



CASCADE
engineering

shaping ideas in plastics™

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We provide innovative solutions to the increasingly difficult challenges faced by our customers. We accomplish this through a marriage of technological advancements and strong personal and corporate relationships, both of which are built on a commitment to excellence. Most important, we offer this faster than expected, because speed to market is a crucial factor for all of our clients.

At Cascade Engineering, we are continually shaping ideas in plastics through materials development, engineering and manufacturing of plastics products for the solid waste industry. We look forward to the opportunity to create solutions that make sense for you, and for your bottom line.



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AN AUTOMATIC SOLUTION FOR

AUTOMATED COLLECTION



The operating advantages expected from automated collection systems are delivered in full with the introduction of the 96 Gallon Fully Automated Cart from Cascade Engineering. The Fully Automated Cart is an injection-molded, high-density polyethylene cart designed to withstand the abuse of fully automated systems. The Fully Automated Cart's profile is engineered to optimize contact at the grabber-cart interface. Its rugged design meets all applicable ANSI standards for safety, compatibility, and performance.

GENERAL

- Injection molded for structural integrity, uniformity and superior durability
- Low-profile lid for maximum stability in wind
- Weathers seasonal temperature extremes (from -30° to +120° F)
- UV stabilized against long-term effects of the sun
- Impervious to most household chemicals and solvents
- Excellent impact resistance
- 100% recyclable
- Smooth, seamless surface inside and out for excellent appearance and effortless cleaning
- Interior and exterior of lid can be in-molded with custom graphics
- Stacking ribs ease shipping and handling
- Several standard and custom colors are available – green, blue, gray, black, brown and burgundy



BODY

- Engineered to pass easily through standard 30" doors
- Designed to promote excellent balance and easy handling
- Top rim reinforced with molded structural grid support for extra strength
- Double wear strip on cart floor extends service life
- Drip edge repels rain and insects

LIDS/HINGES

- New, low-profile lid enhances stability
- Carts delivered with lids attached to reduce assembly time
- Lid design eliminates need for secondary latch
- Self-opening for easy dumping
- Handles incorporated with hinges for easy cart control
- Literature hook molded into lid for easy distribution of educational materials

WHEELS/AXLE

- 100% recyclable
- Snap-on wheels simplify assembly

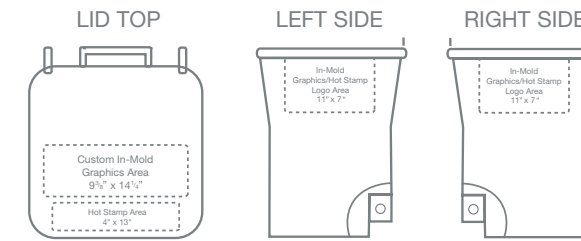
IMPRINTING

- In-mold bar-coding on cart body front
- In-mold graphics available on lid and body
- Hot-stamping of serial numbers – up to 10 digits, 1.5" high
- Hot-stamping of custom graphics

IN-MOLD GRAPHICS

Our unique graphics in-molding process allows full-color images to be molded directly into the lid or side panels of the cart, creating a permanent, fade-resistant bond that cannot be scratched off or damaged. This process can be used to in-mold safety or care instructions, disposal and/or recycling directions, company logos, municipal seals and sponsorship images. In-molded graphics can be used with or in place of hot stamping, providing a comprehensive imprinting solution.

96 GALLON FULLY AUTOMATED	
Width	29.5"
Depth	38"
Height – Lid to Ground	44"
Height – Cart Only	43"
Wear Strip	1/2"
Volume	96 gallons
Assembled Weight	38 pounds
Wheel Diameter	10"
Axle	7/8"
Stack Height	13
Carts per Truck	637 per 53' trailer



In-Mold Graphics and Hot Stamp Layout Areas

