



**COMPACTORS**

***Safer • Simpler • Smarter***

## Owner & Operator Manual

NOTE: FOR ULTIMATE SAFETY AND PERFORMANCE, THIS MANUAL MUST BE READ BY INSTALLATION, OPERATING AND HAULER PERSONNEL, PRIOR TO USE OF EQUIPMENT.

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Welcome to the *BINPAK*<sup>®</sup> Team! Modern Waste Products Inc. has engineered the *BINPAK*<sup>®</sup> compactor with safety, productivity and efficiency as vital components. This manual contains all of the information for you to understand the operation of the equipment from electrical hook-up to unloading the compactor container. As a result, the manual should be read carefully before using your equipment.

If you have arranged for a Modern Waste Products representative or agent to be present during commissioning and training, it is still important to be thoroughly familiar with this manual for a complete understanding of the equipment and its operation.

To request service or to order parts refer to the decal information on the *BINPAK*<sup>®</sup>.



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**BINPAK®**  
COMPACTORS  
*Safer • Simpler • Smarter*



*BINPAK®* Rear Fill Compactor



## 1.0 General Information

### 1.1 Electrical Preparation

The customer has the responsibility of ensuring that the electrical hook-up for the compactor is in compliance with all national and local electrical codes and ordinances and that the installation is completed by a licensed electrician. Please refer to the *BINPAK*® electrical installation guide.

### 1.2 Modern Waste Products One Year Limited Warranty

Modern Waste Products (MWP) guarantees to the original purchaser only that its product is free of defects in material and workmanship, under normal use, for a period of one year (1) from the date of customer receipt from an Authorized MWP Dealer. In order to be entitled to the benefits of this warranty, the said equipment must be properly installed and operated in compliance with the manufacturer's recommendations and/or design applications as agreed upon at the point of sale. This product is not recommended for use with the following waste: (i) construction and demolition debris including drywall, wood, concrete and metal, (ii) stone and stone-related products, (iii) general materials already in a non-compactable form. Should this product prove to be defective for any reason (other than those listed below) the product will be serviced or replaced at MWP's sole discretion at no charge.

This warranty is non-transferable and extends to the original purchaser only. This warranty is void if the equipment was purchased from anyone other than an Authorized MWP Dealer.

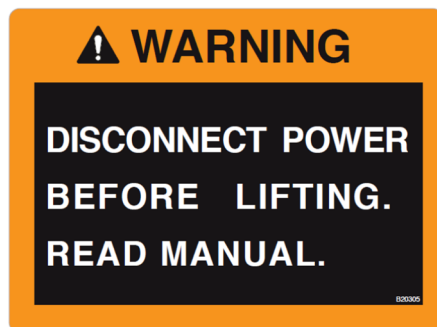
Warranty does not extend to cover theft, loss, or damage due to accident, abuse, tampering, vandalism, negligence including poor maintenance or deteriorating chemicals. Service or modifications by any person or persons other than an Authorized MWP service provider voids the warranty. MWP and its Authorized Dealers make no other warranties, either expressed or implied, orally, or in writing, with respect to any other warranty coverage except those expressly stated within the preceding paragraphs. MWP will not be held responsible for any agreements orally or in writing with the exception of those expressly included in this warranty statement. This warranty information and the terms contained herein supersede all statements contained in any and all owner's guides, instruction sheets, or other equipment literature or catalogs. In no event will MWP and its Authorized Dealers be held responsible or liable for any personal injuries resulting from the use of the covered equipment, or for any other damages, whether direct, indirect, incidental, or consequential; even if MWP has been advised of such damages.

In no case, shall this warranty apply outside Canada and the continental United States unless the purchaser has a written agreement from MWP.

### 1.3 Safety Decals



**DANGER - Moving Parts Can Crush and Cut. Operate Carefully. NEVER ENTER THE FILL CHAMBER OR PLACE ANY PART OF YOUR BODY WITHIN THE FILL CHAMBER PRIOR TO DISCONNECTING THE COMPACTOR AND PERFORMING PROPER LOCK-OUT/TAGOUT PROCEDURES.**



**WARNING - Electrical Hazard. Disconnect Power Before Lifting This Bin. THE COMPACTOR USES AN ELECTRICAL CONNECTION. THIS MUST BE DISCONNECTED BEFORE UNLOADING THE COMPACTOR IN ORDER TO AVOID PERSONAL INJURY OR DAMAGE TO THE COMPACTOR.**



**CAUTION - Be Careful. Stay clear identifies the need to prevent unsafe practices, which may result in minor personal injury or property damage. HEAVY COMPONENTS LIKE COMPACTORS CAN CAUSE SERIOUS PERSONAL INJURY AND EQUIPMENT DAMAGE IF HANDLED IMPROPERLY.**

## 2.0 Compactor Operation

### 2.1 BINPAK® Operating Procedure

#### BINPAK® Operating Instructions

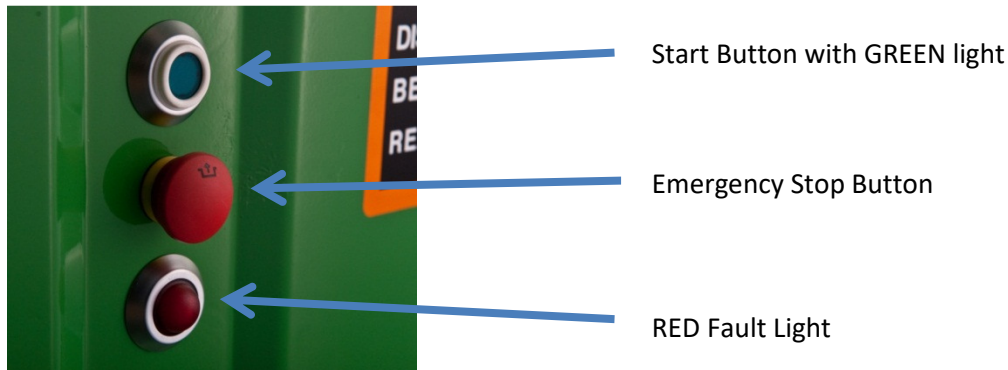
1. Green light on – open door and load
2. Close door firmly
3. Press green button firmly and green light will flash
4. Machine is compacting while green light is flashing (1 minute)
5. When green light is solid – load again (if required)

#### BINPAK® Troubleshooting

6. Green light off – check power
7. Solid red light – close door firmly
8. Flashing red light – ensure e-stop is pulled out
9. Still not operating? Call for service.

### 2.2 EMERGENCY STOP BUTTON

To stop operation of the compactor at any time, press the RED emergency stop (E-Stop) button located directly below the start button. The GREEN start button light will turn off, indicating that main power has been shut off.



### 2.3 EMERGENCY STOP BUTTON Reset Procedure

If the RED E-Stop is depressed, the system must be reset. To reset the system, pull the E-Stop button out fully and then press the GREEN start button once. The compactor is then ready to start. Wait at least 2 seconds and then press the GREEN button again to start the cycle. Depending on where the compaction plate was when the E-Stop was depressed, the GREEN start button may have to be pressed once again after waiting another 2 seconds. This will then activate the machine. When the machine stops, the door can be opened.



### 3.0 Emptying the *BINPAK*® Compaction Container

The following operations are to be performed by the truck driver.

#### 3.1 REAR or FRONT FILL *BINPAK*®

##### STEP 1

Press GREEN start button firmly (this starts compaction cycle).

##### STEP 2

After 25 seconds - press E-Stop button.

##### STEP 3

Disconnect power plug on side of unit.

##### STEP 4

Pull both handles forward so that lid springs open.  
(If there is no pressure on levers, then proceed to next step).

##### STEP 5

Insert truck forks into side pockets until truck bumpers contact unit.

##### STEP 6

Lift and dump contents into truck.

##### STEP 7

Lower and lid automatically latches.

##### STEP 8

Plug in power cord, turn collar nut on hand tight (water seal).  
Pull out E-Stop button.  
Press GREEN start button firmly (this starts compaction cycle).



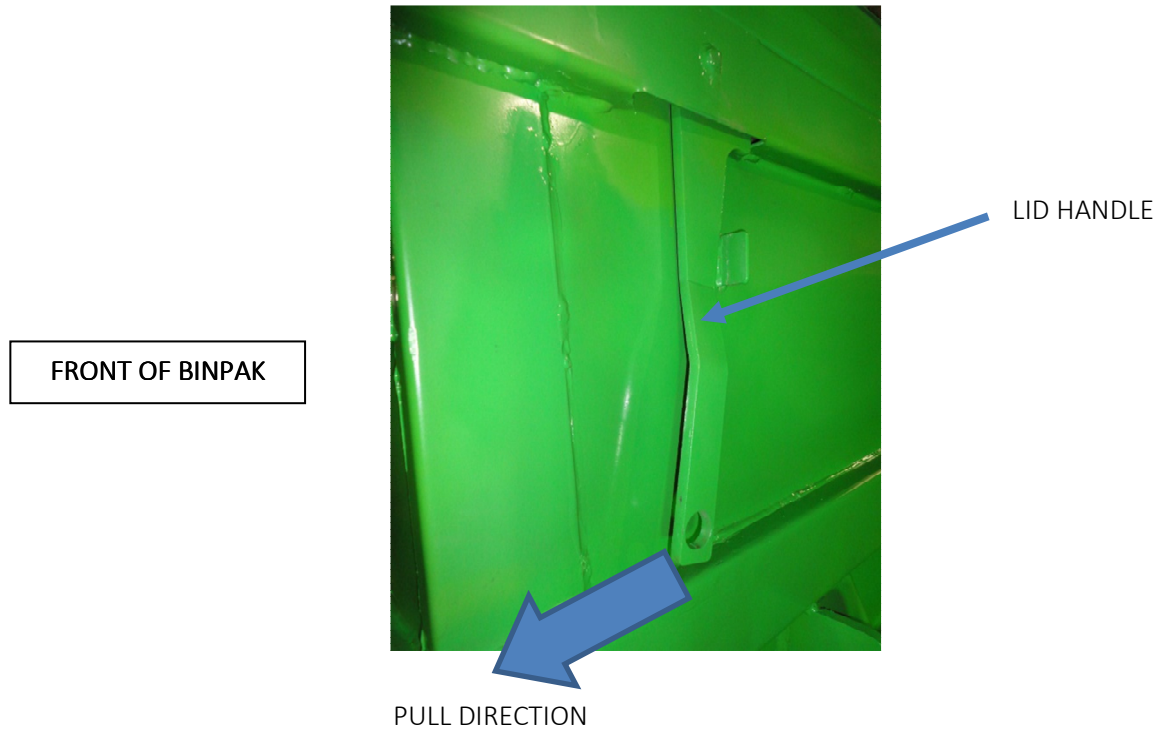
### 3.2 Electrical Connections *BINPAK®*



PLUG END (SHOWN PLUGGED IN)



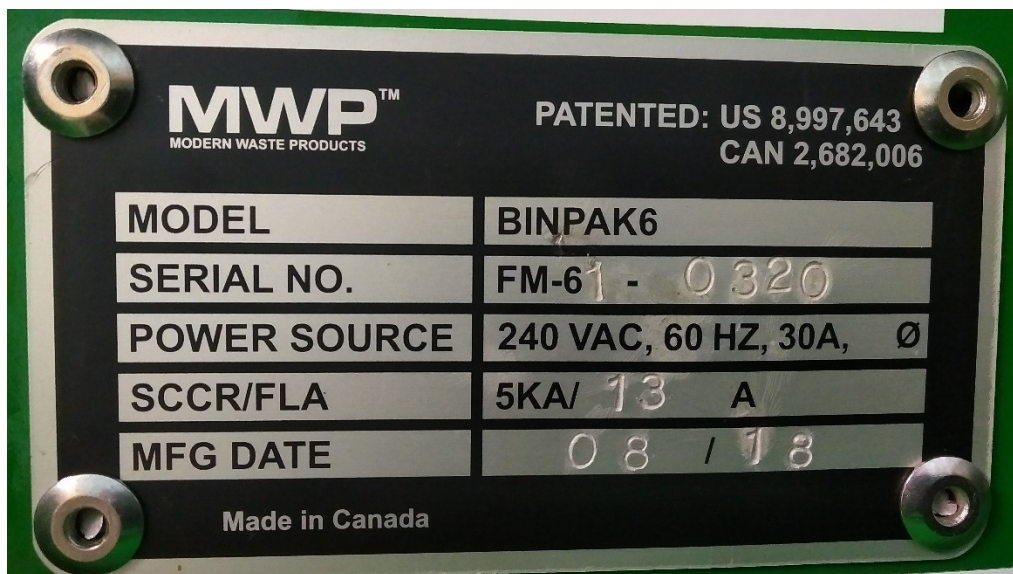
RECEPTACLE (on BINPAK)



## 4.0 Troubleshooting Guide

This basic troubleshooting guide is to assist the operator to solve basic issues with the unit. If any of these procedures do not solve the issue, please CALL for service.

<b>No Power</b>
Make sure that plug is fully inserted and collar is threaded hand tight. Make sure E-Stop button is pulled out (follow reset procedure if E-Stop was depressed)
<b>RED light on</b>
Make sure that door is closed tightly and latched. Make sure E-Stop is pulled out. Bin may be full.
<b>RED fault light is flashing continuously</b>
Call for service.
<b>Sound of machine changes just after door is closed and unit is cycling</b>
This is acceptable. When the machine is compacting, the pump will switch to a lower speed to help compact material better as the unit fills up.



**Serial Number Plate (Adjacent Power Connection)**



## 5.0 Basic Maintenance Manual

### 5.1 Washing & Cleaning

The *BINPAK*® may be washed with a mild soap and water using a cold-water pressure washer with a pressure not greater than 1500 psi. When using the pressure washer, take care not to remove any decals. The buttons and lights on the front may be washed with a pressure washer if the pressure is not greater than 1500 psi. Ensure that the electrical connector cord end nut is tightened to the receptacle prior to washing.

### 5.2 Door Hinges and Latches

All door hinges and latches yearly lubrication (minimum).

### 5.3 Hydraulic System

The *BINPAK* compactor has been designed to avoid the necessity of regular maintenance. The manufacturer recommends that once per year there should be a visual inspection of all hoses and hydraulic components. At this time, it is recommended that the hydraulic oil level be checked and oil added if necessary. All inspections must be done with compactor disabled and by a Modern Waste Products approved third party inspector.

Only a qualified technician (authorized by MWP) should service any components in the hydraulic system.

### 5.4 Electrical System

Only a qualified technician (authorized by MWP) should inspect and service any components in the electrical system.



## 6.0 Specifications

Dimensions		
Width (overall)		83 in
Depth		64 in
Height		83 in
Load Height		26 in
Load Door Opening Size		19 x 32 in
Weight (approx.)		2760 lbs
Volume		6 cubic yards
Electrical Requirements		
Voltage	208-230 VAC	208-230 VAC
Current	30 AMPS	30 AMPS
Phase	Single	Three
Hydraulics		
Pressure (max)		2400 psi
Pressure (working)		2000 psi
Hydraulic Oil		HVI 13
Reservoir Capacity		5 litre
Performance		
Cycle Time		52 seconds
Compaction Ratio (approx.)	waste	up to 6:1
	cardboard	up to 4:1
	recyclables	up to 8:1