

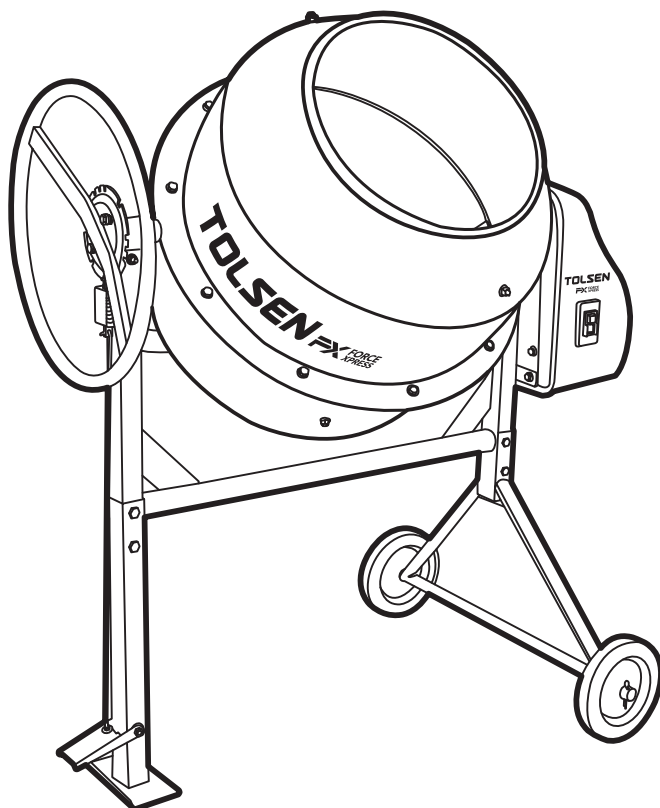
TOLSEN FORCE XPRESS

79952/79953 CONCRETE MIXER

INSTRUCTION MANUAL

230V~50HZ

CE



SAVE THIS MANUAL !

You will need this manual for safety instructions, operating procedures and warranty.
Put it and the original sales receipt in a safe dry place for future reference.

SAFETY WARNINGS AND PRECAUTIONS

Original 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.

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 lit. 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.
22. Do not operate tool within residing areas.

ASSEMBLY

Packing diagram



Spare part No.	Spare part name	Quantity
1	Support	1
2	Beam frame	1
3	Wheel support	1
4	Wheel	2
5	Lower drum with a cross beam	1
6	Upper drum	1
7	Blade	2
8	Seal	1
9	Steering wheel	1
10	Pedal	1
11	Tie rod	1
12	Fasteners unit	1
13	Engine unit	1
14	Manual book	1

Fasteners unit(12) Sub-package details



M8x65x6(8)

A



Ø 26 x4



x2

B



M8x70x1

C



M8x18x4

D



M6x16x6(8)

E



M8x16x2

F



M8x25x2



M8x55x1

G

Step 1

As shown in Fig 1, insert the A1 end of beam frame(2) into the A1 end of support(1), and tighten it with 2 screws and 2 nuts in A bag of fasteners unit(12).

NOTE: Make sure the support(1) is installed on the side of beam frame(2) with spring seat.

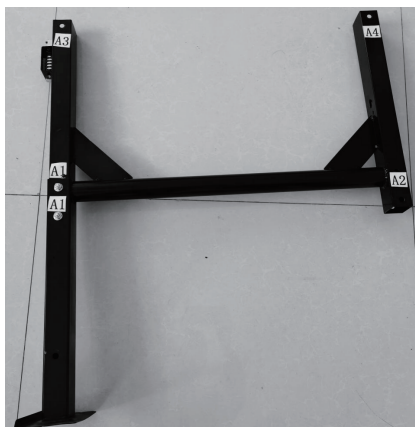


Fig. 1

Step 2

As shown in Fig. 2 and Fig. 3, use 2 pins and 4 spacers in B bag of fasteners unit(12) to install two wheels(4) on both sides of wheel support(3).

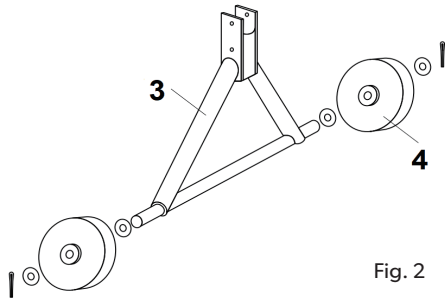


Fig. 2

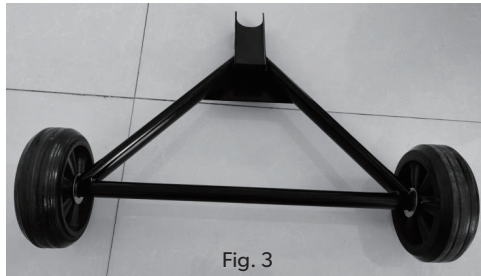


Fig. 3

Insert the A2 end of beam frame(2) into the A2 end of wheel support(3), and fasten them with 2 screws and 2 nuts in A bag of fasteners unit(12) as shown in Fig. 4.

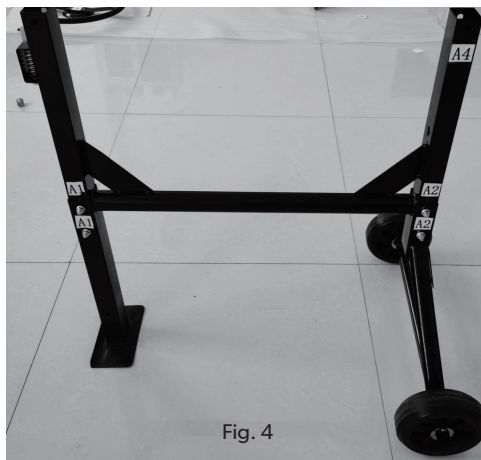


Fig. 4

Step 3

As shown in Fig. 5, 2 people work together to lift lower drum with a cross beam(5), insert the A3 and A4 ends of cross beam into the A3 and A4 ends of beam frame(2), then let the drum opening facing up as shown in Fig. 6.

NOTE: Make sure the small disc on the cross beam is on the same side as spring seat (as shown in Fig. 7). Then, use 2 screws and 2 nuts in A bag of fasteners unit(12) to fasten the two ends respectively.



Fig. 5



Fig. 6



Fig. 7

Step 4

Assemble pedal(10) and tie rod(11) as shown in Fig. 8. Then use 1 screw and 1 nut in C bag of the fasteners unit(12) to install pedal(10) on support(1) as shown in Fig. 9.

Then hook the upper end of tie rod(11) into the hole of spring seat as shown in Fig. 10.

NOTE: The pedal(10) can be installed vertically on support(1), or slightly inclined upwards.



Fig. 8

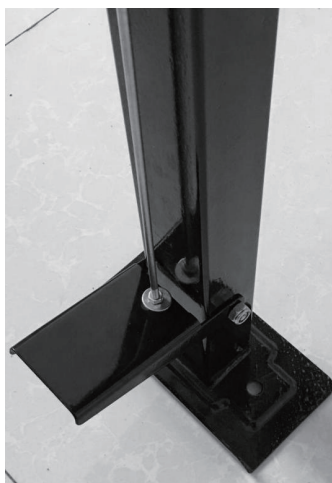


Fig. 9



Fig. 10

Step 5

As shown in Fig. 11 and Fig. 12, use 2 screws and 2 nuts in D bag of fasteners unit(12) to fix the smaller ends of 2 blades(7) in lower drum(5).

NOTE:

- ① The screw is inserted into the blade hole from the outside of the drum, and the nut is screwed from the inside of the drum.
- ② Don't tighten the 2 screws. They need to be adjusted in following step.



Fig.11

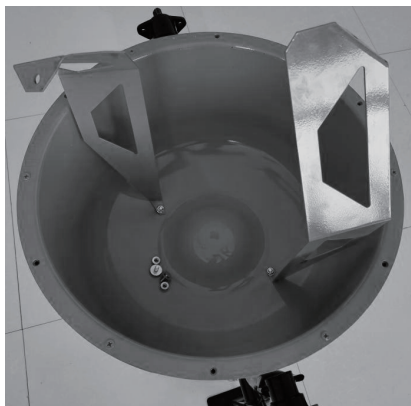


Fig. 12

Step 6

As shown in Fig. 13 and Fig. 14, pass the screws in E bag of fasteners unit(12) through the holes of upper drum(6) and seal(8) from the outside of the drum, so the seal(8) is fixed with upper drum(6).



Fig.13

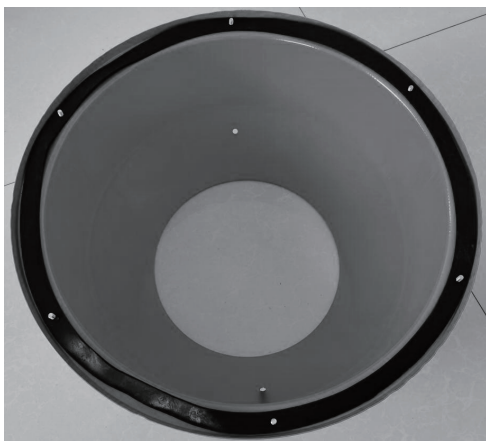


Fig. 14

Step 7

As shown in Fig. 15, align the 2 arrows and place upper drum(6) on lower drum(5).

Make sure the screws on upper drum(6) are all aligned with the screw holes of lower drum(5), then tighten all the screws as shown in Fig. 16.

Suggestion: If there's screws do not fit into the holes, lift the upper drum(6) slightly to adjust.



Fig.15

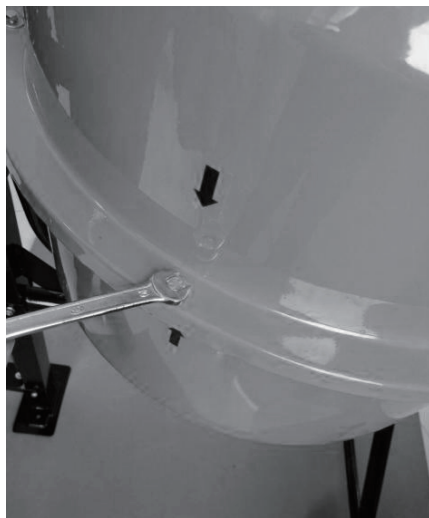


Fig.16

Step 8

As shown in Fig. 17, use 2 screws and 2 nuts in D bag of fasteners unit(12) to fix the bigger ends of 2 blades(7) on upper drum(6). Then tighten the 2 screws on lower drum(5) as shown in Fig. 18.



Fig.17



Fig. 18

Step 9

As shown in Fig. 19, align the groove of steering wheel(9) with the pin of spring seat. Press down and align the 2 holes as shown in Fig. 20. Then use 2 screws in F bag of fasteners unit(12) to fix steering wheel(9) on the small disc of beam frame(2) as shown in Fig. 21.



Fig. 19

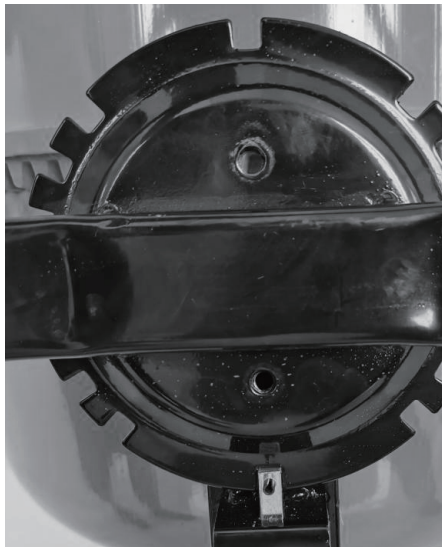


Fig. 20

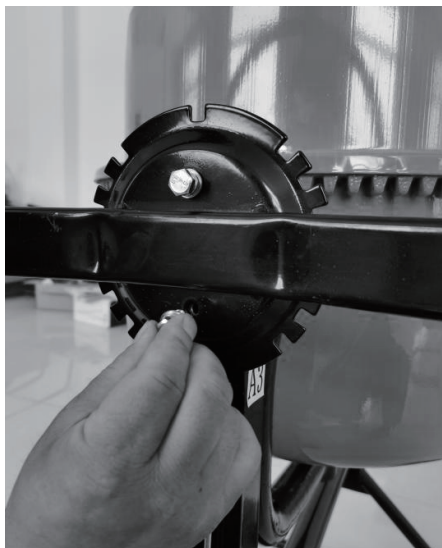


Fig. 21

Step 10

As shown in Fig. 22, put engine unit(13) on the shaft of beam frame(2), Then tighten it with 2 shorter screws and 2 spring washers in G bag of fasteners unit(12) shown as in Fig. 23. Step on the pedal(10), turn the steering wheel(9) to rotate the drums as shown in Fig. 24. Then use 1 longer screw and 1 spring washer in G bag of fasteners unit(12) to fix engine unit(13) as shown in Fig. 25, The installation is completed.



Fig. 22



Fig. 23



Fig. 24



Fig. 25



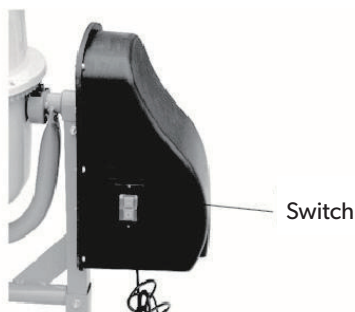
Completed

OPERATION

1. Place the Cement Mixer on a solid, even surface.
2. Connect the Power Cord to an electrical outlet (or properly rated extension cord) with a third, ground prong.
3. Add material to the Drum. Typical maximum quantities include: 2 gallons water
3 shovels cement, 15 shovels aggregate rock using a size 3 shovels.

Warning: Do not attempt to move the Cement Mixer when it is full and/or in operation. Injury to personnel could occur.

4. Adjust the Drum angle by pulling out on the Degree Adjusting Arm, disengaging the locking pins, and push on Arm until the desired angle is reached, Reengage the locking pins.
5. Flip the Switch to the stand on position.



6. Filling and emptying the Drum is best done with the Drum rotating.

Caution: Never leave the Cement Mixer running while unattended. Do not turn Mixer off while working.

7. When finished, flip the Switch to the off position, and disconnect the power Cord.
8. Turn the Drum angle as far down as possible to drain all fluids from Drum.

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 Base Cover.
3. Re-tighten belt after the first 25 hours of use. The belt should be able to be pressed in no more than 1/4 inch.
4. Periodically recheck all nuts and screws for tightness.

CAUTION !

Do not throw away used electrical and electronic goods together with municipal waste.



SPECIFICATIONS

Stock No.	79952	79953
Drum capacity	140 L	200 L
Power	550W	850W
Voltage	230V~50Hz	230V~50Hz
Net weight	42.3 kg	52.5 kg
Motor Speed	2800/min	2800/min
Drum speed	27/min	29/min



CE DECLARATION OF CONFORMITY

WE
SUZHOU TOLSEN TOOLS CO.,LTD.
198 HUASHAN ROAD, ZHANGJIAGANG,
JIANGSU, CHINA

Declare that the product
79952/79953
CONCRETE MIXER

Complies with the essential health and safety requirements of the following Directices:
EC Council Directive 2006/42/EC Machinery

Standards and technical specifications referred to:

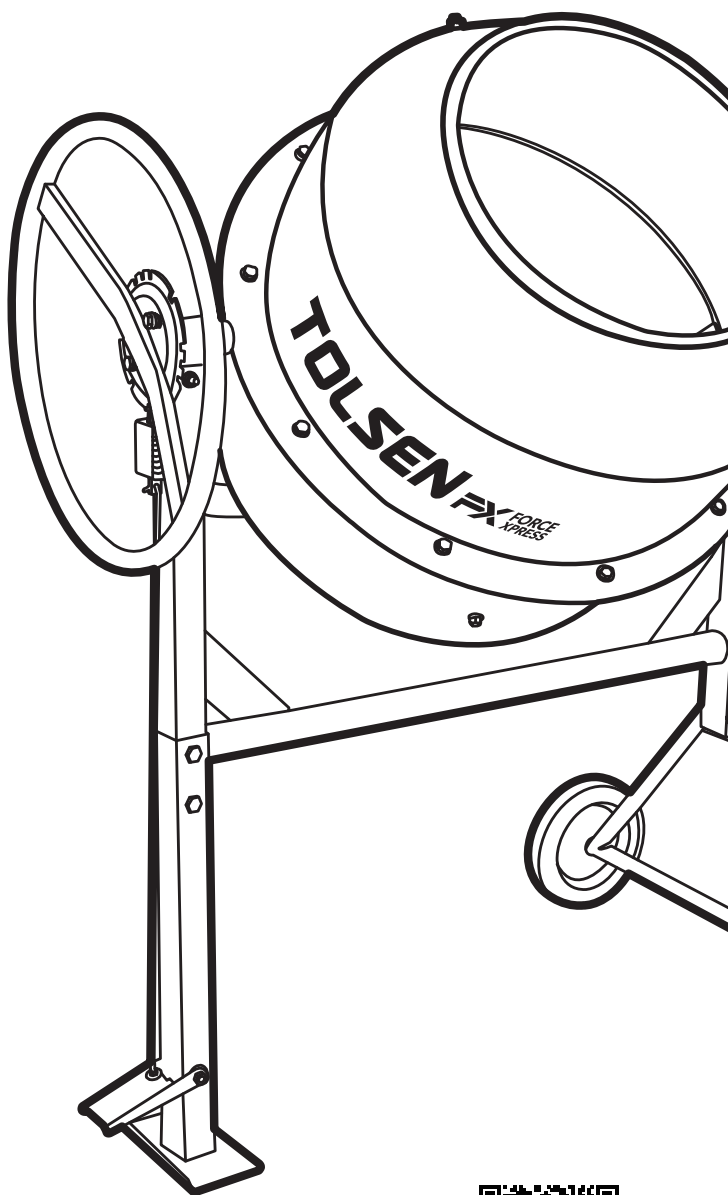
EN 12151:2007
EN 60204-1:2006/A1:2009
EN 55014-1:2006/A2:2011
EN 55014-2:2015
EN 61000-3-2:2014
EN 61000-3-3:2013

Authorised Signatory and technical file holder

Signed for and on behalf of:

SUZHOU TOLSEN TOOLS CO.,LTD.
198 HUASHAN ROAD, ZHANGJIAGANG,
JIANGSU, CHINA
ZHANG XING YU
Group Quality Director
on:07/02/2022





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