



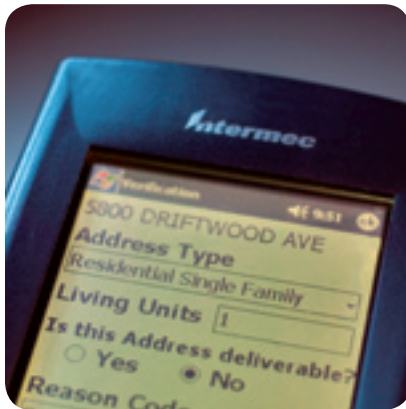
INNOVATIVE INTELLIGENT CAREFREE INNOVATIVE INTELLIGENT CAREFREE  
INNOVATIVE INTELLIGENT CAREFREE





## Cart solutions designed with You in mind.

Cascade Cart Solutions is an industry leader in providing solutions to the solid waste and recycling industry. We pride ourselves in designing products and solutions with you in mind. Big or small, hauler or municipality, we've got the products and services to make your job easier, and to help your business run more efficiently.



### INNOVATIVE

At Cascade Cart Solutions you will find a broad range of innovative product offerings that includes universal and automated carts for solid waste and recycling collection. Our EcoCart® is the first container with up to 50% recycled content and made using our advanced co-injection process.



### INTELLIGENT

Cascade Cart Solutions adds intelligence to carts to help collect information and manage operations more efficiently. The SmartCart™ comes equipped with the Xtreme Tag® RFID, allowing you to generate information on all aspects of your business, maximize profits and reduce waste.



### CAREFREE

From the moment you purchase your carts, we will take care of the rest. We provide seamless assembly and distribution to your residents, verification that the customer database is accurate, maintenance throughout the lifetime of the carts, and recycling of the carts at the end of their useful life. With Cascade Cart Solutions, you can focus on your business and leave the cart management to us.

## ICON Series – A Symbol of Excellence

The ICON Series from Cascade Cart Solutions is a symbol of excellence in residential carts. Our carts have performed in the industry for over 20 years, and are compatible with virtually all semi and fully automated systems on the market today. With the ICON Series you will get a product that is designed for exceptional performance, durability and functionality. A true symbol of enduring performance.

ICON Series is available in three different sizes – 96 Gallon (Universal and Automated), 64 Gallon Universal and 35 Gallon Universal. Backed with a 10 year warranty, the ICON Series is guaranteed to the highest standards, meeting and exceeding all ANSI requirements for safety, compatibility and performance.

**ALWAYS FUNCTIONAL**  
**ALWAYS DEPENDABLE ALWAYS DURABLE**



FEATURES

Material:	100% recyclable High Density Polyethylene
Process:	Injection molded
Capacity:	35, 64 and 96 gallon
Assembly:	Quick and simple – snap on wheels, axles and one-piece lift bar (composite or steel)
Durability:	UV stabilized, rugged design, weathers seasonal temperatures
Performance:	Optimal compatibility and functionality with both semi and fully automated systems
Design:	Easy handling, excellent balance and stability
Warranty:	10 years

CART ART

Colors:	Several standard and custom colors available
Hot Stamps:	Available in white, black, yellow and custom colors for body and lid
In-mold Lid Label:	Our unique in-mold graphics process allows full-color images to be molded directly into the lid, creating a permanent, fade-resistant bond that cannot be scratched off or damaged. In-mold graphics can be used to display safety or care instructions, disposal and/or recycling directions, company logos and municipal seals.
Warranty:	10 years on in-mold lid label



	35 GALLON UNIVERSAL	64 GALLON UNIVERSAL	96 GALLON UNIVERSAL	96 GALLON AUTOMATED
Width	19"	24"	26"	29.5"
Depth	23.75"	27"	34.5"	38"
Height - Lid to Ground	37.5"	41.5"	46"	44"
Height - Cart Only	35"	38.75"	43"	43"
Wheel Diameter	8"/10"	10"	10"/12"	10"/12"
Axle	5/8"	5/8"	.844"	.844"
Carts Per Stack	9	9	9	10
Carts Per 53' Truck	1080	720	522	530





## EcoCart®

The EcoCart from Cascade Cart Solutions is an eco-friendly waste and recycling collection cart that contains up to 50% recycled content and carries a third party certification. We use our innovative co-injection process to create a container that has high recycled content, exceptional durability and a high quality finish.

With the EcoCart, recycling has come full circle. By making carts with recycled content, we are helping to put back what's thrown out, increasing landfill diversion and enabling cities to meet their sustainability initiatives.

### FEATURES

<b>Material:</b>	Up to 50% post consumer resin
<b>Process:</b>	Injection molded / Co-Injection
<b>Capacity:</b>	35, 64 and 96 gallon
<b>Durability:</b>	10 year warranty, optimal compatibility and functionality with both semi and fully automated systems
<b>Finish:</b>	Solid and Swirl/Recycled

Finish	Colors	Recycled Content	Available Sizes
Swirl/Recycled	 Blue  Gray  Green	40%	96 gallon 64 gallon
Solid	 Black	50%	96 gallon 64 gallon 35 gallon

## SmartCart™

The SmartCart from Cascade Cart Solutions is an ICON Series cart outfitted with the Xtreme tag® brand of radio frequency identification tags. The Xtreme tag Snap In is designed exclusively to snap into the front rim of the ICON Series carts, saving time, effort and money. With the Xtreme tag design, you can be assured that the intelligence provided is protected from harsh environments and functions in extreme temperatures, ranging from -40C to 85C (-40F to 185F). The Xtreme tags are available in UHF and LF, and can also be riveted onto any cart or container.

### BENEFITS

- Assign a RFID tag number to a specific location
- Generate information on waste and recycling for your community
- Determine participation rates / landfill diversion
- Measure efficiencies for each route
- Maximize profits for waste and recycling



## Recycling

Whether you're considering a single stream or source separated recycling program, Cascade Cart Solutions has the products and systems to help build and implement an efficient recycling project.



Our ICON Series of containers are ideally suited for single stream recycling, with in-mold lid labels that can be used for displaying specific recycling instructions. We also offer a variety of recycle bins for curbside and desktide collection.

### FEATURES

<b>Material:</b>	25-55% recycled content / High Density Polyethylene
<b>Process:</b>	Injection molded
<b>Capacity:</b>	Curbside – 14, 18 and 21 gallon Desktide – 14 and 28 quart
<b>Warranty:</b>	5 years

## Waste-Mate®

Waste-Mate is a versatile container that accommodates the needs of public waste and recycling collection. Featuring a double wall body, the Waste-Mate's durable, corrosion-free construction ensures years of indoor and outdoor service. The body and tub assemble quickly and the containers are easily movable with a hand truck.



Whether on the street or at the park, in a sports complex or shopping mall, the Waste-Mate fits into any collection environment.

### FEATURES

<b>Material:</b>	Linear Low Density Polyethylene
<b>Process:</b>	Rotationally molded
<b>Capacity:</b>	64 gallon
<b>Color:</b>	Body – Dark Granite Gray Base and Liner - Black
<b>Warranty:</b>	1 year



# Cart Care

Cart Care is a complete cart management program designed to give you worry free ownership of your cart base. We provide seamless assembly & delivery, verification that your customer base is accurate, management of the cart throughout its lifetime, and recycling of the cart at the end of its useful life. We do this while providing you with the highest level of communication, documentation and information to help you run your business. With Cart Care, you can focus on your business and leave cart management to us.

## WHAT MAKES CART CARE DIFFERENT?

Cart Care products can be customized to address challenges that are specific to your business. Whether you require basic assembly & delivery or complete cart management through a Cart Care Center, we can tailor our product to meet your needs.

We use SmartCart™ technology and web based software to assign the container to a specific address, measure its activity, and then provide you with ongoing information on your cart base. You will know where each cart resides, as well as its management history.

## CART2CURB

The Cart2Curb assembly & delivery program includes detailed project planning, and professional curbside delivery to your residents. We provide:

- Dedicated crews and equipment
- On-site program management
- Monday through Saturday dawn to dusk deliveries
- Delivery of literature with each cart
- Electronic assigning of assets to addresses
- Managing of inventory
- Web based daily reporting



## CART CARE CENTERS

A Cart Care Center is established to house all repair activities, delivery trucks and inventory of new and refurbished carts. We take care of all activities related to your residential cart base so you can focus on collection and hauling operations. We provide:

- Completion of customer work order tickets (Deliveries, Swaps, Removals, Repairs)
- Managing of inventory
- Cart washing
- Cart inspection
- Reporting
- Recycling of carts at the end of their useful life

## CART2CART

We are committed to environmental sustainability, helping companies and municipalities reduce their carbon footprint by recycling carts at the end of their useful life. We will recover any brand of HDPE injection molded carts and recycle bins, grind them into flake material and re-pelletize the material which then will be used in new containers made using our co-injection process. We are committed to this closed loop system and will work closely with your organization to take back containers in the most efficient way possible.



# Route Check

Route Check will capture lost revenue, generate new revenue and clean your customer database. Keep your business in check with Route Check.

## ROUTE CHECK WILL...

### Capture Lost Revenue

By auditing each residential / commercial address within your collection routes, Route Check will capture more accurate information and eliminate free service by:

- Providing complete addresses
- Updating incorrect addresses
- Ensuring number of living units in multi-family structures
- Recording dwelling types
- Providing a list of unbilled customers

### Generate New Revenue

Change is inevitable within communities. Residents build new homes, buy existing homes and change collection service. Businesses purchase, terminate and change commercial service frequently as well. Route Check will track these movements and generate revenue by:

- Identifying new construction sites
- Discovery of new homes / customers
- Match container size to billing size

### Clean Customer Database

The value of Route Check is cleaning the database that pays you. The output is a complete and accurate customer database that can be imported into your billing system. Implement the Route Check program and start collecting revenue today.

## DID YOU KNOW...

3-8% of homes on a standard collection route are not in the database that pays you?



# Commercial Containers

Cascade Cart Solutions offers a complete line of rotationally molded plastic frontload and rearload containers. Spend less time, less effort and less long-term expense on maintenance over the life of the container. Cascade's containers are durable, rugged and backed with a 5 year prorated warranty.

## FRONTLOAD

Frontload containers are designed for use with most frontload truck bodies with pockets. All units have 3/16" front bumpers, 3/16" elongated side pockets, 3/16" top rails on all four sides and 3/16" formed caster channels.



## REARLOAD

Rearload containers are designed for use on most rearload packer bodies. Each unit has 3/16" top rail on sides and back, 1 1/4" solid trunnion 78" long with 3/16" gussets welded solid from side rail to trunnion and 3/16" formed steel caster channels.



## FEATURES

Material:	100% recyclable Low Density Polyethene
Process:	Rotationally molded
Capacity:	2, 3 and 4 Yard Frontload / 1.5 and 2 Yard Rearload
Durability:	UV stabilized, dent / impact resistant, and longer product life than metal
Performance:	Quiet (50 decibels less than metal counterpart), rust free (never needs painting) and simple to clean
Design:	Stackable, lightweight and easy to maneuver, assembled with stainless steel fasteners for long life

Size	Truckload Qty. (53')	# Per Stack	Loading Rate (lbs)	Weight (lbs)	Dimensions D x W x H (includes casters)	Stacked Dimensions (includes casters and lids)
2 Yard Frontload Poly lid with casters	60	5	1500	370	41" x 82" x 52"	51" x 82" x 88"
3 Yard Frontload Poly lid with casters	50	5	2000	450	55" x 82" x 60"	70" x 82" x 96"
4 Yard Frontload Poly lid with casters	45	5	3000	492	59" x 82" x 69"	74" x 82" x 101"
1.5 Yard Rearload Poly lid with casters	78	6	1000	235	36" x 78" x 48"	48" x 78" x 88"
2 Yard Rearload Poly lid with casters	72	6	1500	285	48" x 78" x 48"	60" x 78" x 88"

## Lifters

Cascade Cart Solutions offers a full line of lifters that meet all the rigorous requirements of semi automated collection systems. Cascade has numerous **Rotary Actuator Lifter** and **Cylinder Style Lifter** solutions that will satisfy any lifter application, be it side, front or rear loading. Cascade will work with you to design a custom system to meet your current and future collection needs.



## RECYCLING SYSTEMS CLOSING THE LOOP

WATER

## Sustainability

At Cascade Cart Solutions, a division of Cascade Engineering, we believe that sustainability drives innovation and growth across the three capitals that comprise the Triple Bottom Line. Cascade Engineering was founded in 1973 with the belief that a business could be profitable as well as socially and environmentally responsible. Over the years, this philosophy of business has been transformed into a commitment to achieve a sustainable enterprise with specific financial, social and environmental goals. We realize that our actions today impact the world of tomorrow, and - uniquely - as a private company, we have a special opportunity to demonstrate this commitment in our daily work.

We embrace sustainability and demonstrate our commitment through the many products and businesses we are developing.

RECYCLED CONTENT  
RENEWABLE ENERGY





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cart solutions

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