

POWER HAMMER

OPERATING MANUAL



Read Manual Before Operating Machine

402616 Rev C

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Section 1 – Technical Data

1.1 Specifications

Product Specifications					
Max. Length	Typical Operating Length	Width	Max. Height	Weight	Speed
39" (99 cm)	24" (61 cm)	19" (48 cm)	44" (111.8 cm)	99 lbs (45 kg)	Manual

Machine Variants			
Region	Serial Number	Input Power	Plug Type
Domestic	TROLLEY-10XXXX	120V / 60 Hz	15A NEMA 5-15P Plug
International	TROLLEY-20XXXX	110V / 50 Hz	IEC 60309, 16A, 3W Plug

1.2 Applications and Proper Use

Warning!

This machine is designed for working horizontal surfaces, specifically chiseling and demolition. All other applications are deemed to be incorrect use. The manufacturers will not be liable for any damage resulting from incorrect use. The user is solely responsible for any risk.

Section 2 – Safety Regulations

2.1 Warnings

Be aware of warning and cautionary information, designated by a gray text box. These areas will contain information regarding dangers to the operator and/or the machine and instruction to prevent injury.

2.2 Organizational Measures and Safety

This instruction manual must be kept near the machine at all times.

Before starting any work with or on the machine, all authorized personnel must read the instruction manual and, in particular, the section regarding safety instructions.

Appliances used in different locations must be connected via a current surge prevention switch.

Always wear goggles when using the machine. Wearing gloves, non-slip shoes, and an apron is recommended.

Warning!

The max permitted noise level may be exceeded. Operators must wear noise-protective gear.

Sawdust and splinters must be removed while the machine is running.

Extreme electromagnetic interferences from the outside could temporarily cause variations in the rotation speed.

Caution!

Spare parts must conform to the manufacturer's specifications. This is always guaranteed with NFE original parts.

2.3 Maintenance and Troubleshooting During Work

Disconnect machine from power supply prior to performing any maintenance. Only unplug or plug in machine when it is turned off.

Keep mains lead clear of the machine during operation; always lead the cable away from behind.

The ventilation slots of the machine must be kept clear at all times. If the carbon brushes are worn, the brushes should be exchanged and the tool should be sent to a service center for inspection.

Note: For any information on maintenance or repairs, reference this machine's Service Manual.

Warning!

All machinery can be dangerous for operating, maintenance, and repair personnel if used incorrectly. Owners are responsible for compliance with safety regulations during operations and maintenance of the safety devices supplied with the machine, and for providing suitable safety devices. It is strictly prohibited to remove or change the security system of the machine!

Section 3 – General Information

3.1 Description of Machine

- Rubber handle grip
- Clamping grip for height adjustment
- Emergency stop switch
- Clamping grip for work angles
- Special tool holder
- Rubber wheels: 3.3" x 10.2" (8.4 x 26 cm)
- Vibration reducer

This machine is a sturdy and powerful removal stripper that can be used on a large number of surfaces:

- Epoxy, ceramic, tiles, adhesives
- Wooden parquet, fiberglass spills
- Cork, latex, paint, build-up, mastics
- Sport surfaces, membranes

3.2 Switchbox

The switchbox is fitted with an ON and emergency stop switch.

- 1) ON switch
- 2) Emergency stop button

ON Switch

The ON switch is the small black switch on the switchbox.

Emergency Stop Switch and Restart

The circular emergency button will immediately cut off current to the hammer when pushed.

Under-voltage Release

An integrated under-voltage release cuts off the current supply immediately if, e.g. the fuse falls out, current fluctuations occur, or a cable is damaged.

3.3 Power Tool Assembly

This machine is currently only compatible with the HILTI TE1000 and TE1500 jackhammers. Using a 17 mm wrench and an Allen key, complete the following steps to assemble the power tool to the machine:

1. Unscrew lower tool holder (Figure 1) and upper tool holder (Figures 2-4).



Figure 1



Figure 2



Figure 3

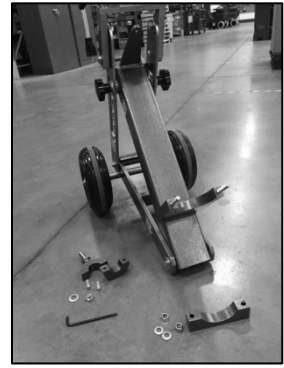


Figure 4

2. Re-attach top half of the upper tool holder so that the nuts and upper half resemble Figure 5.



Figure 5

- Place power tool on the holder (Figure 6); re-place top half of the lower tool holder and screw it into place (Figure 7). **Note:** *Notched side of the washers must be facing the nut (Figure 8).*



Figure 6



Figure 7

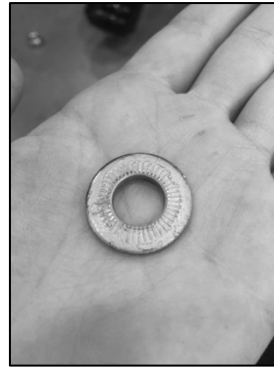


Figure 8

- Lower the top half of the tool holder until it meets the handle of the hammer (Figure 9).
- Re-place the lower half of the upper tool holder and screw it into place (Figure 9). This will secure the power tool; the tool can now be plugged into the machine for operation.



Figure 9

- Adjust the height as needed (Figure 10).

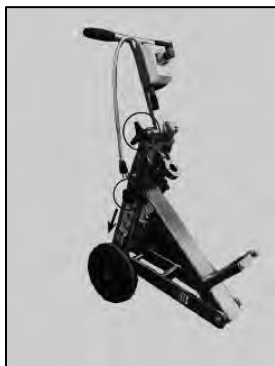


Figure 10

Section 4 – Operation

4.1 Starting the Machine

Regular inspections are important to prevent breakdowns. Before starting:

- Check that all machine components have been correctly assembled.
- Check that all screws and other fasteners are tight.
- Check that all safety devices are functioning as designed.
- Check the electrical cords for damage.

To start the machine:

1. Press the black ON switch on the switchbox.
2. Press the red ON/OFF button on the power tool to turn it on.
3. The machine can be turned off by pressing the red ON/OFF button on the power tool, or by pressing the emergency stop button on the switchbox.

4.2 Operating the Machine

When operating, machine must be placed evenly to the surface. Do not tilt machine while the motor is running.

Section 5 - Warranty

National Flooring Equipment Inc. (referred to as “the Company”) warrants that each new unit manufactured by The Company, to be free from defects in material and workmanship in normal use and service for a period of twelve (12) months from date of shipment from the Company. For administrative ease, will honor warranty for a period of fifteen (15) months from date of shipment from the company. Accessories or equipment furnished and installed on the product by the Company but manufactured by others, including but not limited to: engines, motors, electrical components, transmissions etc., shall carry the accessory manufacturers own warranty. Battery warranties are prorated over the warranty period. Customer is responsible for the inspection of equipment / parts upon delivery. Freight damages reported beyond authorized time frame will not be honored.

The Company, at its determination of defect, will repair or replace any product or part deemed to be defective in material or workmanship within specified warranty time period. All product determinations and / or repairs will take place at the designated Company repair facility, or at a certified warranty location designated by the Company. The Company will coordinate and be responsible for all freight expenses associated with valid warranty claims. Freight and shipping expenses associated with abuse or misuse will be back charged to the Distributor/Customer. The Company reserves the right to modify, alter or improve any part / parts without incurring any obligation to replace any part / parts previously sold without such modified, altered or improved part / parts. In no event shall the seller or manufacturer of the product be liable for special, incidental, or consequential damages, including loss of profits, whether or not caused by or resulting from the negligence of seller and / or the manufacturer of the product unless specifically provided herein. This warranty shall not apply to any products or portions there of which have been subjected to abuse, misuse, improper installation or operation, lack of recommended maintenance, electrical failure or abnormal conditions and to products which have been tampered with, altered, modified, repaired, reworked by anyone not approved or authorized by the Company or used in any manner inconsistent with the provisions of the above or any instructions or specifications provided with or for the product. Any and all unauthorized onsite warranty work conducted by unauthorized personnel or any outside person(s), is not covered by the Company unless the work has been pre-authorized by a predetermined manufacturer representative. This excludes wearable parts and/or consumables.

Defective or failed material or equipment shall be held at the purchaser’s premises until authorization has been granted by the Company to return or dispose of defective products. Products returned for final inspection must be returned with a manufacturer authorized Return Material Authorization (RMA). Any unauthorized return of equipment will be declined at the dock by the Company. Any non-approved items returned with approved returned items are subject to rejection and will not be credited. Credit will be issued for material found to be defective upon the Company’s inspection based on prices at time of purchase.

TO OBTAIN SERVICE CONTACT NATIONAL FLOORING EQUIPMENT, INC. TOLL FREE AT 800-245-0267 FOR A REPAIR AUTHORIZATION NUMBER. COD FREIGHT RETURNS WILL NOT BE ACCEPTED. FREIGHT COLLECT SHIPMENTS WILL NOT BE ACCEPTED. WARRANTY REPAIRS MUST BE ACCOMPANIED BY DATE OF PURCHASE RECEIPT AND A RETURN/REPAIR AUTHORIZATION NUMBER.

RETURN/REPAIR AUTHORIZATION NUMBER: _____

MACHINE SERIAL NUMBER: _____



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