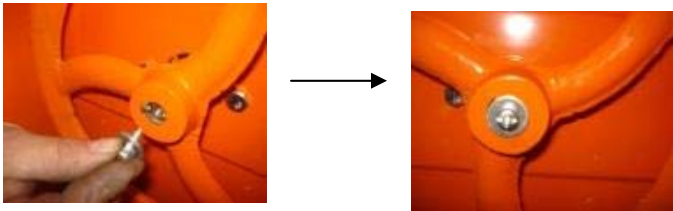
motor pillar

25) Put the wheel in the motor cover, placing the pin in wheel centre.

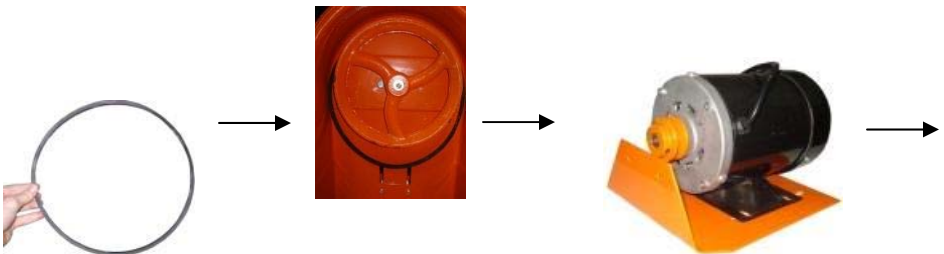


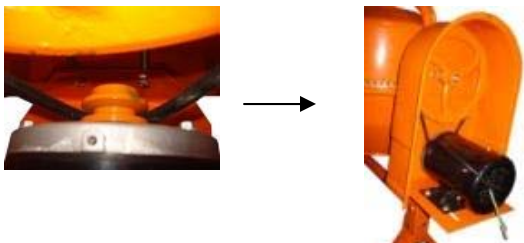
and screw with bolt

pin



Mount wedge belt on the wheel, mount the motor to motor pillar.





**REMEMBER !! THE WEDGE BELT MUST BE STRAINED !  
YOU CAN DO IT GOVERNING THE MOTOR PILLAR**

- 26) Set up motor cover, respectively connecting cords:
- yellow-green screw to motor cover
  - blue to upper input
  - brown to lower input



## OPERATION

- 1) Place the Cement Mixer on a solid surface.
  - 2) Connect the power cord to an electrical outlet.
  - 3) Turn the switch to ON position.
  - 4) Add material to the drum – remember to not overload the device.
- NOTE: Do not attempt to move the Cement Mixer when it is full and/or in operation.
- 5) Set the drum in work position, and then lock the arm.
  - 6) Never leave the Cement Mixer during operation.
  - 7) Locate the drum in position which will facilitate to drain all fluids from drum.
  - 8) When finished, flip the switch to the OFF position and disconnect the power cord.

## MAINTENANCE

- 1) **After use immediately wash out all debris from the inside and outside of the Cement Mixer. Make sure the Power Cord is disconnected.**
- 2) **Do not apply water in or around the Motor.**
- 3) **Retighten belt after the first 25 hours of use. The belt should be able to be pressed in no more that 0,5 cm.**
- 4) **Periodically recheck all nuts, bolts and screws for tightness.**
- 5) **Ring beam should be cleaned every time after using.**

**CAUTION !**

**Do not throw away used electrical and electronic**



**goods together with municipal waste.  
Take it to the recycling.**

	<b>Name</b>	<b>Quant</b>
1	Base plate	1
2	Pillar	1
3	Bolt	4
4	Washer	4
5	Nut	4
6	Pillar	2
7	Bolt	2
8	Washer	2
9	Nut	2
10	Wheel	2
11	Washer	4
12	Shank	2
13	Arm	1
14	Iron tube L	1
15	Iron tube R	1
16	Shaft	1
17	Drum lower	1
18	Lower cover	1
19	Bearing	1
20	Upper cover	1
21	Shaft spring	1
22	Bearing	2
23	Bering cover	2
24	Flat washer	1
25	Transmission	1
26	Seal	1
27	Upper drum	1
28	Mixer	2
29	Washer	2
30	Nut	2
31	Bolt	2
32	Podkładka	2
33	Śruba	2
34	Washer	8
35	Nut	8
36	Clip	2
37	Iron tube fixture L	1
38	Iron tube fixture	1
39	Washer	4
40	Nut	4

	<b>Nazwa</b>	<b>Quant</b>
41	Washer	2
42	Nut	2
43	Roller	1
44	Washer	13
45	Washer	13
46	Nut	13
47	Bolt	8
48	Washer	8
49	Plate	1
50	Arm	1
51	Bolt	1
52	Motor	1
53	Hand bolt	1
54	Roller	1
55	Motor Base	1
56	Bolt	1
57	Motor cover	1
58	Bolt	1
59	Washer	1
60	Washer	1
61	Bolt	1
62	Washer	10
63	Washer	1
64	Motor cover	1
65	Bolt	9
66	Washer	3
67	Nut	3
68	Bolt	2
69	Belt	1
70	Spring	1
71	Switch	1
72	Wire	1
73	Spring	1
74	Bolt	1
75	Nut	1
76	Washer	2
77	Nut	1
78	Washer	1
79	Washer	2
80	Washer	1

