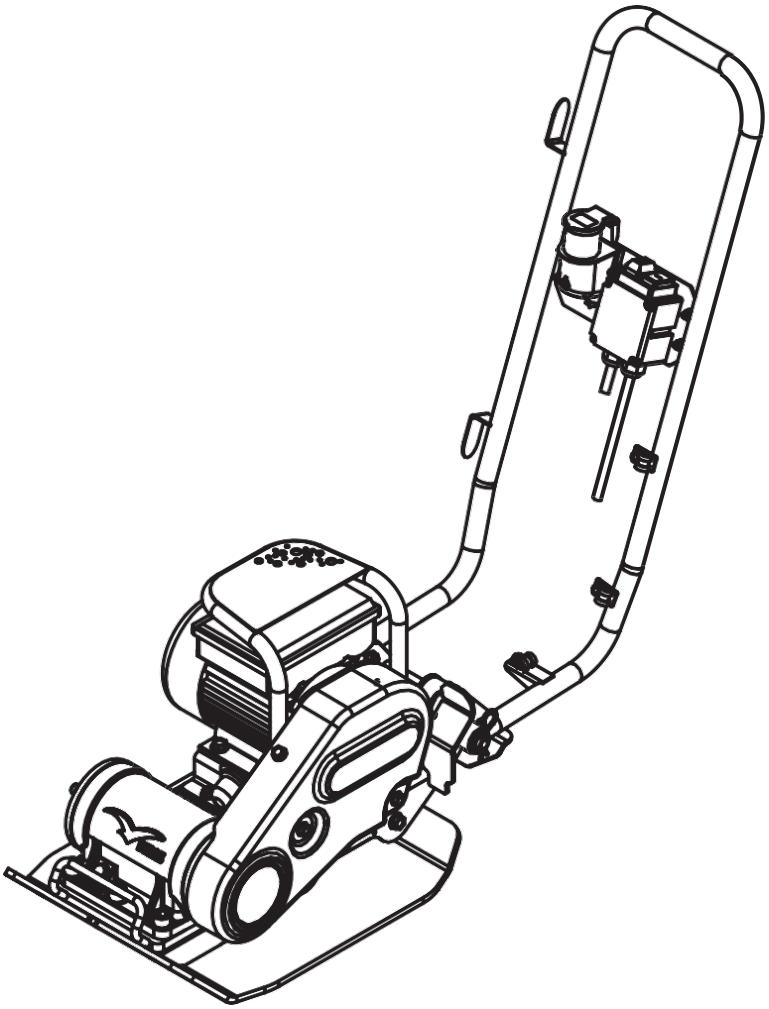
TOMAHAWK

eJXPC50
ELECTRIC PLATE COMPACTOR

Operations Manual



1 YEAR WARRANTY

SCAN FOR ASSEMBLY GUIDE

HOW TO VIDEOS, MANUALS, COMPACTION GUIDES, & MORE

Table of Contents

Register Your Equipment

Thank you for purchasing TOMAHAWK equipment! Your product is covered by the TOMAHAWK Warranty policy, but in order to activate your warranty, we need you to register your product. In addition to activating your equipment warranty, product registration will grant you access to important product updates, streamlined customer service and more.

INCLUDED WITH YOUR REGISTRATION

- ☑ Equipment Warranty Activation
- ☑ Product Updates
- ☑ Streamlined Customer Service
- ☑ Excusive Discounts and Sales

STEPS TO REGISTER YOUR EQUIPMENT

1. Visit www.tomahawk-power.com
2. Choose “Product Registration” at the bottom of the page
3. Enter your equipment’s serial number to get started
4. Provide all required information
5. Submit Registration

Equipment Resources

Tomahawk Customer Service doesn’t stop at checkout. We understand to keep a job-site running smoothly - the proper equipment, spare parts, instruction manuals, and more are needed at the drop of a hat. Visit ***www.tomahawk-power.com*** to gain access to the incredible resources below.

How To Video Library

More of a visual person? Visit our Video Library for equipment assembly instructions, troubleshooting tips, and more!
Found on each product listing or the Service Videos Page

Manual and Assembly Guide Library

Visit our Manual Library if you are looking for a lost operations manual or a particular spare part?
Found on each product listing or the Tomahawk Manuals Page

Service Requests

In need of a quick fix or a service center referral? Submit a Service Request and a Tomahawk Technician will respond shortly to get you the help you need.
Choose “Service Request” at the bottom of www.tomahawk-power.com

This manual provides information and procedures to safely operate and maintain this model. For your own safety and protection from injury, carefully read, understand and observe the safety instructions described in this manual.

Keep this manual or a copy of it with the machine. If you lose this manual or need an additional copy, please contact Tomahawk Power LLC or visit www.tomahawk-power.com This machine is built with user safety in mind; however, it can present hazards if improperly operated and serviced. Follow operating instructions carefully. If you have questions about operating or servicing this equipment, please contact Tomahawk Power.

The information contained in this manual is based on machines in production at the time of publication. Tomahawk Power reserves the right to change any portion of this information without notice.

1. Safety Information

This manual contains DANGER, WARNING, CAUTION, and NOTE callouts which must be followed to reduce the possibility of personal injury, damage to the equipment, or improper service.

This is the safety alert symbol. It is used to alert you to potential personal injury hazards. Obey all safety messages that follow this symbol to avoid possible injury or death.

DANGER indicates an imminently hazardous situation which, if not avoided, will result in death or serious injury.

WARNING indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.

CAUTION indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury.

1.1 Fire Safety

If your machine catches fire, turn off the electric supply. Using a dry powder or C02 fire extinguisher, put out the fire. If the fire cannot be put out, keep away and call the fire departement. If you are in any doubt about the safety condition of your machine, please consult Tomahawk Power.

1.2 Operating Safety

Familiarity and proper training are required for the safe operation of equipment! Equipment operated improperly or by untrained personnel can be dangerous! Read the operating instructions contained in both this manual and the engine manual and familiarize yourself with the location and proper use of all controls. Inexperienced operators should receive instruction from someone familiar with the equipment before being allowed to operate the machine.

1.2.1 NEVER allow anyone to operate this equipment without proper training. People operating this equipment must be familiar with the risks and hazards associated with it.
1.2.2 NEVER use accessories or attachments for this equipment, which are not recommended by TOMAHAWK POWER. Damage to the rammer and/or injury to user may occur.
1.2.3 NEVER leave machine running unattended.
1.2.4 ALWAYS be sure operator is familiar with proper safety precautions and operation techniques before using machine.
1.2.5 ALWAYS wear hearing protection when operating equipment.
1.2.6 ALWAYS wear protective clothing appropriate to the job site when operating equipment.
1.2.7 ALWAYS wear hearing protection when operating equipment.
1.2.8 ALWAYS store equipment properly when it is not being used. Equipment should be stored in a clean, dry location out of the reach of children.
1.2.9 ALWAYS operate machine with all safety devices and guards in place and in working order. **DO NOT** modify or remove safety devices. **DO NOT** operate machine if any safety devices or guards are missing or inoperative.
1.2.10 ALWAYS read, understand, and follow procedures in Operator's Manual before attempting to operate equipment.

1.3 Service Safety

WARNING

For your own personal protection and for the safety of those around you, please read and ensure you fully understand the following safety information. It is the responsibility of the operator to ensure that he/she fully understands how to operate this equipment safely. If you are unsure about the safe and correct use of the eJXPC50 Plate Compactor, consult your supervisor.

1.3.1 DO NOT attempt to clean or service machine while it is running. Rotating parts can cause severe injury.
1.3.2 ALWAYS replace worn or damaged components with spare parts designed and recommended by Tomahawk Power.
1.3.3 ALWAYS keep machine clean and labels legible. Replace all missing and hard-to-read labels. Labels provide important operating instructions and warn of dangers and hazards.
1.3.4 This equipment is heavy and must not be lifted single-handedly. Must be listed with two people or use suitable lifting equipment.
1.3.5 Cordon off the work area and keep members of the public and unauthorized personnel at a safe distance.
1.3.6 Personal Protective Equipment (PPE) must be worn by the operator whenever this equipment is being used.
1.3.7 Make sure you know how to safely switch this machine OFF before you switch it ON in case you get into diffculty.
1.3.8 Always switch OFF and unplug the motor before transporting, moving it around the site, or servicing it.
1.3.9 During use, the motor becomes very hot, allow the motor to cool before touching it. Never leave the motor running and/or unattended.
1.3.10 NEVER remove or tamper with any guards fitted, they are there for your protection. Always check that guards are in proper condition, if any are damaged or missing, **DO NOT USE THE MACHINE** until the guard has been replaced or repaired.
1.3.11 NEVER pull or guide the machine using the cable and never pull on the cable to diconnect the plug.
1.3.12 DO NOT operate the machine when you are ill, feeling tired, or when under the influence of alcohol or drugs.
1.3.13 Ensure that any trailing cable is protected against damage and not liable to be tripped over or trapped underneath the machine.
1.3.14 DO NOT use the Motor Guard as a Lifting Point.
1.3.15 DO NOT Jet Wash the machine as this could result in serious injury or even death!
1.3.16 DO NOT use this machine in wet conditions. The electrical components of the machine **NEVER** be exposed to water or liquid of any kind as this could result in serious injury or even death!

1.4 Electric Motors

All portable electric appliances are dangerous if abused. This machine will only operate on one voltage. Check the power supply to ensure it corresponds to the voltage as stamped on the motor. Make sure that the motor is switched OFF before you plug it into the power supply.

When using a portable transformer it must have a minimum output of 3.3kw and be continuously rated. The symbols on the ON/OFF switch are 0=OFF and I=ON in accordance with international standards.

DO NOT use an extension cable between the transformer and the power supply. Always ensure that the cable between the 120v machine and transformer is a minimum length of 10ft. Ensure cable is fitted with cable clip to the operating handle at all times.

1.5 Plugs

The eJXPC50 Plate Compactor is intended for DIY or site usage, the following plug types are supplied/fitted to the product: 15 amp rated 120 volt plug type.

THIS PRODUCT MUST BE GROUNDED
IMPORTANT: The wires in the mains lead are colored in accordance with the following code:

GREEN / YELLOW = GROUND, BLUE = NEUTRAL, BROWN = LIVE

The wire which is colored Green and Yellow must be connected to the terminal in the plug marked E or colored Green and Yellow. The wire which is colored Brown must be connected to the terminal in the plug marked L or colored Red. The wire which is colored Blue must be connected to the terminal in the plug marked N or colored Black. Always ensure before connecting to the supply that the supply voltage is the same as the rated voltage marked on the motor

1.6 Extension Cables

If you need to use an extension cable it must be no longer than 25 metres (82 feet) in length. The wire section must be 2.5mm2 on 240v and 2.5mm2 on 120v. Ensure that the extension cable is carefully laid out avoiding liquids, sharp edges and places where vehicles might run over it. Avoid allowing the extension cable to be trapped underneath the plate compactor. Unroll it fully or it will overheat and could catch fire. Make sure that any extension cable connections are dry and safe.

1.7 NVR - No Volt Release

The motors which are fitted to the machine are fitted with a NVR (No Volt Release) Switch. This mean that if the power fails, the motor will not automatically restart when the power is restored. The machine will need to be manually restarted.

1.8 Health and Safety

1.8.1 Vibration

Some vibration from the compacting operation is transmitted through the handle to the operator's hands. Refer to specifications & technical data for vibration levels and usage times (recommended maximum daily exposure time). DO NOT exceed the maximum usage times.

1.8.2 PPE (Personal Protective Equipment)

Suitable PPE must be worn when using this equipment i.e. Safety Goggles, Gloves, Ear Protection, Dust Mask, and Steel Toe capped footwear (with anti-slip soles for added protection). Wear clothing suitable for the work you are doing. Always protect skin from contact with concrete.

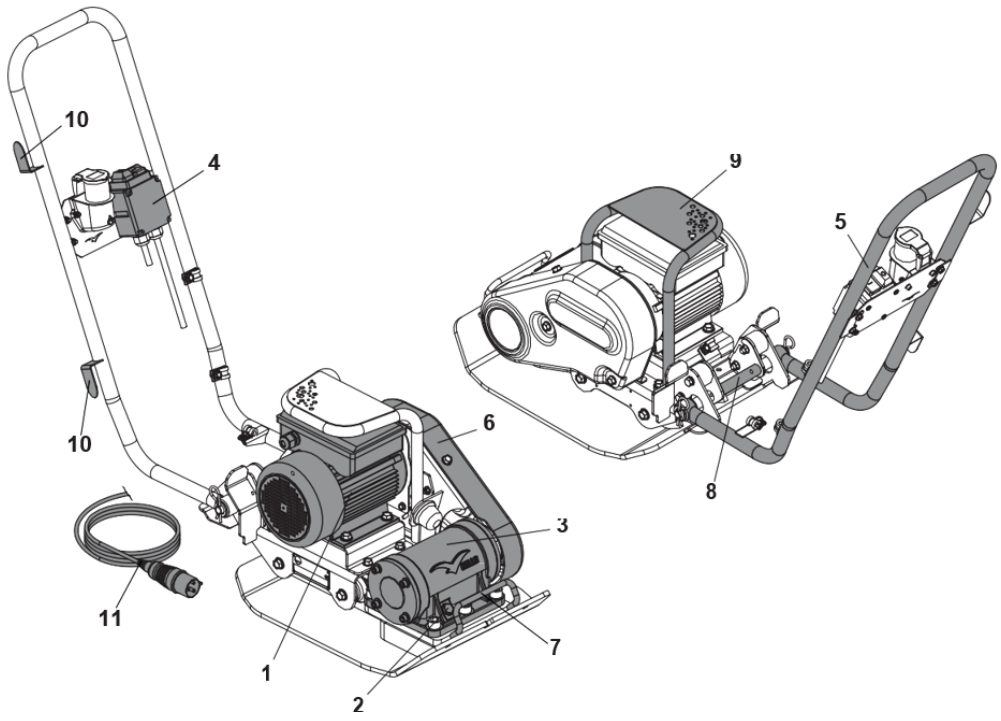
1.8.3 Dust

The compaction process can produce dust, which may be hazardous to your health. Always wear a mask that is suited to the type of dust being produced.

2. EQUIPMENT DATA

2.1 Product Diagram

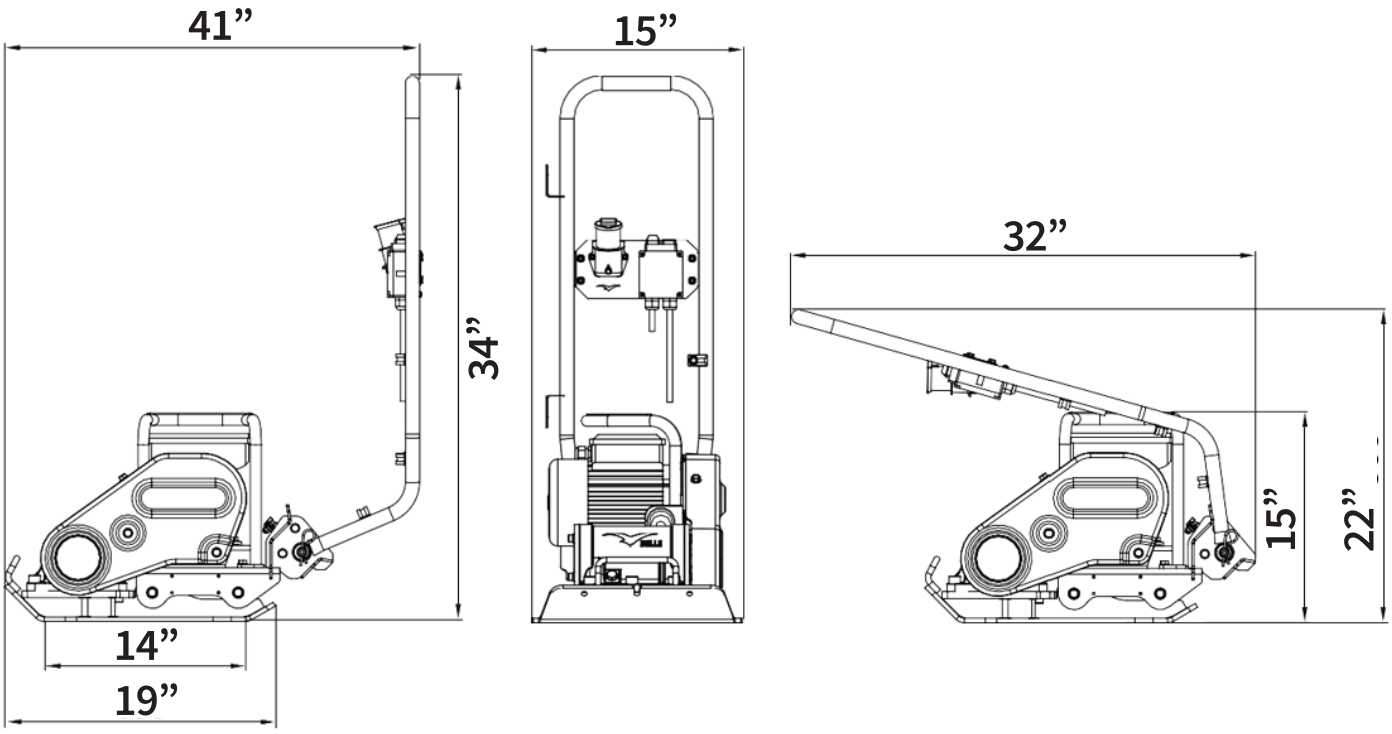
1. Electric Motor
2. Vibrator Unit Oil Plug
3. Vibrator Unit
4. On / Off Switch
5. Operating Handle
6. Belt Guard
7. Hand Lifting Point
8. Hand Lifting Point (Strut)
9. Motor Guard
10. Cable Strorage Hook
11. Power Cable



WARNING

DO NOT use a Mechanical Hoist on the Hand Lifting Points (No's 7 & 8) and Motor Guard (No. 9).

2.2 Product Dimensions



2.3 Compactor Specifications

Model	eJXPC50H
Power (HP / kW)	2.0 / 1.5
Motor RPM	2800
Nominal Voltage (v)	120
Full Load Current (A)	14.2
Motor Protection Rating	IP44
Vibrator Force (kN)	9.4
Frequency (Hz)	60
Maximum Travel Speed (m/min)	24
Usage Time (Mins)	180
Noise (dBA)	104
Weight (lbs / kg)	110 / 50

3. COMPACTION

3.1 Reasons for Compaction

Soil, which has been disturbed or new infill, subbase and blacktop, will have small voids or air pockets which, if not compacted, will lead to one or more problems occurring.

3.1.1 As traffic crosses the surface of an uncompacted area, the material is compressed. This leads to subsidence of the top surface as the material fills the voids.
3.1.2 A similar situation occurs with static loads on uncompacted ground. The load (e.g. a building) will sink.
3.1.3 Materials with voids are more susceptible to water seepage, leading to erosion. Water ingress may also cause the soil to expand during freezing temperatures and contract during dry spells. Expansion and contraction is a major cause of damage to building foundations and normally leads to the structure requiring underpinning.

Compaction increases the density of the material and therefore increases its load bearing capacity. Reduces air voids and therefore reduces the risk of subsidence, expansion and contraction, due to ingress of water.

3.2 Compaction Specification

Various methods have been employed in the past to specify the compaction required for various applications. The factors to consider are, material properties, layer thickness, pressure applied, vibration and number of passess. Greater understanding of how compaction works has lead to new compaction specifications being introduced.

3.3 Applications

Applications/materials fall into three categories:
3.3.1 Cohesive materials (less than 20% granular) e.g clay, silt & heavy soils.
3.3.2 Granular materials (more than 20% granular) e.g hard core, sand & light soils.
3.3.3 Bituminous materials e.g asphalt (tarmac), cold lay (bitumin emulsion products).

4. OPERATION

4.1 Pre Start Checks

The following pre start-up inspection must be performed before the start of each work session or after every four hours of use, whichever is first. Please refer to the service section for detailed guidance. If any fault is discovered, the eJXPC50 plate compactor must not be used until the fault is rectified.

4.2 Operating Instructions

4.2.1 Take the compactor to where it is needed.

WARNING

NEVER pass over the electric cable with the compactor during operation.

4.2.2 NEVER leave the motor running whilst transporting or moving the Electric Plate Compactor, even if it is only a short distance.

4.2.3 Having carried out the checks listed in the **Pre Start Checks** section, you may start the motor.

4.2.4 Switch the machine ON and use the control handle to steer or turn the Electric Plate Compactor. This will not only cause the baseplate to vibrate but will also cause it to travel forward. During normal operation you should not have to push the eJXPC50 but allow it to travel at its own pace.

The speed of travel will be determined by the condition of the surface being compacted. If the surface to be compacted is on a slope, great care must be taken when controlling the compactor's direction of travel. If necessary, use a suitable rope attached to the eJXPC50 at a low point on the chassis, to allow a helper to take part of the eJXPC50's weight. Work up and down a slope not across.

4.2.5 Work the eJXPC50 over the surface in an organized pattern until the required compaction has been achieved.

Where there are a number of different layers to be compacted on top of each other, compact each layer individually.

WARNING

DO NOT use a Mechanical Hoist on the Hand Lifting Points
Transporting the compactor is a 2 person operation.
Use the provided Hand Lifting Points.

4.3 Starting the Motor

1. Plug into power supply.
2. Depress the GREEN Button (I) to start the machine (Fig B).

4.4 Stopping the Motor

1. Depress the RED Button (O) to stop the machine (Fig A).

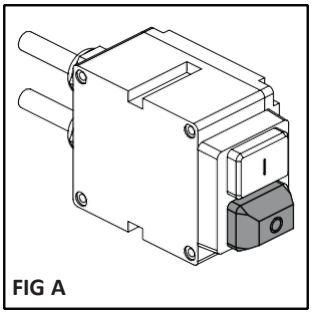


FIG A

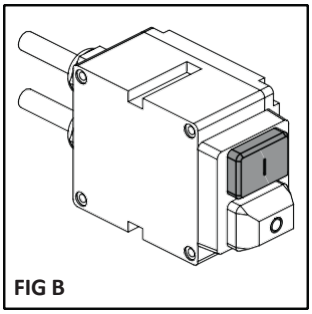


FIG B

WARNING

Make sure that the plate is unplugged from the power source prior to carrying out first steps or the visual inspection!

5. SERVICE & MAINTENANCE

5.1 Maintenance

The Electric Plate Compactor is designed to give many years of trouble free operation. It is recommended that an approved TOMAHAWK POWER dealer or service center carries out all major maintenance and repairs. Always use genuine TOMAHAWK POWER replacement parts, the use of spurious parts may void your warranty. Before any maintenance is carried out on the machine, switch off the motor and disconnect the power supply.
Always set the Electric Plate Compactor on level ground to ensure any fluid levels will be correctly read. Only use recommended oils (see chart below).

5.2 Running In Period

The vibrator shaft case oil must be replaced after the first 100 hours use, then after every 500 working hours. For detail on vibrator shaft case oil replacement, see 'Vibrator unit'. The belt tension should be checked after 4 hours use.

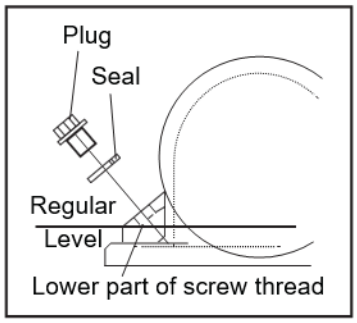
5.3 Cleaning

This is an electrical appliance. During cleaning, the electrical components of this machine MUST NEVER be exposed to water or liquid
of any kind as this could result in serious injury or even death!

Routine Maintenance		Before Each Use	First 4 Hours	First Month /	3 Months / 50 Hours
Cables	Check				
	Replace when necessary				
Drive Belt	Tension				

Oil / Fuel Type & Quantity

	Oil Type	Quantity (Liter)	Fuel Type	Capacity (Liter)	Spark Plug Type	Electrode Gap (mm)
Excitor Box	SAE 10w40	0.22	N/A	N/A	N/A	N/A



Vibrator Unit.
Remove the plug complete with seal, check that the oil level reaches the bottom thread on the oil plug hole. Top up as necessary with the correct oil (see chart).

5.4 Maintenance Record

Preventative maintenance and routine service are essential to the long life of your equipment. Reading through this manual thoroughly, you will find that you can do some of the regular maintenance yourself. However, when in need of parts or major service, be sure to see your dealer. For your convenience we have provided this space to record relevant data about your plate compactor.

Invoice Number:		Type of Machine:	
Date Purchased:		Dealer Name:	
Serial Number:		Dealer Phone:	

REPLACEMENT PARTSUSED					MAINTENANCE LOG	
PART NO.	DESCRIPTION	QTY	COST	DATE	DATE	OPERATION

5.5 Replacement Parts

For replacement parts and technical questions visit www.tomahawk-power.com or scan the QR code on the front of this manual.

• Not all equipment components are available for replacement. The illustrations within this manual are a convenient reference to the location and position of parts in the assembly sequence.

• When ordering parts, the following will be required: model number, serial number/lot date code, and description.

• The manufacturer reserves the right to make design changes and/or improvements to product lines and manuals without notice.

5.6 Storage

The compactor should be stored on level ground, after the motor and machine have cooled down. Be sure to secure the compactor as necessary to avoid it from falling down.

6. TROUBLESHOOTING

Problem	Cause	Solution
Motor fails to start	Fuse or Circuit Breaker tripped	Replace Fuse or reset the breaker
	Stator is shorted or went to ground Motor will make a humming noise and the circuit breaker or fuse will trip	Contact Tomahawk Power
	Motor overloaded or load jammed	Inspect to see that the load is free. If free, Contact Tomahawk Power.
	Capacitor (on single phase motor) may have failed	Contact Tomahawk Power
	Starting switch has failed	Contact Tomahawk Power
Motor runs but dies down	Voltage drop	If voltage is less than 10% of the motor's rating contact power company or check if some other equipment is taking power away from the motor or Contact Tomahawk Power.
	Load increased	Verify the load has not changed. Verify equipment hasn't got tighter. If fan application verify the air low hasn't changed or Contact Tomahawk Power
Motor takes too long to accelerate	Defective capacitor	Contact Tomahawk Power
	Faulty stationary switch	Contact Tomahawk Power
	Bad bearings	Contact Tomahawk Power
	Voltage too low	Make sure that the voltage is within 10% of the motor's nameplate rating. If not, contact power company or check if some other equipment is taking power away from the motor or Contact Tomahawk Power
Motor overload protector continually trips	Load too high	Verify that the load is not jammed. If motor is a replacement, verify that the rating is the same as the old motor. If previous motor was a special design, a stock motor may not be able to duplicate the performance. Remove the load from the motor and check motor doesn't trip.
	Ambient temperature too high	Verify that the motor is getting enough air for proper cooling. Most motors are designed to run in an ambient temperature of less than 40°C. (Note: A properly operating motor may be hot to the touch.)
	Protector may be defective	Contact Tomahawk Power
	Winding shorted or grounded	Contact Tomahawk Power
The motor makes a loud rubbing or grinding noise	Damage to internal workings	Contact Tomahawk Power
Unit will not vibrate	Drive belt tension loose	Adjust belt tension
	Drive failure	Contact Tomahawk Power
	Vibrator failure	Contact Tomahawk Power
Asphalt adhering to plate Bituminous surface laking (laminating)	Lack of lubrication	Use water
	Over compaction	Remove and relay
Low travel speed (plate sinking)	Layer thickness too deep	Remove some of the material
	Moisture content too high or too low	Remove material and adjust

7. WARRANTY

Your new Electric Single Direction Plate Compactor is warranted to the original purchaser for a period of one-year.

(12 months) from the original date of purchase. The Tomahawk Power warranty is against defects in design, materials and workmanship.

The following are not covered under the warranty:

1. Damage caused by abuse, misuse, dropping or other similar damage caused by or as a result of failure to follow assembly, operation or user maintenance instructions.

2. Alterations, additions or repairs carried out by persons other than TOMAHAWK POWER or their recognised agents.

3. Transportation or shipment costs to and from TOMAHAWK POWER or their recognised agents, for repair or assessment against a warranty claim, on any machine.

4. Materials and/or labor costs to renew, repair or replace components due to fair wear and tear.

The following components are not covered by warranty.

- Drivebelt/s
- Engine air filter
- Engine spark plug

TOMAHAWK POWER and/or their recognised agents, directors, employees or insurers will not be held liable for consequential or other damages, losses or expenses in connection with or by reason of or the inability to use the machine for any purpose.

Warranty Claims

Before submitting any warranty claim, your Tomahawk Power Electric Single Direction Plate Compactor should be registered through www.tomahawk-power.com. Follow the steps on page 3 to complete the equipment registration. After registration is complete, all warranty claims should firstly be directed to Tomahawk Power through the online Service Request form found at www.tomahawk-power.com/pages/service-request.

8. MORE COMPACTION TIPS

8.1 Soil Drop Test: Soil preparedness refers to the “wetness” of the dirt or soil. Soil needs to be 50% dry and 50% wet, before starting compaction. A simple “hand test” can determine this. Pick up a handful of soil with your hand and squeeze the dirt. Observe whether the soil is powdery or if it breaks apart when dropped. If the soil does break apart, it means that it is too dry. If the soil keeps together in one piece when dropped, it is ready for compaction.

8.2 Soil Testing: Testing: The function of this step is to measure the density of an aggregate material to ensure the increase of density when driving out air. At a low moisture content level, there are more soil particles assembling together. In order to determine if the soil is compacted properly, there are several methods.

8.2.1 Soil Testing: Test strips are useful to determine the method of compaction and understand how many passes of your plate compactor are needed to achieve the optimum compaction. Every layer of compacted soil meets a specific percentage on the proctor curve. Through soil testing, it is possible to identify optimum moisture. Soil testing measures the soil density compared to the degree of compaction specifications, as well as the effect of the moisture.

A common laboratory method called the Proctor Compaction Test can be used to determine the optimal moisture content for a given soil type. The goal of this method is to understand the soil’s maximum dry density. A second method of soil testing is known as the California Test 216 and is used to find the relative compaction of untreated and treated soils.

Four factors account for optimum compaction including lift thickness, pressure, and soil moisture content. During the compaction process, the soil's moisture adds density and lubricates soil particles, until there is a maximum dry unit weight without voids in the soil. The table below explains the different outcomes and properties of fill materials.

	Properties of Different Fill Materials		
	Foundation Support	**Permeability**	**Compaction Difficulty**
Gravel	Excellent	Very High	Very Easy
Sand	Good	Medium	Easy
Silt	Poor	Medium Low	Somewhat Difficult
Clay	Moderate	None	Very Difficult

8.3 Compaction Terms

8.3.1 Cohesive soils: Clays and mixes have a particular particle size of less than .003” or .002” and are typically classified as cohesive soils. This type of soil is primarily used for retaining pond beds and mound fills. These soils are dense due to the strongly bound molecular attraction. Cohesive soils and water will not mix easily, but only once the soils are moist it will feel sticky.

8.3.2 Granular soils: These soils have particle sizes of .003” or greater, like sand. Water drains easily through the soils particles of granular soils. The larger the particles, the larger the equipment needed to achieve lower frequencies and higher compaction force. Plate compactors are typically the best option for compacting granular soils - however, depending on the vibration frequency and particle size, reversible plate compactors and double drum rollers may be more appropriate for this type of work.

8.3.3 Mixed soils: Sometimes soils can be a mixture of both types, cohesive and granular. Thus choosing the appropriate compaction equipment is more difficult. We recommend testing your equipment to match the best machine to the desired job.

8.3.4 Static force: Found in the deadweight of machines, static force applies pressure downward on soil surfaces. As a result, soil particles compress in the topsoil layer.

8.3.5 Vibratory force: This force is engine-driven, creating a downward force, in addition to the machine's static weight. Vibrations compress the soil material closer together to increase density.

8.3.6 Types of compaction: There are four types of compaction that can be applied to soils or asphalt. Each one takes place using one of the two types of the forces explained above (static or vibratory).

A. Vibration: Periodic motion of particles with rotating weight in opposite directions from a position of equilibrium.

B. Impact: An action of one object coming into contact with another.

C. Kneading: Force is applied by alternating movement in adjacent positions.

D. Pressure: The process of continuous physical force against solid materials.

TOMAHAWK

SPRAY TODAY ENJOY TOMORROW

Offering ***adjustable pressure*** from 20 to 70 PSI, Tomahawk Battery Sprayers are perfect for spraying residential and commercial areas! Powered by a superior 7Ah lithium battery with up to ***11 hours of life***, spray 6000 ft^2 in 10 minutes or less!

Item #: eTPS18

4.75 GALLON BATTERY BACKPACK SPRAYER

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TOMAHAWK

POWER YOUR WORLD

Perfect for concrete finishing of warehouses, decks, parking lots, and more, adjust from 0-28 degrees with 4 Combo hardened, tempered steel blades to **achieve a matte, light gloss, or gleaming finish!**

HONDA ENGINES

KOHLER ENGINES

Item #: JXPT46K

24” - 36” - 46” POWER TROWELS

www.tomahawk-power.com

TOMAHAWK

NEVER PUMP
NEVER LOSE PRESSURE

Lose the manual pump and gain the power to spray **15,000 ft² in 10 minutes** or less while maintaining constant, adjustable pressure from 50-435 PSI with your ideal concrete sealant, cure, top cast, form release, and more!

Item #: TCS6.5

6.5 GAL MOTORIZED CONCRETE SPRAYER

www.tomahawk-power.com

TOMAHAWK
PRODUCT CATALOG

COMPACTION

3,550 lbs/ft Vibratory Rammer
Part#: TR68H

3.6 HP Honda GXR120 Engine
Easily achieve a 100% compaction rating
3-in-One Fuel System with carburetor protection
13" x 11" plate for narrow trenches and corners
3 Year Engine Warranty & 1 Year Product Warranty

3,400 lbs/ft Plate Compactor
Part#: TPC90H

5.5 HP Honda GX160 Engine
Easily achieve a 100% compaction rating
22" x 20" cold, rolled steel beveled base plate
Includes 3.5 gallon water tank for asphalt compaction
3 Year Engine Warranty & 1 Year Product Warranty

3,000 lbs/ft Plate Compactor
Part#: TPC80 & TPC80H

6 HP Kohler CH260 & 5.5 HP Honda GX160 Engines
Easily achieve a 100% compaction rating
16.5" x 21.5" plate for narrow trenches and corners
Optional Honda Engine model: TPC80H
3 Year Engine Warranty & 1 Year Product Warranty

FINISHING

6.5 Gal Backpack Concrete Sprayer
Part#: TCS6.5

Maintain constant, adjustable pressure up to 450 PSI
Achieve superior concrete finishes with even spraying
Spray 15,000 sq ft in less than 10 minutes
Compatible with major manufacturer wands
1 Year Product Warranty

1.6 HP Vibratory Concrete Screed
Part#: TVSA-H

1.6 HP Honda GX35 Engine
Aluminum Magnesium blades available from 8ft - 14ft
Finish concrete 4X faster than other screed methods
360° adjustable handle placement
3 Year Engine Warranty & 1 Year Product Warranty

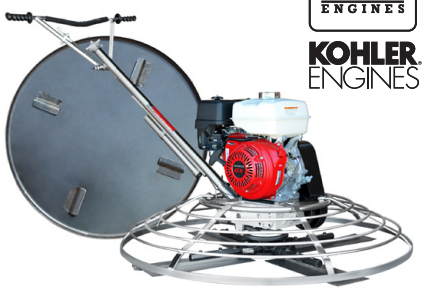
6" Early Entry Green Concrete Saw
Part#: TFS6H

5.5 HP Honda GX160 Engine
Maximum cutting depth of 1 3/16 inches
OSHA compliant vacuum port for dust collection
Includes 6" early entry concrete blade
3 Year Engine Warranty & 1 Year Product Warranty

FINISHING

1.6HP Backpack Concrete Vibrator
Part#: TVIBH + TVW10-P

1.6 HP Honda GX35 engine
Consolidation with speeds of 10,000-12,000 VPM
Quick Connect centrifugal clutch vibrator
1" and 2" Diameter Whips Available in 10ft Length
3 Year Engine Warranty & 1 Year Product Warranty



36" & 46" Concrete Power Trowel
Part#: TPT36H/K & TPT46H/K

6 HP/14HP Kohler & 5.5HP/8.5HP Honda Engines
Adjust trowel blade pitch from 0-28°
60-115 RPM rotor speed for superior concrete finishes
Includes float pan and trowel blades
3 Year Engine Warranty & 1 Year Product Warranty

8" Gas Powered Concrete Scarifier
Part#: TSCAR8H

5.5 HP Honda GX160 Engine
Remove traffic lines at 800 - 1,000 linear ft/hr
Tungsten Carbide Blade Kit Available
OSHA approved dust port for silica vacuum removal
3 Year Engine Warranty & 1 Year Product Warranty

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POWER / WELDING

INVERTER SERIES

2000 Watt Inverter Generator
Part#: TG2000i

2000 Max Watts, 1600 Rated Watts
Run Time of 8 hours on 1 gallon of gas
OSHA and GFCI Compliant
Parallel technology capable for double the power
2 Year Product Warranty

INVERTER SERIES

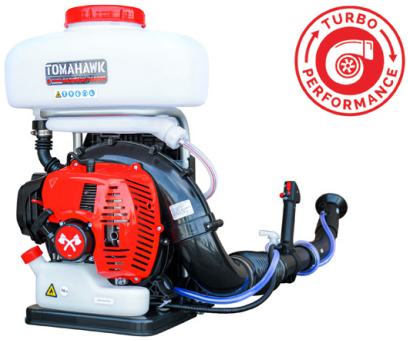
210 Amp Portable Welder Generator
Part#: TWG210A

Steady 50 - 210 Amp DC welding output
60% Duty Cycle for extended use
Suitable for welding rods from 6010 to 7024
Electric Key Start with battery included
2 Year Product Warranty

7000 Watt Generators
Part#: TG7000

7000 Max Watts, 5500 Rated Watts
Voltage Selector gives Full Wattage for 120V or 240V
Run Time of 8 hours at 50% Load
OSHA and GFCI Compliant
2 Year Product Warranty

PEST CONTROL



3.7 Gallon 3HP Backpack Fogger
Part#: TMD14

Turbo Boosted Pump with 40ft + Horizontal Reach
Sprays 1 acre in 30 minutes
10X Faster than Manual Pump Sprayers
Converts to Leaf Blower with 200 MPH Air Velocity
1 Year Product Warranty

4.75 Gallon Battery Power Sprayer
Part#: eTPS18

Reach Up to 30ft Horizontal Reach
Sprays 6000 sq ft in 10 minutes
10X Faster than Manual Pump Sprayers
70 PSI Commercial Grade Pump
1 Year Product Warranty

5 Gallon Backpack Power Sprayer
Part#: TPS25

Reach Up to 30ft Horizontal Reach
Sprays acres in 10 minutes
10X Faster than Manual Pump Sprayers
50-435 Adjustable PSI Commercial Grade Pump
1 Year Product Warranty

AND MORE

4 Gal. Backpack Fertilizer Spreader
Part#: TGS30

Reach up to 30ft Horizontally
Sprays 1 acre in 30 minutes
20X Faster than push spreaders
Converts to Leaf Blower with 200 MPH Air Velocity
1 Year Product Warranty

3” Full Trash Water Pump
Part#: TW3H

Moves liquids at a rate up to 375 gal/min
Handle solids up to 1.5"
Silicone carbide seals and a chrome plated volute
8 HP engine protected by rugged all purpose frame
3 Year Engine Warranty & 1 Year Product Warranty

Commercial 38" Push Sweeper
Part#: TOS38

Collect up to 14.5 gallons of dust and debris
Can be used indoors & outdoors on wet or dry surfaces
Includes integrated airflow control and fine dust filter
Lightweight design, capable of fitting through doorways
1 Year Product Warranty

ASSEMBLED IN THE USA
PARTS SOURCED GLOBALLY

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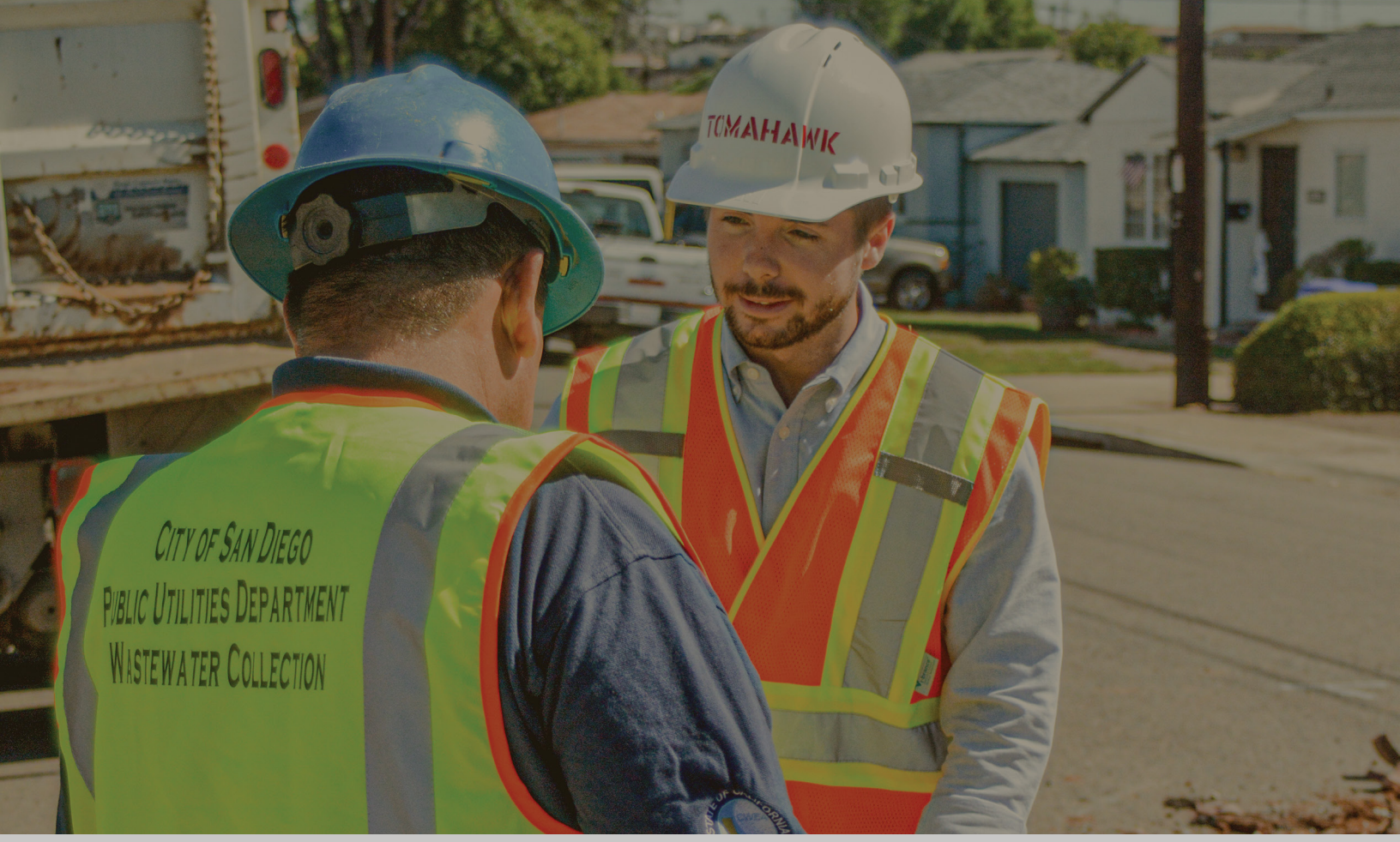

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