

Operator's Safety and Service Manual

Mortar & Plaster Mixer



MM6 / MM6P

MM8 / MM8P

MM95



It is the OWNER'S RESPONSABILITY to communicate information on the
SAFE USE and OPERATION of this machine to the operators.



TABLE OF CONTENTS


- 1.Serial Number Location..... 3
- 2.Parts Ordering Procedure 3
- 3.Operating Instructions 4
- 4.Safety Precaution 6
- 5.Safety Notice & Decals 7
- 6.Safety Decal Location 9
- 7.Before Operating..... 11
- 8.Operation Instruction..... 11
- 9.Starting Engine 12
- 10.Service Instructions..... 13
- 11.Maintenance Schedule 14
- 12.Replacements..... 15
- 13.Torque Chart 16
- 14.Warranty 17
- 15.Warehouse Locations..... 18
- 16.Notes 19
- 17.Parts List Breakdown.....Attached

1. SERIAL NUMBER LOCATION

The model/serial number decal is located on the shroud assembly (black).

(Write model number)



(Write serial number)

The unit's year of manufacture can be determined by the serial number. Contact your nearest sales branch or  for more information.


This Unit warranty is stated in this Operational and Safety manual on page 17. Failure to return warranty registration card renders the warranty null and void.

An engine owner's manual is also attached to every unit. Engine parts may order from any authorized dealer. Refer to the engine owner's manual to learn about specifications and part identification.

2. PARTS ORDERING PROCEDURE:

 Parts are available worldwide and must be ordered through your local distributor. If you can't locate the  distributor in your area refer to page 18 of this manual to locate the nearest branch and contact numbers for assistance.


ALWAYS HAVE READY:


1. Model and serial number of machine when ordering  parts.
2. Model and serial number of engine when ordering engine parts.
3. Item part number(S), description, and quantity.
4. Company name, address, zip code, and purchase order number.
5. Preferred method of shipping.

REMEMBER – you own the best. If repairs are needed use only purchased parts from authorized  distributors.

3. OPERATING INSTRUCTIONS

INTRODUCCION

 Mixers are intended for use in several applications. They are powered by four cycle gas engines or electric motors and are available in different sizes and manufacturers.

This Operation manual contains only standard parts. Variations of these parts as well as other special parts are not included. Contact your local  distributor for assistance in identifying parts not included in this manual.

ASSEMBLY INSTRUCTIONS

1. Remove the mixer and all components from its shipping crate. You will see:
 - Two rim and tire assemblies.
 - Axle assembly with hubs on each side, idler spring, and 8 lug nuts.
 - Selected hitch with lock pin and bolt and safety bolt with hair pin.

Note: All installation hardware must be inserted into its respective location on the mixer, see parts explosion for more details.

2. After removing all mixers' safety packing, while standing on an end, locate the axle's place on the mixer. You need to locate the bolts attached to the mixer shroud, bolted to the pallet and make sure this bolts are removed.
3. Lift the axle up to the mixer frame and position it with the bracket spring lined up to the idler clutch hole on the mixer's frame.
4. Insert two 1/2 inch bolts with a washer through the frame and the vertical mounting bracket on the axle. Secure each bolt with a washer and locknut. Tight the bolts at 57 ft.-lbs.
5. Remove the lug nuts from the axle and mount the speed wheel, after wheel is mounted proceed to place the lug nuts (make sure the conical (tapered) end is facing the inside of the wheel. Torque to 105 ft.-lbs.
6. Proceed with the second wheel using the steps of point #3.
7. Hook one end of the spring to the idler arm. Hook the other end of the spring to the spring plate on the axle. The spring should be hooked through the second hole from the top toward the middle of the mixer.
8. Using appropriated Equipment, put the mixer down to the ground.



Warning: failure to use proper lifting equipment could cause mixer to fall and cause serious injury.

9. Position the safety chain through the key slots in the front leg. Adjust the chain's ends to equal length.
10. Remove the safety bolt and pin from the tow bar.
11. Install the tow bar through the front leg.
12. Insert the pin through the front leg and the front hole in the tow bar. Secure the pin with a hairpin cotter.
13. Insert the 3/4" bolt through the rear hole and secure with a lock washer and nut. Tighten securely.



4. SAFETY PRECAUTIONS



READ AND STUDY THE FOLLOWING SAFETY INFORMATION BEFORE ATTEMPTING TO OPERATE THIS EQUIPMENT. IN ADDITION, ENSURE THAT EVERY INDIVIDUAL WHO OPERATES OR WORKS WITH THIS EQUIPMENT IS FAMILIAR WITH THESE SAFETY PRECAUTIONS.

WARNING - LETHAL EXHAUST GAS!

An internal combustion engine discharges carbon monoxide, which is a poisonous and odorless invisible gas. Death or serious illness may result if inhaled. Operate only in an area with good ventilation, **NEVER IN A CONFINED AREA!**

WARNING - DANGEROUS FUELS!

Use extreme caution when storing, handling and using fuels - they are highly volatile and explosive in the vapor state. Do not add fuel while engine is running. Stop and cool the engine before adding fuel.

DO NOT SMOKE WHEN REFUELING!

SAFETY GUARDS

It is the owner's responsibility to ensure **ALL GUARDS AND SHIELDS** are in place and in working order.

IGNITION SYSTEMS

Breakerless magneto and batteries ignition systems **CAN CAUSE SEVERE ELECTRICAL SHOCKS**, avoid contact with these components or their wiring.

SAFE DRESS

DO NOT WEAR loose clothing, rings, wristwatches, etc., near machinery.

NOISE PROTECTION

Wear O.S.H.A. specified hearing protection devices.

FOOT PROTECTION

Wear O.S.H.A. specified steel tip safety shoes.

HEAD PROTECTION

Wear O.S.H.A. specified safety helmets.

EYE PROTECTION

Wear O.S.H.A. specified eyes shields, safety glasses, and sweat bands.


DUST PROTECTION

Wear O.S.H.A. specified dust mask or respirator.

OPERATOR

Keep children and bystanders off and away from the equipment.

OPERATOR

For details on safety rules and regulations in the United States, contact your local Occupational Safety and Health Administration (O.S.H.A.) office. Equipment operated in other countries must be operated and serviced in accordance and compliance with any and all safety requirements of such country. The publication of these safety precautions is done for your information does not by the publication of these precautions, imply or in any way represent that these are the sum of all dangers present near equipment. If you are operating a  unit it is your responsibility to insure that such operation is in full accordance with all applicable safety requirements and codes. All requirements of the United States Federal Occupational Safety and Health Administration Act must be met when operated in areas that are under the jurisdiction of that United States Department.

5. SAFETY NOTICE & DECALS



IMPORTANT NOTICE



The "SAFETY ALERT SYMBOL" is used to call attention to items or operations that may be dangerous to those operating or working with this equipment. These symbols can be found throughout the manual and on the unit itself. Please read these warnings and cautions carefully.

READ SAFETY DECALS CAREFULLY

Carefully read and follow all safety decals. Keep them in good conditions. If they become aged, replace as required. If repainting, **REPLACE ALL** decals. Decals are available from your authorized Distributors. Decals are not shown to scale.



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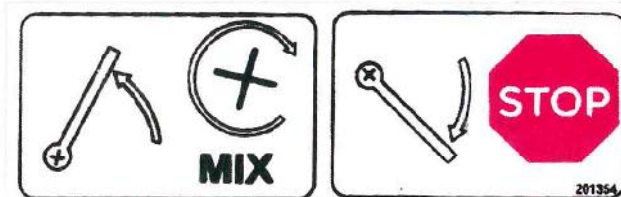
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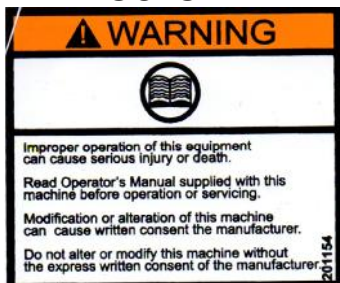
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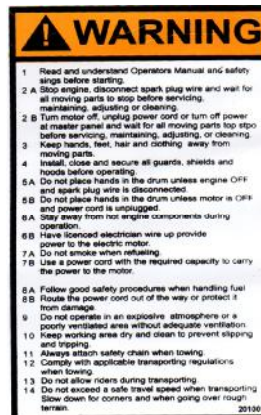
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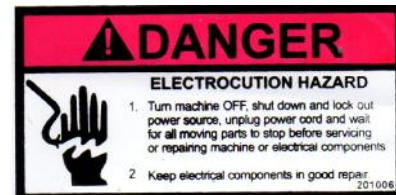
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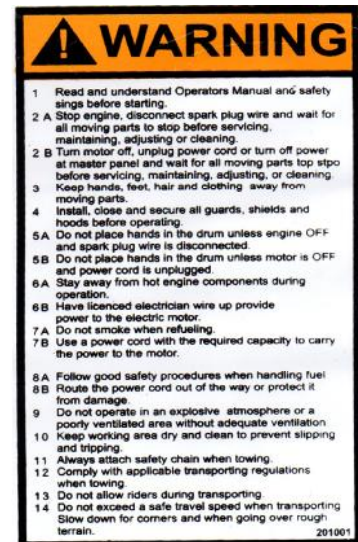
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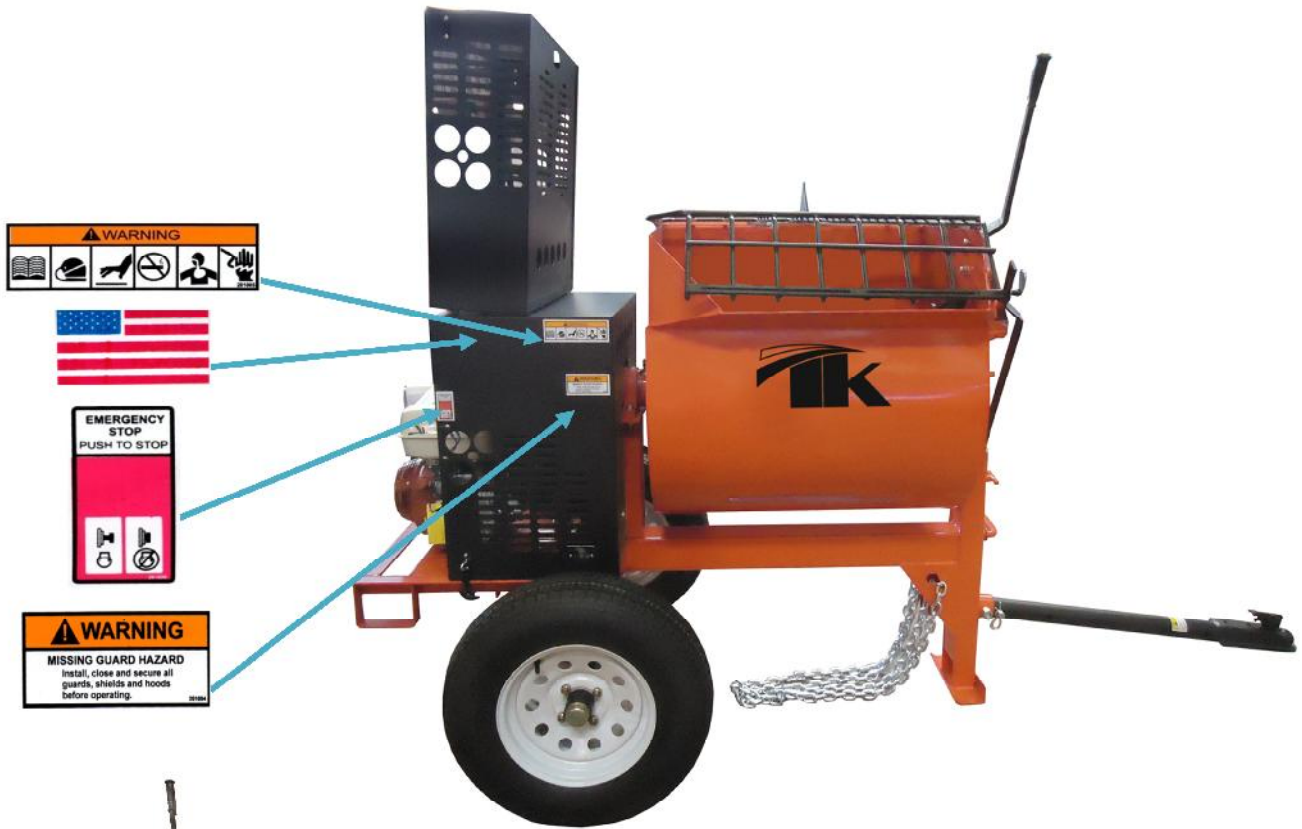


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6. SAFETY DECAL LOCATION



201001 BIG



7. BEFORE OPERATING

-  **REMEMBER!** It is the owner's responsibility to communicate information on the safe use and proper operation of this unit to the operators.
-  Before operating, review SAFETY PRECAUTIONS listed on page 5 of this manual.
-  Familiarize yourself with the operation of the unit and confirm that all controls function properly BEFORE starting engine.
-  Locate the killing switch and assure you know how to STOP the unit.
-  Make sure hands, feet, and clothing are at a safe distance from any moveable parts prior to starting.
-  Shrouds and grids are provided to protect the operator or structures in close proximity to rotating hot engine parts. It is the **RESPONSABILITY OF THE OPERATOR** to see that they are properly in place.
-  OIL LEVEL - Check the oil level in the engine. For more information see "Lubrication" under the engine "Owner's Manual" the "Maintenance" section of this manual. All mixers come without oil running an engine without lubrication may damage the engine.
-  AIR CLEANER - Check to ensure elements are in good condition and properly installed.
-  Review every decal with the OPERATOR.
-  FUEL SUPPLY - Engines on  Mixer equipment require an automotive grade of clean, fresh, unleaded or regular gasoline. All mixers come without gasoline and oil.
-  FUEL FILTER - Check to ensure element is in good condition... Replace if it is clogged or damaged.
-  LUBRICATION POINTS - Make sure all pillow blocks and drum's trunnions have been properly greased.
-  PADDLES AND BLADES - Check the paddles and make sure they are adjusted to about 1/16" interference. This is mandatory after installing rubber blades on the paddles.

8. OPERATION INSTRUCTIONS

Prior to starting engine, make sure mixer engagement lever is in the "IDLE" POSITION.

Gas engine

1. Open the fuel valve.
2. Pull the stop switch on the engine shroud to its "Out" position.
3. Move the engine throttle control to the "FAST" position.
4. Choke the engine if necessary.(You may not need to choke a warm engine)
5. Pull the starter string.

6. After the engine starts, move the choke lever to the open position, move the throttle level to the "IDLE" position and let the engine warm-up for one or two minutes.

Electric motor

1. Plug the motor into a suitable power source.
2. Move the switch on the motor to the "on" position.

OPERATING

1. If using a gas engine, allow the engine to warm up then move the throttle to the fast position.
2. Close the engine shroud



DO NOT OPERATE THE MIXER WITH THE SHROUD OPEN!

3. Move the engagement lever into the "MIX" position and load the mixer.
4. After loading a batch of mortar, it is recommended to add water for the next batch.
5. After discharging the final batch of mortar, add water to the drum while the mixer is running. Discharge the water after the inside of the mixer is clean.

9. STARTING ENGINE

IMPORTANT
Engine warranty is void if the engine is run without oil.

GAS ENGINE

1. Move the engagement lever to the "IDLER" position.
2. Whenever possible it is recommended to let the engine idle before stopping.
3. Push in the engine stop switch on the engine shroud.
4. Close the fuel valve.

ELECTRIC MOTOR

1. Move the switch on the motor to the "off" position.



STOP THE ENGINE OR ELECTRIC MOTOR BEFORE:

- Adding fuel.
- Leaving equipment unattended for any amount of time.
- Making any repairs or adjustments to the unit.
- Transportation.

TOWING:

1. Stop the engine or electric motor.
2. Close and hook the engine should.

3. Rotate the drum into the tow position and secured it with the locking pin.
4. Secure the mixer hitch and safety chains to the vehicle.

**BEFORE TOWING:**

- Make sure the axle and tow bar hardware is tightened.
- Check the condition of the pin on the tow bar and make sure it is secured.
- Remove any loose debris from the mixer.
- Use safety chains when towing.

MAXIMUM TOW SPEED: 45 mph**10. SERVICE INSTRUCTIONS**

- **Never service or lubricate the unit engine while running.**
- **After servicing the unit, restore and fasten all guards, shields, and covers to their original positions.**
- **Never drain oil into the ground, into open streams, or down sewage drains.**

ENGINE

See engine owner's manual maintenance schedule.

DRUM

1. Wash the drum after every day's usage.
2. Pull the locking pin and tip the drum forward to drain water excess.
3. Return drum to towing position and secure with locking pin before moving mixer.

LUBRICATION

1. Grease all fittings daily. All mixers have 6 grease fittings, 4 pillow blocks and 2 drum trunnions. Two of the fittings are located at each end of the mixer drum on the top of pillow blocks and trunnions.
The two remaining grease fittings are located under the engine shroud on the top of the intermediate shaft pillow blocks (see picture below).
2. Electric mixers only: oil the drive chain once a week.

11. MAINTENANCE SCHEDULE

	<i>Maintenance</i>	<i>Each use</i>	<i>Every 20 hours</i>	<i>Every 50 hours</i>	<i>Every 100 hours</i>	<i>Yearly</i>
Engine	Refer to engine operator/owner manual	X				X
Bearings	Grease	X				X
V-Belts	Check for excessive wear		X			X
Roller chain	Check for excessive wear		X			X
Hardware	Check and tighten 1,2		X	X		X
Tires	Check air pressure	X				

1. Check all hardware after the first 5 hours of use, then follow the maintenance schedule.
2. Re-torque the front leg and axle hardware after the first 50 miles traveled, and then follow the maintenance schedule.

12. REPLACEMENT

Parts

Tolerance or Replacement Cycle

Engine Components

- ✓ Refer to your engine manufacturer's Owner's Manual

V-Belts

- ✓ Replace if stretched to the point that the idler does not work properly. Replace the V-belts if they are cracked or torn.

Roller Chain

- ✓ Replace if there is excessive play between the links or the links are damaged.

Gears

- ✓ Replace if the teeth are cracked or have become sharp.

Hardware

- ✓ Re-torque all bolts after the first eight hours of operation and check hardware every 25 hours. Replace any worn or damaged hardware as needed. Replacement hardware should be grade 5 and zinc plated.

Safety Decals

- ✓ Replace if they become aged, damaged or cannot be easily read.



13. TORQUE CHART

APROXIMATE TIGHTENING TORQUE

<u>SIZE</u>	<u>GRADE 2</u>	<u>GRADE 5</u>	<u>GRADE 8</u>
# 10-24	21 in-lbs	32 in-lbs	45 in-lbs
# 10-32	23 in-lbs	36 in-lbs	51 in-lbs
1/4-20	49 in-lbs	76 in-lbs	9 in-lbs
1/4-28	56 in-lbs	87 in-lbs	10 in-lbs
5/16-18	8 in-lbs	13 in-lbs	18 in-lbs
5/16-24	9 in-lbs	14 in-lbs	20 in-lbs
3/8-16	15 in-lbs	23 in-lbs	33 in-lbs
3/8-24	17 in-lbs	26 in-lbs	37 in-lbs
7/16-14	24 in-lbs	37 in-lbs	52 in-lbs
7/16-20	27 in-lbs	41 in-lbs	58 in-lbs
1/2-13	37 in-lbs	57 in-lbs	80 in-lbs
1/2-20	41 in-lbs	64 in-lbs	90 in-lbs
9/16-12	53 in-lbs	82 in-lbs	115 in-lbs
9/16-18	59 in-lbs	82 in-lbs	129 in-lbs
5/8-11	73 in-lbs	112 in-lbs	159 in-lbs
5/8-18	83 in-lbs	112 in-lbs	180 in-lbs
3/4-10	129 in-lbs	223 in-lbs	282 in-lbs
3/4-16	144 in-lbs	200 in-lbs	315 in-lbs
7/8-9	125 in-lbs	322 in-lbs	454 in-lbs
7/8-14	138 in-lbs	355 in-lbs	501 in-lbs

APROXIMATE TIGHTENING TORQUE












<u>SIZE</u>	<u>GRADE 2</u>	<u>GRADE 5</u>	<u>GRADE 8</u>
1-8	188 ft-lbs	483 ft-lbs	682 ft-lbs
1-12	205 ft-lbs	529 ft-lbs	746 ft-lbs
1-14	210 ft-lbs	541 ft-lbs	764 ft-lbs
1-1/8-7	266 ft-lbs	596 ft-lbs	966 ft-lbs
1-1/8-12	297 ft-lbs	668 ft-lbs	1083 ft-lbs
1-1/4-7	375 ft-lbs	840 ft-lbs	1363 ft-lbs
1-1/4-12	415 ft-lbs	930 ft-lbs	1509 ft-lbs
1-3/8-6	491 ft-lbs	1102 ft-lbs	1787 ft-lbs
1-3/8-12	559 ft-lbs	1254ft-lbs	2034 ft-lbs
1-1/2-6	652 ft-lbs	1462ft-lbs	2371 ft-lbs
1-1/2-12	734 ft-lbs	1645ft-lbs	2668 ft-lbs
M 6	3 ft-lbs	4 ft-lbs	7 ft-lbs
M 8	6 ft-lbs	10 ft-lbs	18 ft-lbs
M 10	10 ft-lbs	20 ft-lbs	30 ft-lbs

CONVERSIONS

- in - lbs x 0.083 = ft-lbs
- ft - lbs x 12 = in-lbs
- ft - lbs x 0.1383 = kg-m
- ft - lbs x 1.3558 = N-m

14. WARRANTY

THIS IS YOUR WARRANTY - PLEASE READ AND SAVE

1.  Warrants each new machine against any defect in material and workmanship under normal use and service for a period of six (6) months. This warranty start the first the machine is sold, assigned to a rental fleet, or otherwise get into its first use.
2. The obligation under this warranty is limited to the replacement of parts at your factory branch or an authorized  distributor.
3. Machines altered or modified without a  written consent, may void this warranty policy immediately. Misuse, negligence, accidents or the operation of the machines in any other way that the recommended by  operation procedures, will void this warranty policy. This warranty shall not apply to machines repaired by other than  authorized branches or distributors.
4. The cost of transportation and other expenses related are not covered by this warranty.
5. Written authorization for the return of merchandise under warranty must be obtain from  customer service contact.
6.  Reserves the right to inspect and render the final decision on each warranty case.
7.  Reserves the right to improve or make product changes without incurring any obligation to update, refit or install on machines previously sold.
8.  Is not responsible for any liability, damage or injury directly or indirectly from the design, material or operation of its product.
9. The warranty letter must be returned to  within 10 days after purchase/acquire, for a first use failure warranty claim. Failure to return the warranty letter as specified renders the warranty null and void.
10. Warranty request must be submitted in written within 30 days after machine failure to  customer service.
11. THE FOREIGN WARRANTY IS EXPRESSLY IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING THE WARRANTIES OF MERCHANT ABILITY AND FITNESS FOR USE AND OF ALL OTHER OBLIGATION OR LIABILITIES ON OUR PART, AND WE NEITHER ASSUME FAILURES ON ENGINES, MOTORS AND THEIR COMPONENTS.







15. WAREHOUSE LOCATIONS

 *Is at your service*

REMEMBER - you own the best. If repairs are need use only parts purchased from a  authorized distributor.

 Has established a network of reputable distributors with trained mechanics and full facilities for maintenance and rebuilt, and to carry an adequate stock parts in all areas of the country. Their sales engineers are available for professional consultation. If you cannot locate your  distributor contact our sales branch listed below.

UNITED STATES

TK CORPORATE OFFICE
14419 ATLANTA DRIVE
LAREDO, TX 78045
TEL: (956) 796-9411
FAX: (956) 462-2500

CANADA

330 SALTEAUX CRES
WINNIPEG, MANITOBA
CANADA R3J 3T2
TEL: (204) 831-8468
FAX: (204) 831-8590

MEXICO

CANATLAN #100 PARQUE
INDUSTRIAL LAGUNERO
GOMEZ PALACIO, DGO
MEXICO 35070
TEL: +52 (871) 290-7025

TOLL FREE LINE

 **866 357 1664**

CONTACT E-MAILS

SALES

sales@tkequip.com

PARTS & SERVICE

parts@btmequipment.com
service@btmequipment.com

ACCOUNTING

accounting@btmequipment.com
accounts@btmequipment.com

MANAGEMENT

Octavio Chavez

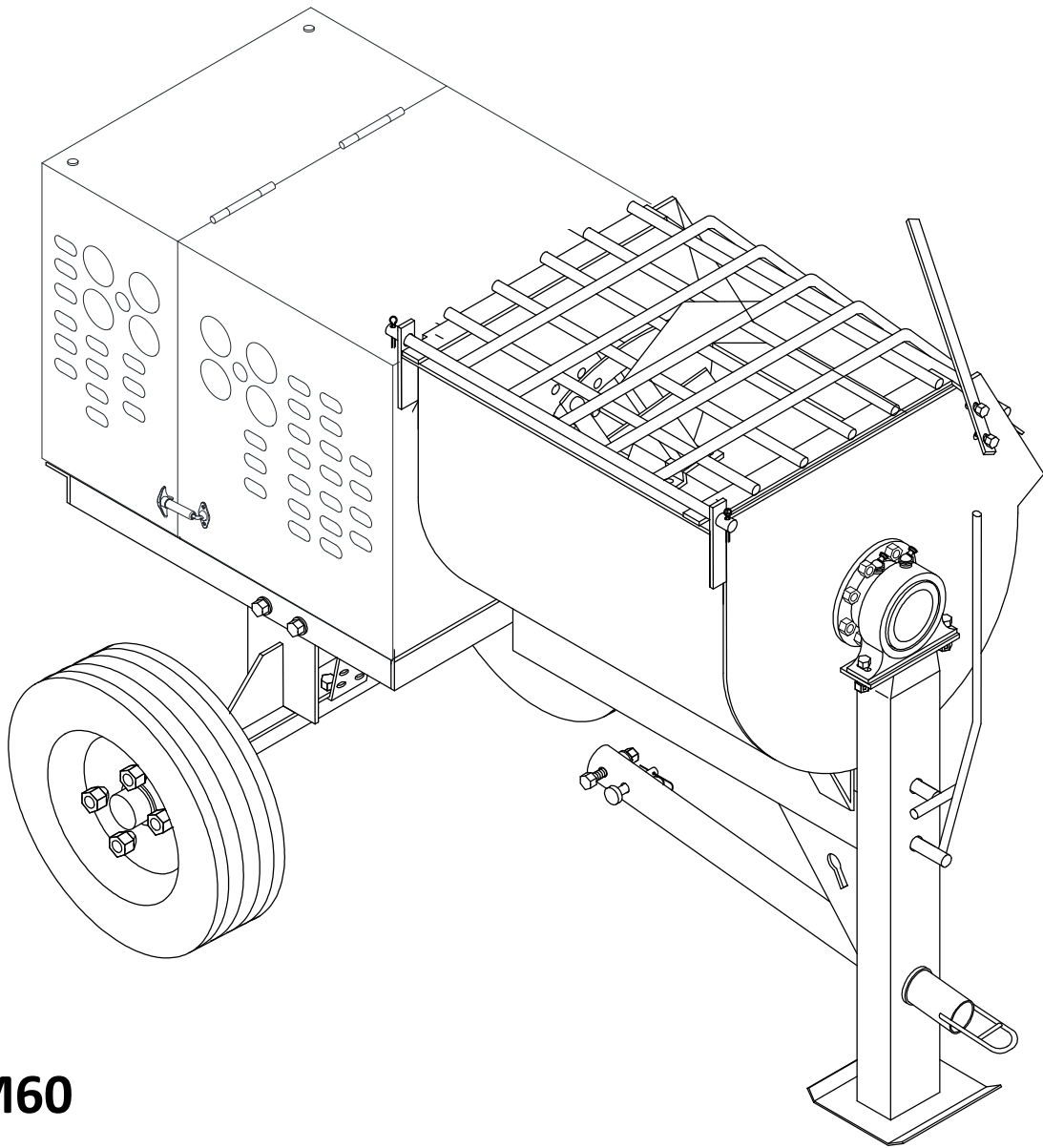
Sales Manager

manager@tkequip.com

www.tkequip.com



Part list Mortar Mixer



MM60

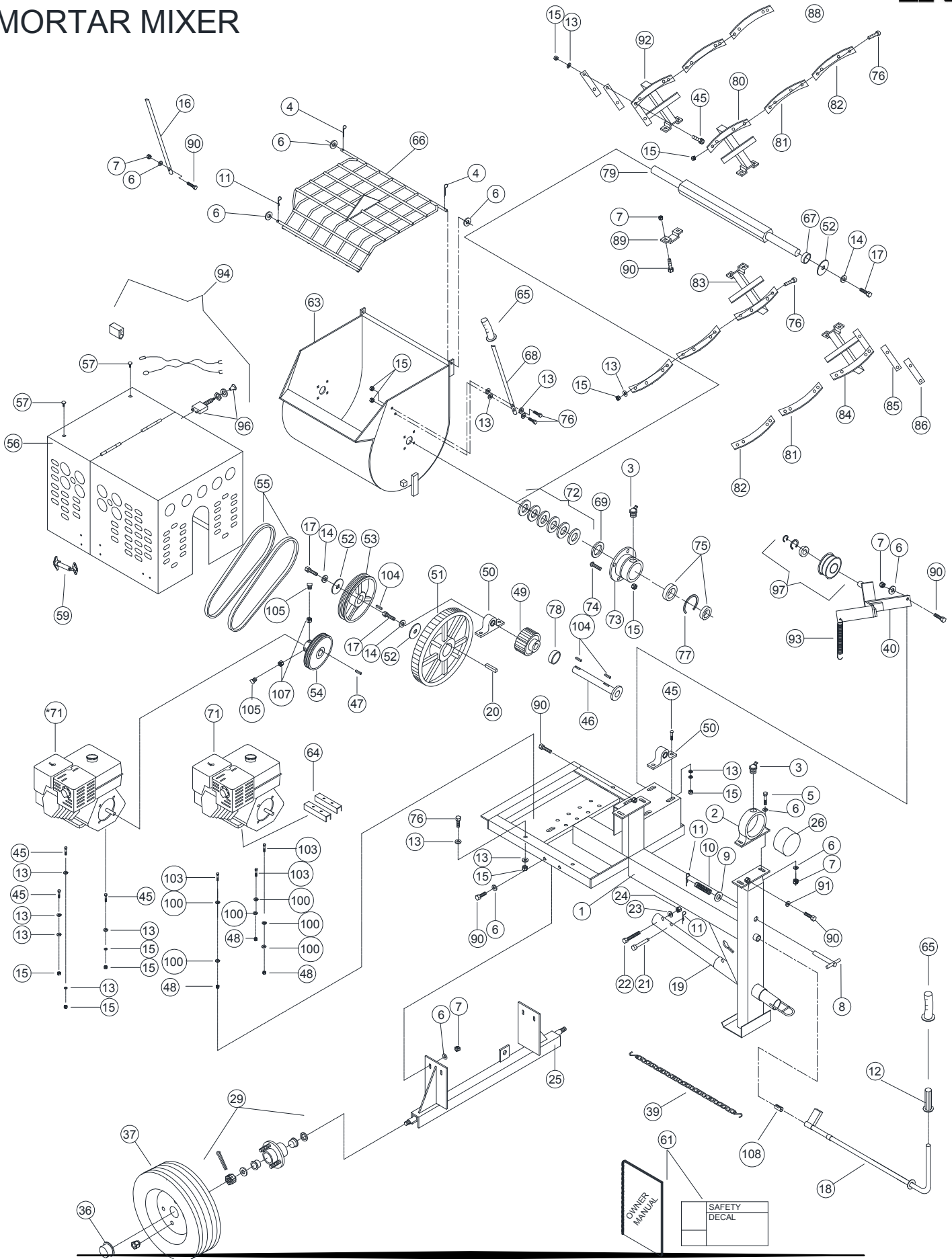
MM80

MM95





MORTAR MIXER



No.	Codigo	Code	Descripción	Description	MM60	MM80	MM95
1	0201CO01CH	T200	Chasis	Frame (starts from sn#4969)	1		
	0202CO01CH	T300	Chasis	Frame		1	
	0203CO01CH	T400	Chasis	Frame			1
2	00CHPI2300	T101	Chumacera tanque 3" PI	Pillow Block	2	2	2
3	0000GRH045	T102	Grasera 45	Fitting, grease 45 deg	4	4	4
4	SC3116200GAL	T111	Chaveta 3/16 x 2"	COTTER PIN, 3/16 X 2	2	2	2
5	TOCD012212	T104	Tornillo Hex 1/2 X 2-1/2	Hex head cap screw 1/2-13 x 2-1/2	4	4	4
6	RNPX012GAL	T105	Rondana Plana 1/2	Plainwasher 1/2	20	20	20
7	TCCS012GAL	T106	Tuerca Seg. 1/2	Locknut, 1/2	17	17	17
8	0200CO01CH	T107	Dedo de Bloqueo	Pin,lock	1	1	1
9	RNPX034GAL	T108	Rondana Plana 3/4	Plainwasher 3/4	1	1	1
10	0000RF01CH	T109	Resorte	Spring	1	1	1
11	SR00036EXT	T110	Seguro R 3/16	Pin, hair	3	3	3
12	0000RF02TQ	T414	Puño infantil	Handle grip small	1	1	1
13	RNPX038GAL	T112	Rondana Plana 3/8	Plainwasher 3/8	64	68	68
14	RNRX038GAL	T113	Rondana Presion 3/8	Lock washer 3/8	3	3	3
15	TCCS038GAL	T114	Tuerca Seg. 3/8	Lock Nut hex 3/8	42	44	44
16	0200SO01RJ	T115	Palanca Rejilla	Handle grid	1	1	1
17	TOCD038100	T116	Tornillo Hex 3/8 X 1 NF	Hex head screw 3/8 x 1NF	3	3	3
18	0200CO01CU	T117	Palanca Accionador MM60-MM80	Control Handle For MM60-MM80	1	1	
	0203CO01CU	T415	Palanca Accionador MM95	Control Handle For MM95			1
19	0000CO01LZ	T118	Lanza Militar Horizontal	HITCH,PINTLE	1	1	1
	0000CO03LZ	T118-V	Lanza Militar vertical	PINTLE HITCH VERTICAL HOLE	1	1	1
	0000CO02LZ	T119	Lanza Cople Bola Horizontal	2" BALL HITCH (OPTIONAL)	1	1	1
	0000CO04LZ	T119-V	Lanza Cople Bola vertical	2"BALL HITCH VERTICAL HOLE	1	1	1
20	0200CC01TR	T120	Cuña 3/8 X 2	Key 3/8 x 2	1	1	1
21	0000CR01LZ	T121	Perno Lanza	Pin, locking	1	1	1
22	TOFD034312	T122	Tornillo NF 3/4 X 3-1/2 NF	Hex head screw 3/4 x 3-1/2 NF	1	1	1
23	RNRX034GAL	T123	Rondana Presion 3/4	Lockwasher 3/4	1	1	1
24	TCCN034GAL	T124	Tuerca 3/4 NF	Nut hex 3/4 NF	1	1	1
25	0200CO01RD	T125	Eje Rodada	Axle	1	1	1
	0200CO02RD	T225-1	Kit Eje Rodada (incluye T129)	Axle assembly (include T129)	1	1	1
26	0000RF02CH	T126	Cubre Polvo Flecha central	Dust cover for paddle shaft (just certain model)	1	1	1
29	0200KI01RD	T129	Masa Rim Completa	Hub, asm, 4 bolt (include T136)	2	2	2
36	0000RF06RD	T136	Cubre Polvo Masa Rim	Cover, dust	2	2	2
37	0000CO01RD	T137	Llanta y Rim	Wheel and tire asm 165-80-R13	2	2	2
	0000CO02RD	T137-12	Llanta y Rim	Wheel and tire asm 4.8X12	2	2	2
39	CA03316GAL	T501	Cadena	Chain	1	1	1
40	0200CO02CU	T140	Clutch	Idler arm	1	1	1
45	TOCD038200	T145	Tornillo 3/8X2	Hex head screw 3/8 x 2	10	10	10
46	0200CR01TR	T146	Flecha Transmision	Transmission Shaft 1" x 7 1/4"	1	1	1
47	0200CU02TR	T147	Cuña 1/4 P/MOTOR 8HP	Key 1/4 8HP & 13HP	1	1	1
	0200CU03TR	T147-1	Cuña 3/16 P/MOTOR 5HP	Key 3/16 5HP	1	1	1
48	TCCS056GAL	T148	Tuerca Seg 5/16	Set Screw 5/16 for 5.5HP	4	4	4
49	0200CR03TR	T149	Piñon 12 Dientes	Pinion 12 Th	1	1	1
50	00CHPI2100	T150	Chumacera Transmision 1" PI	Pillow block bearing 1"	2	2	2
51	0200FG02TR	T151	Engrane 96 Dientes	Gear 96 Th	1	1	1
52	0200PL01FC	T152	Rondana flecha central 3/16	Washer for central shaft 3/16"	3	3	3
53	POFG8001002R	T153	Polea 8"	Pulley 8"	1	1	1
	POFA1201002R	T153-3	Polea 12 2 Ranuras P/ MOTOR ELECTRICO	Pulley 12" 2 groves engine electric	1	1	1



54	POFG3341002R	T154	Polea 3-3/4 para motor de 8HP ajuste de 1"	PULLEY ENGINE 3-3/4" ENGINE 8 H.P.	1	1	1
	POFG3340342R	T154-1	Polea 3-3/4 para motor de 5.5 HP ajuste 3/4"	PULLEY ENGINE 4-1/4" 3 GROOVES	1	1	1
	POFG2120582R	T154-3	Polea de Motor Electrico 2.5 x 5/8" 2Ranuras	PULLEY ELECTRIC ENGINE 2.5 x 5/8" 2groove	1	1	1
	POFG2120782R		Polea de Motor Electrico 2.5 x 7/8" 2Ranuras	PULLEY ELECTRIC ENGINE 2.5 x 7/8" 2groove	1	1	1
	POFG2121182R		Polea de Motor Electrico 2.5 x 1 1/8" 2Ranuras	PULLEY ELECTRIC ENGINE 2.5 x 1 1/8" 2groove	1	1	1
55	0000BNAX37	T155	Bandas A X37	Transmission belt for Honda AX37	2	2	2
	0000BNAX52	T155-1	Bandas para Motor Electrico AX52	Transmission belt for electric engine AX52	2	2	2
56	0200CO01GA	T157	Gabinete	Shroud assembly (black)	1	1	1
57	0000RF01GA	T158	Regaton	Ruber screw	2	2	2
59	0000RF02GA	T160	Gancho Cofre	Hook assembly	2	2	2
61	0000RF03GA	T299	Manual y Calcas	Safety decal with owners manual	1	1	1
63	0201CO01TQ	T164	Tanque MM60	Drum MM60	1		
	0201KI01TQ	T-211	Tanque Completo MM60	Drum assembly complete MM60	1		
	0201CO01TQ	T-211-0	Tanque Completo MM60	Drum assembly complete MM60 (before sn#4000 old style)	1		
	0202CO01TQ	T302	Tanque MM80	Drum MM80		1	
	0202KI01TQ	T212	Tanque Completo MM80	Drum assembly complete MM80		1	
	0203CO01TQ	T402	Tanque MM95	Drum MM95			1
0203KI01TQ	T213	Tanque Completo MM95	Drum assembly complete MM95			1	
64	0201PL01MO	T165	Canaleta para Motor de 5.5 HP	Bracket support	2		
65	0000RF01RJ	T166	Puño	Handle grip	2	2	2
66	0201CO01RJ	T167	Rejilla	Grid	1		
	0202CO01RJ	T303	Rejilla	Grid		1	
	0203CO01RJ	T403	Rejilla	Grid			1
67	0200TU01FC	T413	Buje para flecha central	Bushing main shaft	1	1	1
68	0200CO01TQ	T168	Palanca Tanque	Handle, tilt	1	1	1
69	0200LA01TN	T169	Sello Acero Inoxidable	Steel seal	2	2	2
71	202004M	T171	Motor Honda 5.5	Engine Honda 5.5 h.p.	1		
	202009M	T304	Motor Honda 8	Engine Honda 8.0 h.p.	1	1	1
72	0200KI01TN	T172	Kit de Sellos	Kit, seal mixer (one end)	2	2	2
73	0200CO01TN	T173-2	Trunnion de 4 Barrenos 3/8	Trunnion 4 bolts (3/8") screws	2	2	2
74	TOCL038112	T174	Tornillo Cabeza Coche 3/8 X 1-1/2	Carriage bolt 3/8" x 1-1/2"	8	8	8
75	0000BA20824	T175	Balero 208-24	bearing 208-24	2	2	2
76	TOCD038012	T176	Tornillo 3/8 X 1-1/2	Hex head cap screw 3/8" x 1-1/2"	24	26	26
77	SM00300INT	T177	Seguro Omega 3" Interno	Retaining ring, internal 3"	2	2	2
78	0200CR02TR	T205	Buje 1" X 1-5/8 transmision	Bushing 1" X 1 5/8" Transmission	1	1	1
79	0201CR01CH	T178	Flecha central MM60	Main shaft MM60	1		
	0202CR01CH	T305	Flecha central MM80	Main shaft MM80		1	
	0203CR01CH	T404	Flecha central MM95	Main shaft MM95			1
80	0201CO01AS	T179	Aspa Central Derecha	Paddle center, right	1		
	0201CO06AS	T179-3	Aspa Central Derecha (4 barrenos)	Paddle center, right (four bolt hole)			
	0201KI01AS	T179-1	Set de Aspas Completas para MM60	Complete paddle set for MM60	1		
	0201KI02AS	T179-2	Set de Aspas Completas para MM60(4 barrenos)	Complete paddle set for MM60 (four bolt hole)	1		
	0200CO01AS	T306	Aspa Central Derecha	Paddle center, right (two bolt hole)		1	1
	0200CO04AS	T306-2	Aspa Central Derecha (4 barrenos)	Paddle center, right (four bolt hole)		1	1
	0200KI01AS	T306-1	Set de Aspas Completas MM80-MM95-MM12	Complete paddle set for MM80-MM95-MM12 (two bolt hole)		1	1
0200KI02AS	T306-3	Set de Aspas Completas MM80-MM95-MM12	Complete paddle set for MM80-MM95-MM12 (For bolt hole)		1	1	
81	0201RF01AS	T180	Hule Central (MM60 -MM120)	Blade rubber center (MM60 -MM120)	4	4	4
82	0200SO01AS	T181	Contra Central (MM60 -MM120)	Center blade	4	4	4
83	0202CO01AS	T182	Aspa Central Izquierda	Paddle, center left (two bolt hole)	1		
	0202CO02AS	T182-1	Aspa Central Izquierda	Paddle, center left (four bolt hole)	1		
	0200CO02AS	T308	Aspa Central Izquierda	Paddle, center left		1	1
	0200CO05AS	T308-1	Aspa Central Izquierda	Paddle, center left (four bolt hole)		1	1
84	0201CO02AS	T183	Aspa Lateral Izquierda	Paddle, end left (two bolt hole)	1		

	0201CO04AS	T183-1	Aspa Lateral Izquierda	Paddle, end left (four bolt hole)	1		
	0200SO03AS	T309	Aspa Lateral Izquierda	Paddle, end left (two bolt hole)		1	1
	0200SO04AS	T309-1	Aspa Lateral Izquierda	Paddle, end left (four bolt hole)		1	1
85	0201RF02AS	T184	Hule Lateral	Blade, rubber side MM60	2		
	0200RF02AS	T310	Hule Lateral	Blade, rubber side (MM80 - MM95)		2	2
86	0201SO01AS	T185	Contra Lateral	Blade, wiper side MM60	2		
	0200SO02AS	T311	Contra Lateral	Blade, wiper side (MM80 - MM95)		2	2
88	0200KI03AS	T301		Rubber Blade kit MM8-MM95		1	1
	0201KI03AS	T301-1		Rubber Blade kit MM6	1		
89	0200SO05AS	T188	Abrazadera	Bracket, paddle arm	2	2	2
	0200SO06AS	T188-1	Abrazadera	Bracket, paddle arm (4 bolt)	2	2	2
90	TOCD012134	T189	Tornillo Hex 1/2 X 1-3/4	Hex head cap screw 1/2 x 1 3/4	14	14	14
91	TCCN012GAL	T190	Tuerca 1/2" GALVANIZADA	Nut hex 1/2"	2	2	2
92	0201CO03AS	T191	Aspa Lateral Derecha	Paddle, end right (two bolt hole)	1		
	0201CO05AS	T191-1	Aspa Lateral Derecha	Paddle, end right (four bolt hole)	1		
	0200CO03AS	T314	Aspa Lateral Derecha	Paddle, end right (two bolt hole)		1	1
	0200CO06AS	T314-A	Aspa Lateral Derecha	Paddle, end right (four bolt hole)		1	1
93	0000RF01CU	T192	Resorte Clutch	Spring	1	1	1
94	0200KI01GA	T193	Push Stop Completo	Push stop complete	1	1	1
96	0000RF04GA	T195	Push Stop	Switch	1	1	1
97	0200KI01CU	T197-1	Caja clutch Completa	Complete clutch	1	1	1
100	RNPX056ESP	T198	Rondana Plana 5/16 Esp	Plain washer 5/16 I.D. X 3/4 O.D. for 5.5 hp	8	8	8
103	TOCD056300	T201	Tornillo Hex 5/16 X 3	Hex head screw 5/16" x 3" for 5.5 hp	4	4	4
104	0200CC03TR	T202	Cuña 1/4 X 1-7/8	Key 1/4" x 1 7/8"	3	3	3
105	OPCQ038100	T203	Opresor Set 3/8" X 1	Hex head set screw 3/8" X 1" for 8hp	2	2	2
	OPCQ038114	T203-1	Opresor Set 3/8" X 1 1/4"	Hex head set screw 3/8" x 1 1/4" for 5.5 hp	2		
106	0201KI01ES	T206	Juego Completo de Espirales	Complete steel spiral blade kit	1		
	0202KI01ES	T206-1	Juego Completo de Espirales	Complete steel spiral blade kit		1	
	0203KI01ES	T206-2	Juego Completo de Espirales	Complete steel spiral blade kit			1
107	TCCN038GAL	T410	Tuerca 3/8 NC Hex	Nut, hex 3/8 NC	2	2	2
108	00PE038112	T505	Perno Espiral 3/8 x 1-1/2	Pin locker 3/8 x 1-1/2	1	1	1

* Note: When you order a part please send the serial number of the mixer as a reference.

Manual for the serial number 3A9S25M19E1168023