



## Combination Fullness/Usage Management System

Model 300

**The powerful TrashMinder 300 Combination Management System joins the Usage System with the Fullness System. This amazing combination enables management to . . .**

- . . . track container fullness, reducing the number of container pick-ups, and**
- . . . control and track compactor usage from a remote PC.**

**These add up to significant cost savings!**

### **TrashMinder Fullness System Features & Benefits**

- ▼ The Fullness System electronically monitors a compactor's activity and reports container fullness levels to a PC. The Monitor automatically reports 'Full' and 'Empty' compactor container status.
- ▼ Eliminates unnecessary pick-ups of partially filled containers which reduces the number of pick-ups by an average of 20-40%! This reduces the costs to the compactor user, and builds the level of trust between haulers and their customers.
- ▼ Eliminates employee on-site involvement in checking and reporting container fullness levels.
- ▼ System intelligence eliminates false 'Full' readings caused by jams and pressure surges. Compactor usage fluctuations from seasonal activity or holidays are no longer a concern.
- ▼ Timely pick-ups assure a cleaner, safer work environment.

### **TrashMinder Usage System Features & Benefits**

- ▼ The Usage System controls access to use of a waste compactor and tracks and reports compactor usage.
- ▼ Compactor users enter PIN on Monitor keypad and/or use an optional ID card.
- ▼ Provides data for accurate and fair distribution of waste removal cost.
- ▼ A TrashMinder Monitor supports up to 256 accounts (users) per compactor.
- ▼ Oversized keypad for easy use, even with gloves.
- ▼ Large LED display for maximum visibility.

### **TrashMinder Computer Software Program**

- ▼ TrashMinder Software Program links TrashMinder Monitor to a computer
- ▼ Generates reports which provide a variety of management information
- ▼ Contains diagnostics for operation of Monitors and compactors
- ▼ Edit functions, opening, closing, locking out accounts, and retrieving usage totals for billing are performed on a PC
- ▼ The Program communicates with 1, or hundreds of Monitors.

*See reverse side of this sheet for computer system requirements*

# TRASHMINDER

Advanced System for Waste Compaction Monitoring

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### Standard System Features

- ▼ TrashMinder 300 Monitor: One TrashMinder Monitor is required for each waste compactor and is installed at the compactor site.
- ▼ All the Monitors operate in conjunction with the TrashMinder Software Program and are retrofittable to most new and existing waste compactors.
- ▼ Digital pressure transducer with snubber.
- ▼ Keypad - Lexan U.V. stabilized, weatherproof, easy to read LED display.
- ▼ Built-in board level modems.
- ▼ Built-in RS232 port.
- ▼ Programmable spare inputs and outputs.
- ▼ Power filter with surge protection.
- ▼ On-board LED status lights.
- ▼ Non-volatile memory (prevents data loss).

### Communication & Equipment Requirements

- ▼ Phone: Standard business line
- ▼ Computer: IBM compatible - 386 or higher; 50 MB free hard disk space and 1 MB extended memory
- ▼ 3-1/2 or 5-1/4 floppy drive
- ▼ Minimum 640 K RAM
- ▼ MS DOS version 5.0 or higher
- ▼ Color VGA Monitor
- ▼ Printer: 80 column standard

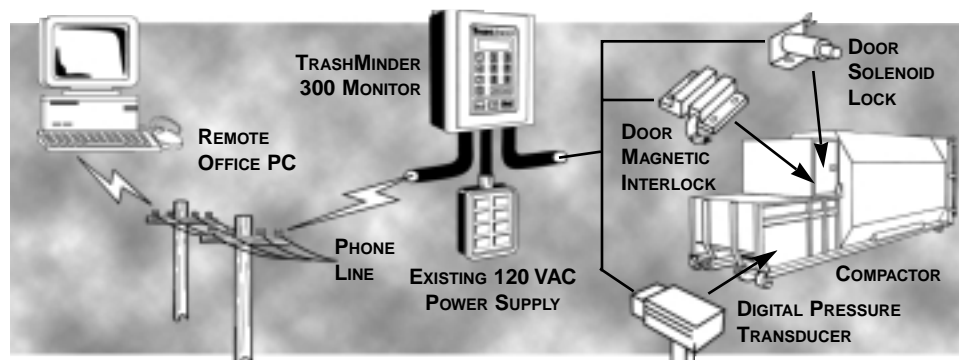
### Specifications

- ▼ **Power Requirements:**  
120 VAC 60 HZ 20 Watts 1/2 AMP
- ▼ **Operation Temperature:**  
-40° to + 140° F (-40° C to +60° C )
- ▼ **Enclosure / Dimensions:**  
NEMA 4 weatherproof, 14 (1.9mm) gauge steel, hasp for locking  
11" W x 13 1/2" H x 6" D  
(279mm W x 343mm H x 152mm D)

### Options

- ▼ Automated "pick-up" request sent to a Fax machine and/or a Pager
- ▼ **Compactor Diagnostic Maintenance Modules:**  
Monitors compactor hydraulic system; Automatically notifies need for service; Monitors oil level and temperature.
- ▼ **On-Site Indicator Light** to advise that a "full" message has been sent.
- ▼ **Phone Line Splitter System** to enable a single phone line to communicate with up to 5 TrashMinder Monitors.
- ▼ **Card Reader:** Alternative or additional means of accessing use of the compactor with an ID card
- ▼ **Generic and Custom ID Cards**

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TYPICAL CONFIGURATION DIAGRAM



#### MARATHON EQUIPMENT COMPANY

P.O. Box 1798 • Vernon, AL 35592-1798 USA • (205) 695-9105 fax (205) 695-7250 1-800-633-8974

130 Hwy. 339 • Yerington, NV 89447 USA • (775) 463-4030 fax (775) 463-4531 1-800-624-5724

901 Industrial Park Rd. • Clearfield, PA 16830 USA • (814) 765-0200 fax (814) 765-2072 1-800-922-7062

130 Bridgeland Ave. • Unit 210 • Toronto, Ontario • Canada • M6A 1Z4 fax (814) 765-2072 1-814-765-0200

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