Operator’s Safety and Service
Concrete Mixer Manual

CM6P / CM7
CM9P / CM9
CM12
# TABLE OF CONTENTS

1. Serial Number Location ................................................................. 3
2. Parts Ordering Procedure ............................................................. 3
3. Operating Instructions .................................................................. 4
4. Safety Precaution ......................................................................... 5
5. Safety Notice & Decals ................................................................. 6
6. Safety Decal Location ................................................................... 7
7. Before Operating ........................................................................... 9
8. Operation Instruction .................................................................... 9
9. Adding Fluids and Towing ............................................................ 10
10. Service Instructions .................................................................... 11
11. Maintenance Schedule ............................................................... 11
12. Replacements ............................................................................. 12
13. Torque Chart ............................................................................. 12
14. Warranty .................................................................................... 13
15. Warehouse Locations ................................................................. 15
16. Additional Notes ......................................................................... 16
17. Parts List Breakdown ................................................................. Attachment
1. SERIAL NUMBER LOCATION

The model/serial number decal is located on the mixer frontal leg.

To be eligible to your Life time warranty on bearings & seals and extended Warranty of 5 years on gearbox units please register your mixer online at https://tkequip.com/warranty/

(Write model number)

(Write serial number)

The unit year of manufacturing can be determined by its serial number. So, keep this information handy at all times, use your unit serial number when ordering parts.

This Unit warranty is stated in this Operational and Safety manual on page 16. 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 must be order from any authorized HONDA dealer, or other if different than HONDA. Refer to the engine owner’s manual to learn about specifications and part identification.

2. PARTS ORDERING PROCEDURE:

Parts must be ordered through your local distributor or online using our partner internet parts dealers. If you can’t locate a local distributor in your area visit us online at www.tkequip.com for information so we can locate the nearest dealer and contact numbers for assistance.

All Dealers are welcome to send us an email to:

service@btmequipment.com or parts@btmequipment.com

All Dealers are welcome to order parts via fax by dialing (956) 462-2500

All Dealers are welcome to order parts by dialing our Tool Free# (956) 796-9411

All HONDA warranties and parts ordering must be through a Honda dealer. Please visit https://engines.honda.com/dealer-locator for more information.
REMEMBER – You own the best Mixer. If repairs are needed use only OEM purchased parts from authorized distributors.

ALWAYS HAVE READY:

1. Dealer Account number
2. Dealer Name and Address
3. Shipping address and method of shipping if different than billing address.
4. Applicable model and serial number of machine(s).
5. Item part number(s), description, and quantity.

3. OPERATING INSTRUCTIONS

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

ASSEMBLY INSTRUCTIONS (IF MIXER STANDING ON END)

1. Remove the mixer and all components from its shipping crate. You will see:
   - (2) Rim and tire assemblies.
   - (1) Axle assembly with hubs on each side, (2) mounting U-bolts.
   - (1) Selected hitch with (1) ¾ screw w bolt & (1) safety bolt & (1) hair pins.

   Note: All installation hardware must be inserted into its respective location on the mixer, reference parts breakdown for more details if needed.

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 these bolts are removed.

3. Lift the axle up to the mixer frame and position it in the center of the mixer make sure the axle guides are inside the mounting U-bolts (both sides) before you hook the axle on the mixer’s springs (CM9/CM12) or mixer frame (CM7) and bolt the mounting loops.

4. Insert (2) 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 to 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 #5.
7. 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.**
8. Adjust the safety chain through the key slots in the front leg. Adjust the chain’s ends to equal length.
9. Remove the safety bolt and pin from the tow bar.
10. Install the selected tow bar through the frontal leg.
11. Insert the pin through the front leg and the front hole in the tow bar. Secure the pin with a hairpin cotter.
12. 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.

IT IS THE OPERATOR'S RESPONSIBILITY TO OPERATE OUR MACHINES ONLY WHEN WEARING THE PROPER PROTECTION RECOMMENDED BY THE OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION. HARM OR DEATH BY INHALING PARTICLES OR OTHER PHYSICAL INJURY MAY OCCUR IF THIS MACHINE IS OPERATED WITHOUT USING THE PROPER SAFETY GEAR, OR FOLLOWING THE APPROPRIATE PROCEDURES IN THIS MANUAL.

![Warning]

www.P65warnings.ca.gov

Engine exhaust and some of its constituents, and some dust created of California to cause cancer, birth defects and other reproductive harm by power sanding, sawing, grinding, drilling and other construction activities contains chemicals known to the State.

Some examples of these chemicals are:
- Lead from lead-based paints.
- Crystalline silica from bricks.
- Cement and other masonry products.
- Arsenic and chromium from chemically treated lumber.

Your risk from these exposures varies, depending on how often you do this type of work. To reduce your exposure to these chemicals: ALWAYS work in a well-ventilated area, and work with approved safety equipment, such as dust masks that are specially designed to filter out microscopic particles.

040620
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
Breaker less 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.

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 danger’s present near equipment. If you are operating this unit it is your responsibility to ensure 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
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.

WARNING

ROTATING PART HAZARD
KEEP AWAY
TO PREVENT SERIOUS INJURY OR DEATH ROTATING PARTS:
1. INSTALL, CLOSE AND SECURE ALL GUARDS, SHIELDS AND HOODS BEFORE OPERATING.
2. DO NOT PLACE HANDS IN DRUM UNLESS THE MOTOR OR ENGINE IS OFF AND THE POWER CORD UNPLUGGED OR THE KILL SWITCH ACTIVATED.
3. KEEP HANDS, FEET, HAIR AND LOOSE CLOTHES AWAY FROM MOVING PARTS.

WARNING

MISSING GUARD HAZARD
INSTALL, CLOSE AND SECURE ALL GUARDS, SHIELDS AND HOODS BEFORE OPERATING.

WARNING

EXCESSIVE TOWING SPEED CAN CAUSE SERIOUS INJURIES OR DEATH.
DO NOT EXCEED 45 MI/HR. (73 KM/HR.)

• BE CERTAIN THAT THE WHEEL LUG NUTS AND AXLE MOUNTING HARDWARE ARE TIGHTENED.
• CHECK PRESSURE AND OVERALL CONDITIONS OF TIRES.

WARNING

ELECTROCUTION HAZARD

1. TURN MACHINE OFF, SIT DOWN AND LOSE ALL METALLIC CONTACTS TO ELECTRIC MOTORS.
2. USE PERSONAL ELECTRIC BRAKE PLUG AND STOP TOWING VEHICLE.
3. DO NOT OPERATE MACHINE OR ELECTRICAL COMPONENTS WITHOUT PERSONAL ELECTRIC BRAKE PLUG ACTIVATED.

NOTICE

• ENSURE THE VEHICLE HAS TOWING CAPACITY FOR THE WEIGHT OF THIS MACHINE.
• DO NOT TOW MACHINE UNLESS THE DRAW BAR IS BOLTED IN PLACE AND THE SAFETY PIN IS SECURELY FASTENED.
• CLOSE ENGINE FUEL CUTOFF BEFORE TOWING MIXER TO PREVENT LEAKING OIL INTO ENGINE CRANKCASE.
• 2-PERSON LIFT PER UNIT TO POSITION MIXER HITCH.
• SECURELY ATTACH HITCH TO TOW VEHICLE. ENSURE USE OF SAFETY PIN THROUGH LATCH OR HANDWHEEL FOR BALL TYPE HITCH.
• SAFETY CHAIN ATTACHMENT (SEE PICTURE) MUST CROSS UNDER THE DRAW BAR AND BE POSITIONED TO PREVENT THE DRAW BAR FROM DROPPING TO THE GROUND IN THE EVENT OF HITCH FAILURE.
• CONNECT LIGHTING PLUG/ELECTRIC BRAKE PLUG (WHEN APPLICABLE)
• MAKE CERTAIN THAT THE WHEEL LUG NUTS AND AXLE MOUNT HARDWARE IS TIGHTENED.
• CHECK PRESSURE AND OVERALL CONDITION OF TIRES.
• TEST BREAKS (IF APPLICABLE)

DANGER

N TOWING, ENSURE THE VEHICLE HAS TOWING CAPACITY FOR THE WEIGHT OF THIS MACHINE.

• DO NOT TOW MACHINE UNLESS THE DRAW BAR IS BOLTED IN PLACE AND THE SAFETY PIN IS SECURELY FASTENED.
• CLOSE ENGINE FUEL CUTOFF BEFORE TOWING MIXER TO PREVENT LEAKING OIL INTO ENGINE CRANKCASE.
• 2-PERSON LIFT PER UNIT TO POSITION MIXER HITCH.
• SECURELY ATTACH HITCH TO TOW VEHICLE. ENSURE USE OF SAFETY PIN THROUGH LATCH OR HANDWHEEL FOR BALL TYPE HITCH.
• SAFETY CHAIN ATTACHMENT (SEE PICTURE) MUST CROSS UNDER THE DRAW BAR AND BE POSITIONED TO PREVENT THE DRAW BAR FROM DROPPING TO THE GROUND IN THE EVENT OF HITCH FAILURE.
• CONNECT LIGHTING PLUG/ELECTRIC BRAKE PLUG (WHEN APPLICABLE)
• MAKE CERTAIN THAT THE WHEEL LUG NUTS AND AXLE MOUNT HARDWARE IS TIGHTENED.
• CHECK PRESSURE AND OVERALL CONDITION OF TIRES.
• TEST BREAKS (IF APPLICABLE)

USE GASOLINE FUEL ONLY

EMERGENCY STOP
PUSH TO STOP

2010152
201001
201150
201003
6. SAFETY DECAL LOCATION

**WARNING**
- 1. Read and understand operator's manual and safety signs before starting.
- 2. Stop engine, disconnect spark plug wire and wait for all moving parts to stop before servicing, maintaining, adjusting or cleaning.
- 3. Keep hands, feet, hair or clothing away from moving parts.
- 4. Install, close and secure all guards, shields and hoods before operating.
- 5. Do not place hands in the drum unless engine is off and spark plug is disconnected or motor is off and power cord is unplugged.
- 6. Stay away from hot engine components during operation.
- 7. Have a licensed electrician wire up electric motors.
- 8. Do not smoke when refueling.
- 9. Use power cord with required capacity to carry power to electrical motor.
- 10. Follow good safety procedures when handling fuel.
- 11. Route the power cord out of the way & protect it from damage.
- 12. Do not operate in an explosive atmosphere or a poorly ventilated area without adequate ventilation.
- 13. Keep working area dry and clean to prevent slipping and tripping.
- 15. Comply with applicable transporting regulations when towing.
- 16. Do not allow riders during transporting.
- 17. Do not exceed a safety travel speed when transporting. Slow down for corners and when going over rough terrain.
- 18. Excessive towing speed can cause serious injuries or death. Do not exceed 45 mi/hr. (73 km/hr.)
- 19. Be certain that the wheel lug nuts and axle mounting hardware are tightened.
- 20. Check pressure and overall conditions of tires.

**Notice**
- Ensure the vehicle's towing capacity for the weight of the equipment.
- Test the brakes before each trip to ensure they function in place and the safety pin is securely fastened.
- Clamp engine and motor mounts to prevent unlatching in event of engine/braking.
- Tongue lift is the unit is position on vehicle.
- Connect the electrical wiring to the equipment.
- Connect the harness plug to the electrical harness plug on equipment.
- Release the tongue lock.
- Make certain the drawbar is in the middle position.

**Caution**
- When towing, ensure drawbar is in the middle position.
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 – Mixer engines require an automotive grade of clean, fresh, unleaded or regular gasoline. All mixers come WITHOUT gasoline, oil or any other fluid.
• 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 wipers and make sure they are adjusted to about 3/16" interference with the drum. This is mandatory after installing rubber blades on the paddles. Wipers can be adjusted at a desired position.

8. OPERATION INSTRUCTIONS

Prior to starting engine, make sure the mixer drum is locked to avoid mixer to flip over.

Check 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 to warm engine)
5. Pull the starter string.

Check Electric motor

1. Plug the motor into a suitable power source according to the motor specs.
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. Position drum at desired position before shoveling material inside the drum.
4. Follow the bag instruction if using a premix mix to get the desired consistency.
5. After discharging the final batch of mix, add water to the drum while the mixer is running. Discharge the water after to clean excess material.
6. Additional cleaning may be needed.

9. ADDING FLUIDS & TOWING

GAS ENGINE

1. Make sure drum is locked.
2. Pull off the engine stop switch on the engine shroud.
3. Close the fuel valve.
4. Add oil to continue operation / Drain oil if need oil change.
5. Add gasoline if needed.

STOP THE ENGINE OR ELECTRIC MOTOR BEFORE:

1. Adding fuel/Oil.
2. Leaving equipment unattended for any amount of time.
3. Making any repairs or adjustments to the unit.
4. Transportation.

BEFORE TOWING:

1. Make sure the axle, wheels and tow bar hardware are tightened.
2. Check the condition of the pin on the tow bar and make sure it is secured.
3. Remove any loose debris from the mixer.
4. Use safety chains when towing.

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.

**MAXIMUM TOW SPEED: 45 mph (72 Km/h)**
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. If lost please visit https://engines.honda.com/parts-and-support/owners-manuals for more information.

DRUM
1. Wash the drum after every day’s usage.
2. Tip the drum forward to drain water excess.
3. Leave mixer drum facing down to avoid rain water, snow, dust or any other weather particles to get inside the mixer drum when not in use.
4. Secure with locking pin before moving mixer for towing or storing.

LUBRICATION
1. Grease all fittings daily. All mixers have (2) pillow blocks with grease fittings on the mixer yoke, and (1) bearing on the outside bottom of the mixer drum.

11. MAINTENANCE SCHEDULE

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

1. Check all hardware after the first 5 hours of use, the 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**

**V-Belts**

✓ Refer to your engine manufacturer’s Owner’s Manual
✓ Replace if stretched to the point that the idler does not work properly. Replace the V-belts if they are cracked or torn.
✓ Replace if the teeth are cracked or have become sharp.
✓ 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.
✓ Replace if they become aged, damaged or cannot be easily read.

**Gears**

**Hardware**

**Safety Decals**

13. TORQUE CHART

APPROXIMATE TIGHTENING TORQUE

<table>
<thead>
<tr>
<th>SIZE</th>
<th>GRADE 2</th>
<th>GRADE 5</th>
<th>GRADE 8</th>
</tr>
</thead>
<tbody>
<tr>
<td># 10-24</td>
<td>21 in-lbs</td>
<td>32 in-lbs</td>
<td>45 in-lbs</td>
</tr>
<tr>
<td># 10-32</td>
<td>23 in-lbs</td>
<td>36 in-lbs</td>
<td>51 in-lbs</td>
</tr>
<tr>
<td>1/4-20</td>
<td>49 in-lbs</td>
<td>76 in-lbs</td>
<td>9 in-lbs</td>
</tr>
<tr>
<td>1/4-28</td>
<td>56 in-lbs</td>
<td>87 in-lbs</td>
<td>10 in-lbs</td>
</tr>
<tr>
<td>5/16-18</td>
<td>8 in-lbs</td>
<td>13 in-lbs</td>
<td>18 in-lbs</td>
</tr>
<tr>
<td>5/16-24</td>
<td>9 in-lbs</td>
<td>14 in-lbs</td>
<td>20 in-lbs</td>
</tr>
<tr>
<td>3/8-16</td>
<td>15 in-lbs</td>
<td>23 in-lbs</td>
<td>33 in-lbs</td>
</tr>
<tr>
<td>3/8-24</td>
<td>17 in-lbs</td>
<td>26 in-lbs</td>
<td>37 in-lbs</td>
</tr>
<tr>
<td>7/16-14</td>
<td>24 in-lbs</td>
<td>37 in-lbs</td>
<td>52 in-lbs</td>
</tr>
<tr>
<td>7/16-20</td>
<td>27 in-lbs</td>
<td>41 in-lbs</td>
<td>58 in-lbs</td>
</tr>
<tr>
<td>1/2-13</td>
<td>37 in-lbs</td>
<td>57 in-lbs</td>
<td>80 in-lbs</td>
</tr>
<tr>
<td>1/2-20</td>
<td>41 in-lbs</td>
<td>64 in-lbs</td>
<td>90 in-lbs</td>
</tr>
<tr>
<td>9/16-12</td>
<td>53 in-lbs</td>
<td>82 in-lbs</td>
<td>115 in-lbs</td>
</tr>
<tr>
<td>9/16-18</td>
<td>59 in-lbs</td>
<td>82 in-lbs</td>
<td>129 in-lbs</td>
</tr>
<tr>
<td>5/8-11</td>
<td>73 in-lbs</td>
<td>112 in-lbs</td>
<td>159 in-lbs</td>
</tr>
<tr>
<td>5/8-18</td>
<td>83 in-lbs</td>
<td>112 in-lbs</td>
<td>180 in-lbs</td>
</tr>
<tr>
<td>3/4-10</td>
<td>129 in-lbs</td>
<td>223 in-lbs</td>
<td>282 in-lbs</td>
</tr>
<tr>
<td>3/4-16</td>
<td>144 in-lbs</td>
<td>200 in-lbs</td>
<td>315 in-lbs</td>
</tr>
<tr>
<td>7/8-9</td>
<td>125 in-lbs</td>
<td>322 in-lbs</td>
<td>454 in-lbs</td>
</tr>
<tr>
<td>7/8-14</td>
<td>138 in-lbs</td>
<td>355 in-lbs</td>
<td>501 in-lbs</td>
</tr>
<tr>
<td>1-8</td>
<td>188 ft-lbs</td>
<td>483 ft-lbs</td>
<td>682 ft-lbs</td>
</tr>
<tr>
<td>1-12</td>
<td>205 ft-lbs</td>
<td>529 ft-lbs</td>
<td>746 ft-lbs</td>
</tr>
<tr>
<td>1-14</td>
<td>210 ft-lbs</td>
<td>541 ft-lbs</td>
<td>764 ft-lbs</td>
</tr>
<tr>
<td>1-1/8-7</td>
<td>266 ft-lbs</td>
<td>596 ft-lbs</td>
<td>966 ft-lbs</td>
</tr>
<tr>
<td>1-1/8-12</td>
<td>297 ft-lbs</td>
<td>668 ft-lbs</td>
<td>1083 ft-lbs</td>
</tr>
<tr>
<td>1-1/4-7</td>
<td>375 ft-lbs</td>
<td>840 ft-lbs</td>
<td>1363 ft-lbs</td>
</tr>
<tr>
<td>1-1/4-12</td>
<td>415 ft-lbs</td>
<td>930 ft-lbs</td>
<td>1509 ft-lbs</td>
</tr>
<tr>
<td>1-3/8-6</td>
<td>491 ft-lbs</td>
<td>1102 ft-lbs</td>
<td>1787 ft-lbs</td>
</tr>
<tr>
<td>1-3/8-12</td>
<td>559 ft-lbs</td>
<td>1254 ft-lbs</td>
<td>2034 ft-lbs</td>
</tr>
<tr>
<td>1-1/2-6</td>
<td>652 ft-lbs</td>
<td>1462 ft-lbs</td>
<td>2371 ft-lbs</td>
</tr>
<tr>
<td>1-1/2-12</td>
<td>734 ft-lbs</td>
<td>1645 ft-lbs</td>
<td>2668 ft-lbs</td>
</tr>
<tr>
<td>M 6</td>
<td>3 ft-lbs</td>
<td>4 ft-lbs</td>
<td>7 ft-lbs</td>
</tr>
<tr>
<td>M 8</td>
<td>6 ft-lbs</td>
<td>10 ft-lbs</td>
<td>18 ft-lbs</td>
</tr>
<tr>
<td>M 10</td>
<td>10 ft-lbs</td>
<td>20 ft-lbs</td>
<td>30 ft-lbs</td>
</tr>
</tbody>
</table>

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
15. WARRANTY

THIS IS YOUR WARRANTY – PLEASE READ AND SAVE

1. Before you use your machine please register your machine at https://tkequip.com/warranty/
2. TK Equip warrants each new machine against any manufacturing defect in material and workmanship under normal use and service for a period of (1) one year. Warranty period begins on first day of use by end user. This first day of use is established by the date of a completed warranty card registration online.
3. We do not warranty engines. Engine warranty claims should be made directly to an authorized service center for the particular engine manufacturer. (Please see your engine manual for more details)
4. We reserve the choice to repair or replace. Parts such as engines, motors, pumps, valves, etc. furnished by our equipment but not manufactured by us. These parts will only carry the warranty of their original manufacturer except in special situations as decided upon by our representatives. Warranty claims should be reported immediately, continued use of the machine after a failure could result in additional damage and excessive wear not covered under the warranty terms.
5. Our mixers come with a Life time warranty on Bearings & Seals. The obligation under this warranty is limited to the replacement of parts at your local dealer branch or on an authorized distributor. To access this lifetime warranty Mixer must be registered online once is purchased, otherwise we reserve the choice of authorization this warranty.
6. 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 our operation procedures, will void this warranty policy. This warranty shall not apply to machines repaired by other than authorized dealer or distributors.
7. The cost of shipping and down time and other expenses related are not covered by this warranty.
8. Written authorization for the return of merchandise under warranty must be obtain from a member of our customer service. All equipment & parts returned may be sent with a signed RGA (Return Goods Authorization) for its follow up.
9. We reserve the right to inspect and render the final decision on each warranty case.
10. We reserve the right to improve or make product changes without incurring any obligation to update, refit or install on machines previously sold.
11. We are not responsible for any liability, damage or injury directly or indirectly from the design, material or operation of its product. It is the operator’s responsibility to operate our machines only when wearing the proper protection recommended by the Occupational Safety and Health Administration. Harm or death by inhaling particles or other physical injury may occur if this machine is operated without using the proper safety gear, or following the appropriate procedures in this manual.
12. The detailed warranty letter or email must be returned to us within 10 days after purchase/acquired, for a first use failure warranty claim.
13. Warranty request must be submitted in written within 30 days after machine failure to any of our customer service representative.
14. THE FOREIGN WARRANTY IS EXPRESSLY IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING THE WARRANTIES OF MERCHANTABILITY AND FITNESS FOR USE AND OF ALL OTHER OBLIGATION OR LIABILITIES ON OUR PART, AND WE NEITHER ASSUME NOR AUTHORIZE AINES, MOTOR AND THEIR COMPONENTS. NY OTHE RPERSON TO ASSUME FOR US ANY OF OUR PRODUCTS. LIKewise, THIS WARRANTY.
**TK Equipment, Inc.**  
**Lifetime Limited Warranty Application**

This warranty application must be filled in by the dealer/distributor at the time of the sale. Please Print

<table>
<thead>
<tr>
<th>Control #: ___________ (Dealer’s internal #)</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>TK Equipment Product Purchased at: _______________________________</th>
<th>Phone (<em><strong><strong><strong>)</strong></strong></strong></em>___</th>
</tr>
</thead>
<tbody>
<tr>
<td>Street Address: _________________________________________________</td>
<td></td>
</tr>
<tr>
<td>City: ___________________________ State: _______ Zip: ___________</td>
<td></td>
</tr>
<tr>
<td>Model No.: ___________________________ Customer Invoice: ___________ Date: <strong>/</strong><em>/</em>__</td>
<td></td>
</tr>
<tr>
<td>16 DIGIT Serial No.: ___________________________</td>
<td></td>
</tr>
<tr>
<td>Customer Name: ___________________________ Phone: (<em><strong><strong><strong>)</strong></strong></strong></em>___</td>
<td></td>
</tr>
<tr>
<td>Street Address: ________________________________________________</td>
<td></td>
</tr>
<tr>
<td>City: ___________________________ State: _______ Zip: ___________</td>
<td></td>
</tr>
</tbody>
</table>

| Representative Signature: _________________________________________ Date: __/___/___ |
| --- | --- |
| Equipment’s Owner Signature ______________________________________ Date: __/___/___ |
| Additional Notes: ___________________________ ___________________________ |  |  |  |

---

**NOTE:** To Register our unit, please send a copy by email to service@btmequipment.com or by fax to (956) 462-2500
15. CONTACT US

We are at your service

We have 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 nearest distributor contact our sales branch listed below so we can point you in the right direction.

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

CONTACT BY E-MAIL

SALES
sales@tkequip.com

PARTS & SERVICE
parts@btmequipment.com
service@btmequipment.com

ACCOUNTING
accounting@btmequipment.com
accounts@btmequipment.com

SALES MANAGER
Octavio Chavez
Sales Manager
manager@tkequip.com

www.tkequip.com
16. ADDITIONAL NOTES:

____________________________________________________________________
____________________________________________________________________
____________________________________________________________________
____________________________________________________________________
____________________________________________________________________
____________________________________________________________________
____________________________________________________________________
____________________________________________________________________
____________________________________________________________________
____________________________________________________________________
____________________________________________________________________
____________________________________________________________________
____________________________________________________________________
____________________________________________________________________
____________________________________________________________________
____________________________________________________________________
____________________________________________________________________
____________________________________________________________________
____________________________________________________________________
____________________________________________________________________
____________________________________________________________________