



**COMPACTION**  
TECHNOLOGIES

# Compactor Case Study – Mercy Hospital, Joplin, MO



Mercy Hospital Joplin is a major player in the SW Missouri Healthcare industry. Joplin's cafeteria is a central gathering point for hospital visitors, volunteers, walk-in patients, and staff.

Cafeteria is a highly visible area to hospital Administration and Board of Directors.

Cleanliness and Sanitation are high priorities.



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# Compactor Case Study- “Pre” conditions

14 trash cans distributed across cafeteria and coffee shop seating area

High-volumes of light, fluffy trash...require 1.6 labor hours among 2 housekeepers per day

Long distance to transport trash around cafeteria to dumpster and back (over 1,000 ft one way)

Trash cans frequently over-flowing, causing guests to push-down trash by hand to make room for their deposit

	Pre
Trash Cans	14
Compactors	
Daily Trash Bag use	32
Bag Cost per day (@ \$0.15/ea)	\$4.80
Dining Room Trash “runs” per day	3
Distance per Trash Run (feet)	2,100
Bag change time (minutes)	48
Travel Time (minutes)	48
Total Labor Time (minutes)	96
Dedicated Dining Room Labor hrs / day	1.60



# Compactor Case Study Customer Experience



# Compactor Case Study- “Post” conditions

Replaced 14 trash cans with 4 Original ecotrash® compactors.

Went from 32 bags/day to 7/day and reduced travel distance

Eliminated over-flowing trash cans, improved cafeteria cleanliness

Eliminated germ-passing with “hands-free” trash deposits

	Pre	Post	Change
Trash Cans	14	0	
Compactors	0	4	
Daily Trash Bag use	32	7	
Bag Cost per day (@ \$0.15/ea)	\$4.80	\$2.25	(\$2.55)
Dining Room Trash “runs” per day	3	1	-2
Distance per Trash Run (feet)	2,100	1,386	
Bag change time (minutes)	48	10.5	
Travel Time (minutes)	48	11	
Total Labor Time (minutes)	96	21	
Dedicated Dining Room Labor hrs / day	1.60	0.35	-1.25
Value of Clean Cafeteria (daily)			\$\$\$
Value of improved Guest Experience (daily)			\$\$\$
Value of reduced germ passing (daily)			\$\$\$
Value of Plastic Bags Saved (daily)			\$2.55
Opportunity cost of Labor Savings (daily)			\$26.15



# Compactor Case Study Customer Comments



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