



# Dump Commander

## Owner's Manual



# WARNINGS AND SAFETY INSTRUCTIONS

## Warnings

### WARNING SYMBOL DEFINITIONS



**DANGER!** Indicates an imminently hazardous situation that, if not avoided, will result in death or serious injury.



**WARNING!** Indicates a potentially hazardous situation that, if not avoided, could result in serious injury or death.



**CAUTION!** Indicates a potentially hazardous situation that, if not avoided, may result in minor or moderate injury.

**IMPORTANT!** Indicates information about procedures that, if not observed, could result in damage to equipment.

## General Safety

Do not operate or work on this equipment unless you have read and understood the instructions and warnings in this manual. Failure to follow the instructions or observe the warnings could result in injury or death. Contact Detecto Tech Support for replacement manuals. Proper care is your responsibility.



**WARNING!** Failure to follow instructions or observe warnings may result in serious injury or death.

- Do not allow children or inexperienced persons to operate the Dump Commander.
- Do not use for purposes other than dumping trash cans.
- Do not exceed the 150 lbs. load capacity of the unit.
- Do not make alterations or modifications to the unit.
- Do not remove or obscure warning labels.
- Do not use the dumper if any damage or unusual noise is observed.
- Keep hands, feet and loose clothing away from moving parts.
- Always watch the carrier and the container carefully when the dumper is in operation.
- The dumper is intended for use only on compacted, improved surfaces.
- The carrier must be fully lowered and the load must be removed before any work is performed on the dumper.
- Maintenance and repairs are to be done only by personnel qualified to perform the required work.

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## DISCLAIMER

While every precaution has been taken in the preparation of this manual, the Seller assumes no responsibility for errors or omissions. Neither is any liability assumed for damages resulting from use of the information contained herein. All instructions and diagrams have been checked for accuracy and ease of application; however, success and safety in working with tools depend largely upon the individual accuracy, skill and caution. For this reason, the Seller is not able to guarantee the result of any procedure contained herein. Nor can they assume responsibility for any damage to property or injury to persons occasioned from the procedures. Persons engaging in the procedures do so entirely at their own risk.

## FCC COMPLIANCE STATEMENT

This equipment generates uses, can radiate radio frequency, and if not installed and used in accordance with the instruction manual, may cause interference to radio communications. It has been designed within the limits for a Class A computing device pursuant to Subpart J of Part 15 of FCC rules to provide reasonable protection against such interference when operated in a commercial environment. Operation of this equipment in a residential area may cause interference, in which case the user will be responsible to take whatever measures necessary to correct the interference.

You may find the booklet "How to Identify and Resolve Radio TV Interference Problems" prepared by the Federal Communications Commission helpful. It is available from the U.S. Government Printing Office, Washington, D.C. 20402. Request stock No. 001-000-00315-4.

**Serial Number** \_\_\_\_\_  
**Date of Purchase** \_\_\_\_\_  
**Purchased From** \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
RETAIN THIS INFORMATION FOR FUTURE USE

### PRECAUTIONS

Before using this product, read this manual and pay special attention to all "NOTIFICATION" symbols:



**DANGER!**  
**WARNING!**  
**CAUTION!**

# INTRODUCTION

DETECTO's Dump Commander "does the heavy lifting for you," as its product slogan states. The Dump Commander solves the problem of transferring waste from your facility to the outside trash bin. The Dump Commander prevents injury due to heavy lifting and creates a safe work environment, potentially offering huge savings on worker's compensation insurance premiums.

The Dump Commander is narrow and mobile enough to wheel anywhere you need it and offers mechanical lifting power to dump commercial trashcan-sized containers into a larger bin. The rechargeable battery-operated system uses a single-column chain-drive lifting mechanism and can be operated by a single person. It quickly lifts up to 150-lb trash cans with the push of a single button and works with trash bins up to 82 inches high. The unit is operated via a hand-held pendant control on an 8-foot cord, employs a single Up/Down rocker switch for operation and is removable to prevent unauthorized usage.

The Dump Commander fits through a standard-size door frame (36 in wide X 79 in high) for storage inside. The trash dolly (included) with the Dump Commander fits off-the-shelf commercial trash can dollies

The purpose of this manual is to provide you with a guide through operation of your Dump Commander. Please read it thoroughly before attempting to use the trash can dumper and keep it handy for future reference



## SPECIFICATIONS

Model Number:	DC1
Outer Enclosure Construction:	ABS plastic covers
Internal Construction:	Steel structure with powder coat paint finish
Mobility:	Unit sits on four swivel casters
Power:	Two 24V batteries and electric gear motor
Trash Can Interface:	Interfaces with off-the-shelf commercial trash can dolly
Controller:	Unit is operated via a hand-held pendant control on an 8 ft. cord. Pendant employs single Up/Down rocker switch for operation. Pendant is removable to prevent unauthorized usage.
Trash Bins:	Dumps into trash bins that range in height from 48 in to 82 in and have an opening lip thickness ranging from 1-1/2 in to 2-1/4 in
Lifting Capacity:	Lifts up to 150 lb
Cycle Time:	Approximately 25 second cycle time (lift can – dump – lower can)
Door Frame Size:	Fits through a standard-size door frame (36 in wide X 79 in high) for storage inside
Charging System:	Employs a standard 110V AC wall plug
Over-Capacity Protection:	Unit will not lift a load greater than 150 lb
Country of Origin:	USA
Awards:	2016 Kitchen Innovations award winner
Bushings:	Dry-run or sealed used throughout (no lubrication maintenance required)
Dimensions:	33 in W x 32 in D x 77 in H (with dolly lift bar raised) / 84 cm W x 81 cm D x 196 cm H (with dolly lift bar raised)
Net Weight:	390 lb / 177 kg (without batteries)
Warranty:	1 year
Batteries Charge Time:	6 hours
Batteries Estimated Life Between Charges:	4-6 days
Trash Can Sizes:	Accommodates 33, 44, and 55 gallon trash cans
UPC Code:	809161203103
Shipping Weight:	454 lb / 206 kg
Shipping Dimensions:	39 in W x 43 in D x 84 in H / 99 cm W x 109 cm D x 213 cm H

## FEATURES

- Creates a Safe Work Environment
- Hand-Held Controller with 8-ft Cord
- Interfaces with Off-the-Shelf Commercial Trash Can Dolly
- No More Spilled Trash Due to Bag Breakage
- Portable: Unit Sits on Four Swivel Casters
- Potential Savings on Work Comp Insurance Premiums
- Prevents Injury Due to Heavy Lifting
- Quickly Lifts up to 150-lb Trash Cans with the Push of a Single Button
- Operation by Two 24V Rechargeable Batteries
- Requires Less Manpower to Dump Trash for Overall Cost Savings
- Works with Trash Bins up to 82-inches High

## OPTIONS

- |                     |   |
|---------------------|---|
| <b>8131-0111-0A</b> | Dolly Assembly, Dump Commander, Dolly with Attached Bracket |
| <b>8131-0112-0A</b> | Dolly Receiver Bracket, Dump Commander                      |

## UNPACKING

Every unit is thoroughly tested and inspected prior to shipment, however, it is possible that the unit could incur damage during transit. Inspect the unit closely when it arrives. If you see evidence of damage or rough handling to either the packaging or to the product when it is being unloaded, immediately make a note of it. It is the responsibility of the purchaser to file all claims with the shipping company for damages or loss incurred during transit

It is important that you remove the product's packaging upon its arrival to ensure that there is no concealed damage and to enable a timely claim with the carrier in case of freight damage.

# COMPONENT IDENTIFICATION



BIN CLAMP

BIN CLAMP  
HANDLE

BUMPER  
HITCH PIN

BUMPER

LIFTING  
CRADLE

LIFT BAR



LIFT BAR RECEIVER



CONTROL PENDANT



# OPERATION

Ensure that all employees involved in the operation of this dumper understand and follow these instructions!



**WARNING!** The lifting capacity of the dumper is 150 lbs. and includes the weight of the trash can and dolly. Do not exceed the dumper's lifting capacity. Injury to personnel or damage to the dumper could result from exceeding the 150 lbs. capacity.



**WARNING!** ALWAYS attach unit to trash bin before using.



**WARNING!** DO NOT STAND under overhead loads. Keep all personnel clear of the unit when it is in operation. Be certain no part of any person or object is under any part of the trash can before lowering the unit.



**CAUTION!** Always carefully watch the unit and the load being dumped when it is in operation.



**CAUTION!** Never use the dumper if any damage or unusual noise is observed, if it is in need of repairs, or if it seems to be malfunctioning. Notify your supervisor or maintenance personnel immediately.



**CAUTION!** Transport unit by pushing ONLY on yellow parts.

1. Raise the dumper cradle approximately midway then grasp the cradle and roll the dumper to the trash bin.

**NOTE:** When rolling the dumper across the ground, use a moderate pace of 2 feet per second.

Step 1



2. Loosen the bin clamp handle and raise the clamp well above the top lip of the trash bin.
3. Pushing on the cradle, move the dumper toward the trash bin until it is against the trash bin. Lower the bin clamp until it is on the top lip of the trash bin and then tighten the bin clamp handle.



Step 2



Step 3



Step 4

4. Next, remove the bumper hitch pin and then adjust the bumper so that it either touches the bin, or if it is not possible to set the bumper exactly against the bin, to the next-closest setting using one of the four available holes.
5. Lower the lift bar to the down position. Roll the trash can toward the dumper, align the lift bar receiver with the lift bar and guide the trash can onto the lift bar.



Step 4



Step 5

6. Secure the trash can to the dumper cradle with the cinch strap (see Step 6A and Step 6B).  
**NOTE:** The trash can must be completely against the cradle before beginning the dumping operation.



Step 6A



Step 6B

7. If not attached, plug-in the control pendant cable and hand-tighten the connector.
8. After attaching the control pendant cable (or if it's already attached) remove the control pendant from the holder on the side of dumper. **NOTE:** Make sure that the cable is clear of the lifting cradle.



Step 7



Step 8



9. Press and hold the **UP** button on the control pendant to lift and dump the trash can.
10. When the dumper has completed lifting and dumping the trash can, release the **UP** button.



Step 9



Step 10

11. Next press and hold the **DOWN** button to lower the trash can to the ground.
12. When the trash can is completely on the ground, release the **DOWN** button.



Step 11



Step 12

13. Place the control pendant in the holder on the side of the dumper ensuring the cable is clear of the lifting cradle and trash can.

14. Release the cinch strap securing the trash can to the dumper cradle.



Step 13



Step 14

15. Roll the trash can away from the dumper and off the lift bar



Step 15

16. Repeat steps 5 through 15 for any additional trash cans.

## CHARGING THE BATTERIES

The Dump Commander uses two rechargeable batteries (24V batteries included) to operate the lifting system. The outdoor-grade AC plug-in has a weather-proof cover enabling the Dump Commander to be left outdoors in varying weather conditions. To charge the batteries, you simply connect a standard industrial-grade extension cord to the charging port on the bottom side of the unit and then plug the extension cord into an AC outlet.

1. Open the cover on the charging port to expose the outlet.
2. Connect a short industrial-grade 110v/60Hz single-phase extension cord to the dumper.



Step 1



Step 2

3. Next plug the extension cord into an AC outlet.
4. Charging time for fully discharged batteries should be approximately 6 hours but could vary depending on temperature and other factors.

**NOTE:** The internal charger will stop when the batteries are fully charged and then maintain the charge at an appropriate level. Note that charging the batteries for more than 6 hours *will not* damage them.

5. Charge frequently, nightly if possible.



Step 3





Printed in USA

8131-0163-0M Rev B 02/17



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