

MARK-COSTELLO

# Cart Dumpers & Cart to Cart Dumpers

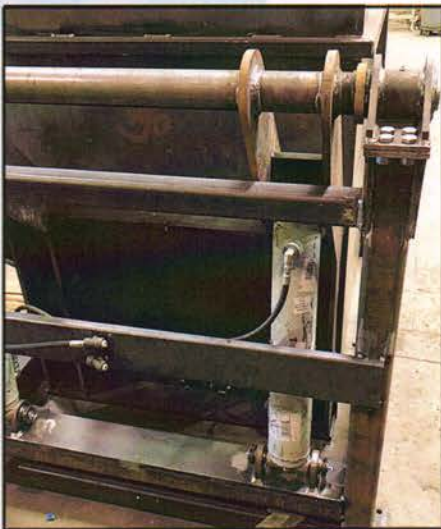
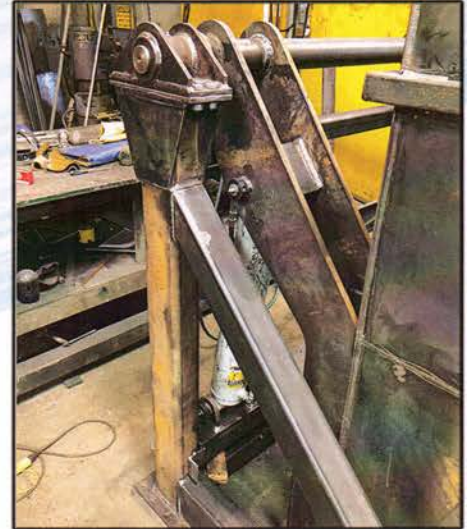


*Systems & Solutions Since 1956*



Compare a Mark-Costello Co. cart dumper with any other hydraulic cart dumper on the market, and you'll quickly discover why Mark-Costello is the premiere cart dumper. Components are selected for rugged heavy duty use with special attention to longevity and minimum maintenance. Only the highest standards of quality can be found in the manufacturing process. That's why you will find Mark-Costello's hydraulic cart dumpers "dumping trash" long after other brands have been scrapped.

- ✓ Heavy duty thick wall tubular steel frame for strength & stiffness
- ✓ Precision built
- ✓ Large diameter pivot shaft with high capacity self-lubricated replaceable non-metallic brushings
- ✓ Heavy duty large bore dual hydraulic cylinders with large diameter rods for increased column strength and faster cylinder return stroke



- ✓ Steel frame integrally resists all hydraulic cylinder forces
- ✓ Anchor bolts resist only low magnitude static & dynamic loads
- ✓ Therefore, anchors will not "pullout" of supporting concrete like competing brand dumpers
- ✓ High capacity hydraulic pump with large fluid reservoir, with manual control valves for smoother operation
- ✓ Available in heavy-duty models that can handle up to 5,000 pounds
- ✓ Various pivot heights available

- Free standing or dock installation
- Safe and reliable design
- Use on compactors and balers
- Custom and extreme duty units available



## Carriage Dumper Applications Solid Waste & Recycling

MC



Side load carriage dumper  
with one cubic yard  
tilt hopper-dumping into  
self-contained compactor.

End load carriage dumper  
with one cubic yard tilt  
hopper dumping into load  
chute.

End load - portable carriage  
dumper attachment dumping  
one cubic yard tilt hopper into  
self-contained compactor.

*Leasing and Rental Programs Available*



# Fork Style Dumper - Solid Waste Application



Side load fork dumper mounted on stationary compactor -dumping two cubic yard carts from a trainable cart system.

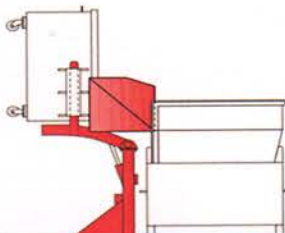
End load fork dumper dumping two cubic yard carts into self-contained compactor. 95 gallon cart – cart dumper side mounted working in conjunction with fork dumper.

End load fork dumper dumping two cubic yard carts from a trainable cart system.

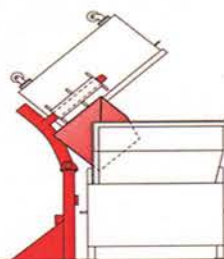
## In Action ...

Container is rolled into dumper arms. Mark-Costello's 5hp or 10hp power pack is activated from outside the area of operation.

Special guards prevent spillage or leakage even in the vertical position. Operator has full control of cycle at all times.



Container is tilted a full 45 degrees past vertical, assuring complete cleanout. Dumping cycle is 34 seconds for the heavy-duty model.





# Fork Style Dumper - Recycling Application

Trainable Cart System with Horizontal Baler

MC



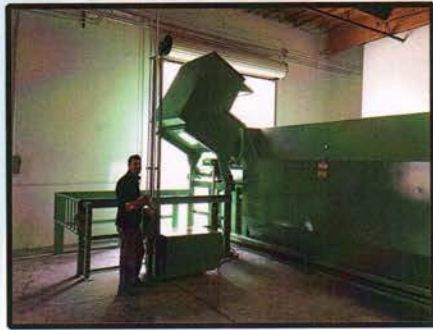
Standard Carts



Custom Carts Available



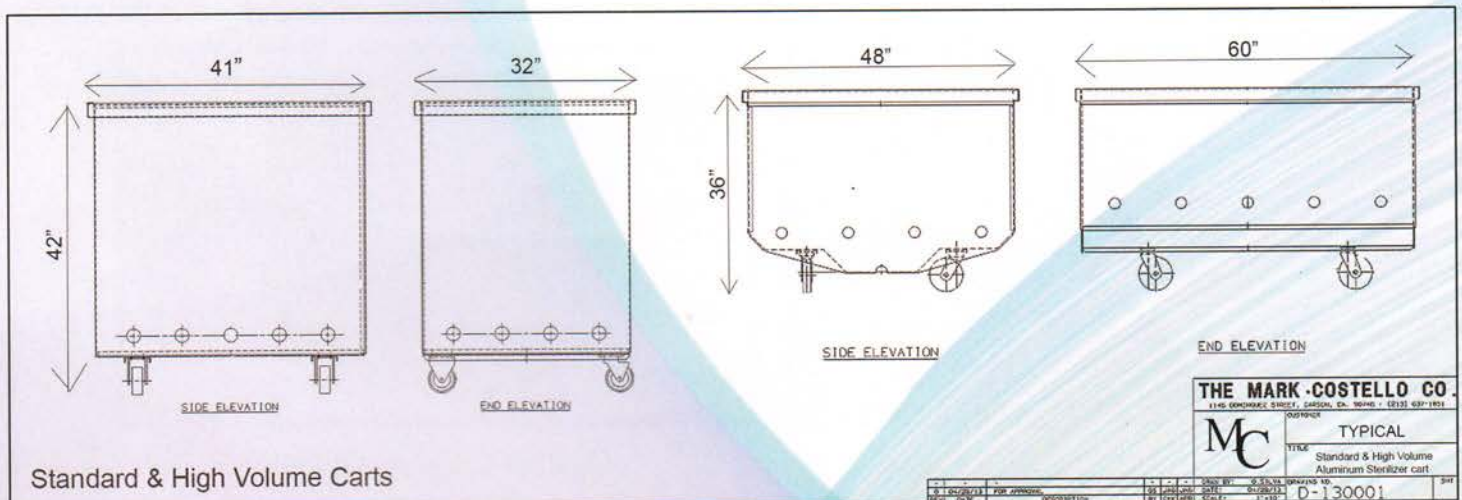
## Fork & Carriage Dumper Medical & USDA Waste Application



Side load carriage dumper  
dumping high volume  
autoclave carts into  
stationary compactor.

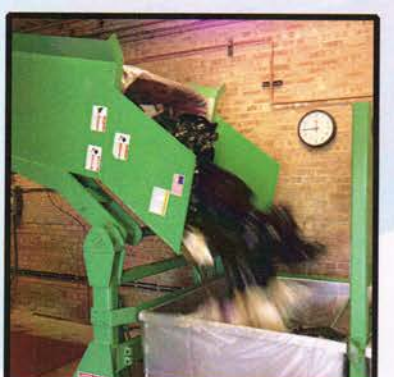
Side load carriage dumper  
dumping high volume  
autoclave carts into  
self-contained compactor.

End load fork dumper  
dumping high volume  
autoclave carts into  
self-contained compactor.





## Container/Cart-to-Cart Dumper Medical & USDA Waste Application



Container/Cart dumper with portable container dumper attachment dumping various size RMW container into high volume autoclave cart.

Container/Cart dumper dumping 95 gallon RMW cart(s) into high volume autoclave carts

Container/Cart dumper dumping one cubic yard Regulated Garbage into high volume autoclave cart.





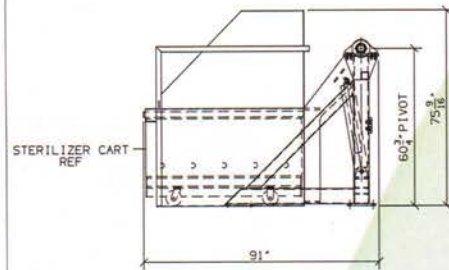
# MARK-COSTELLO

## THE MARK-COSTELLO CO.

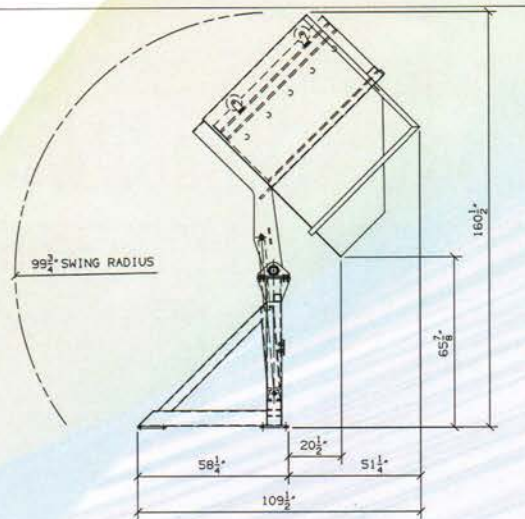
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EQUIPMENT  
ASSX HV CART HD TIPPER, 60.75" PIVOT  
FOR GROUND LEVEL RJ250 COMPACTOR

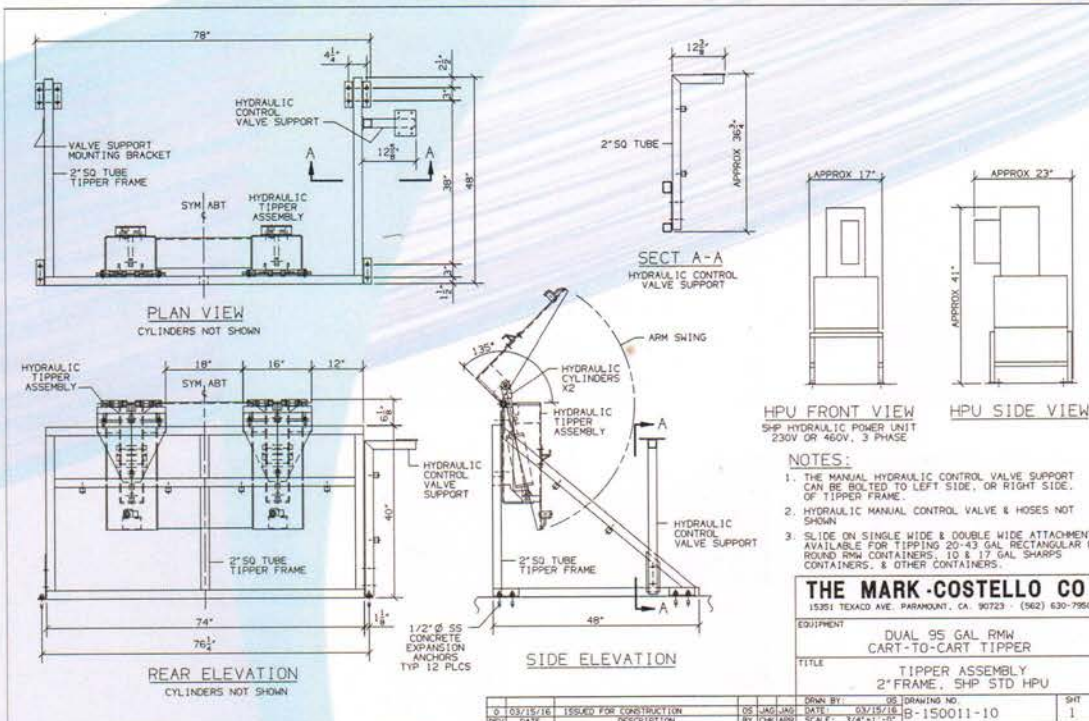
TITLE  
CART TIPPER ASSY



SIDE VIEW  
WITH CARRIAGE AT LOADING POSITION



SIDE VIEW  
WITH CARRIAGE AT  
DUMPING POSITION



### Specifications

	Cart to Cart	Cart Dumper		Cart to Cart	Cart Dumper
Cylinders (2):			Motor Size	5 hp	10 hp
Bore	3"	4 1/2"	Controls	Manual	Manual
Rod	1 1/8"	2 1/2"	Cycle Time	10.5 sec.	34 sec.
Stroke	8"	25"	Weight Capacity	up to 800 lbs.	up to 5,000 lbs.
Hydraulic Pressure	1,800 psi	1,000 psi	Tilt Cart Weight Capacity	up to 600 lbs	up to 4,500 lbs.
Hydraulic Pump Capacity	5.2 gpm	10 gpm			

15351 Texaco Ave  
Paramount, CA 90723  
mark-costello.com  
(562) 630-7950

