



US Patents D710,625 S;  
D710,139 S.

US Patent D785,269 S.



VICTOR  STANLEY®





*Create a timeless moment.®*

*This book is dedicated to the memory of our parents*

*Emanuel and Malvina Skalka*

*whose love, morality, and integrity have been our inspiration and our guide.*

*Stan Skalka • Jerry Skalka*



MANUFACTURERS OF TIMELESS SITE FURNISHINGS

*Since 1962*

Many Victor Stanley™ products are covered by patents including but not limited to those listed in this catalog. Contact us for questions regarding patents. Drawings contained throughout this catalog are not to scale. Specifications are subject to change. Lid drawings are close representations of actual lids. U.S. Green Building Council logo is a trademark of the U.S. Green Building Council. © 2018 Victor Stanley, Inc.\* All rights reserved.



*Dunkirk, Maryland circa 1963.*

**VICTOR STANLEY**, a leader in quality site furnishings, helps you bring your visions to life. From benches and bike racks to smart litter receptacles, which use our Relay Sensor and Service to enable efficient collection routing, we meticulously design, engineer and manufacture every detail to ensure our site furnishings will withstand the test of time. Founded over 57 years ago, we help create a place for people to gather, live life and make timeless moments.

Carefully integrated designs and innovative use of materials and technology embody our commitment to produce durable, strong, functional, attractive, and comfortable site furniture. Remaining current in the marketplace defines our daily efforts. This includes meeting the challenges of changing designs and the welcome growth in acceptance of the need to protect the environment. We combine tested, as well as unique materials and manufacturing techniques, in new and exciting ways. We take time to solve difficult engineering problems. We listen to the invaluable suggestions, requirements, and criticism of landscape architects, architects, cities and municipalities, designers, urban planners, engineers, end-users, and customers throughout the world.

Our manufacturing goal is to provide consistent value and quality in each component of our products: in every piece of steel, in every casting, in every piece of recycled plastic, in every piece of hardware, and in every species of wood. With 200,000 square feet (18,500 square meters) of manufacturing space, our two modern factories in Maryland utilize four custom-designed state-of-the-art powder coating systems, fourteen computerized welding robots, complete in-house extrusion process for recycled slats, and automated metal and wood-working equipment.

In a very real sense, our company helped pioneer the use of powder coating. We began to use the technology in 1970 when powder coating was little more than a theoretical process. Since then, as the

process progressed from the laboratory stage to the factory floor worldwide, we have continued to participate in its development. Today, our factories contain four complex, effective, and efficient powder coating systems. Technical experts from Fortune 50 companies have visited our factories to observe our powder coating technology, and it has been the subject of an important article in a technical coating publication.

Victor Stanley has designed, engineered, and manufactured a remarkable system to reinforce recycled plastic slats: a process that results in a product with superior mechanical properties. This process is our innovative response to the universal need to preserve resources and protect the environment. We also offer standard recycled plastic slats for many of our products.

In the 1980s, when the now obsolete 286 chipset was the cutting edge of computer technology, Victor Stanley began using Computer Aided Design and Drafting tools to enhance our ability to work closely with designers, architects, and our customers with special projects. Today we remain committed to harnessing technology through the use of 3-Dimensional Computer-Aided Design and Drafting (3D CAD) tools, and Computer Numerical Control (CNC) machining. We provide product specification drawings in SKP, DWG, DXF, and PDF file formats. Our full in-house engineering, graphics, and design departments ensure that our high standards for both design and function are consistently not just met, but exceeded.

Thousands of our product installations are found throughout the USA and Canada, and we also export to more than twenty other countries. Victor Stanley representatives can be found throughout the world. We have earned a worldwide reputation for the manufacture of high quality site furnishings, always at competitive prices.

*Denton, Maryland, USA.*



*For an in-depth look at site furnishings and the qualities to look for before specification, schedule a Victor Stanley LUNCH + LEARN at your office.*



RBW-28 bench. SD-42 receptacle. Optional dome lid.

## DESIGN, ENGINEER, AND MANUFACTURE

Unique in our industry, Victor Stanley performs ALL of the following manufacturing processes in-house:

- Powder Coating
- Extrusion of Recycled Plastic
- Complete Machine Tooling Design and Fabrication
- Relay Sensor with Street Level Sensing™ Technology
- Robot Welding
- Computer Numerical Control (CNC) Machining
- Steel-Shot Blasting and Non-Toxic Chemical Cleaning
- Complete Steel Fabrication
- Waterjet Cutting Technology and Equipment
- Complete Wood Fabrication



Jerry and Stan Skalka, co-owners and brothers.

VICTOR  STANLEY®



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VICTORSTANLEY.COM

# INDEX

## COLLECTIONS

### **VICTOR STANLEY RELAY™**

Street Level Sensing™ & Waste Control Service

### **PERENNE**

Litter receptacles, recycling stations, benches, seats, bike racks

### **REVERIE**

Benches, tables, seats

### **IRONSITES®**

Litter receptacles, recycling stations, benches, planters, ash urns, tree guards

### **ECONOMY**

Litter receptacles

### **GEOMETRIC**

Benches

### **STEELSITES™ RB**

Litter receptacles, benches

### **STREETSITES™**

Benches, litter receptacles, planters, tables, bollards, bike racks, ash urns

### **DYNASTY**

Litter receptacles, recycling stations, planters, ash urns

### **STEELSITES™**

Litter receptacles, recycling stations, benches, tables, seats, ash urns

### **PRODUCTION**

Litter receptacles, benches, planters, tables, seats, ottomans, ash urns

### **FRAMERS MODERN™**

Benches, seats

### **CITY SITES™**

Benches

### **CLASSIC**

Benches, tables

### **PROTONE™**

Litter receptacles, ash urns

### **GREENSITES**

Benches, litter receptacles, tables

### **CONCOURSE**

Litter receptacles, benches, ash urns

### **ANTHRO SITES™**

Tables, seats, bench

### **STREET SENTRY™**

Bollards

### **PARSONS**

Benches, bike rack, tables

### **HOMESTEAD**

Benches, tables

### **CYCLE SENTRY™**

Bike racks, bollards



**PRODUCT TYPE**

**LITTER RECEPTACLES**

- Concourse
- Dynasty
- Economy
- GreenSites
- Ironsites®
- Perenne
- ProTone™
- Steelsites™
- Steelsites™ RB
- Streetsites™

**RECYCLING STATIONS**

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- City Sites™
- Classic
- Concourse
- Framers Modern™
- Geometric
- GreenSites
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- Parsons
- Perenne
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- Reverie
- Steelsites™
- Steelsites™ RB
- Streetsites™

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- Ironsites®
- Production
- Streetsites™

**TABLES**

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- Classic
- GreenSites
- Homestead
- Parsons
- Production
- Reverie
- Steelsites™
- Streetsites™

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- Framers Modern™
- Perenne
- Production
- Reverie
- Steelsites™
- Steelsites™ RB

**BIKE RACKS & BOLLARDS**

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- Parsons
- Perenne
- Street Sentry™
- Streetsites™

**ASH URNS**

- Concourse
- Dynasty
- Ironsites®
- Production
- ProTone™
- Steelsites™
- Streetsites™

**TREE GUARDS**

- Ironsites®

# VICTOR STANLEY RELAY™



Sage receptacle: US Patent D785,269 S.

## AN ORDERLY REVOLUTION IN WASTE CONTROL

Most current waste and recycling collection systems follow a static model, where containers are picked up regardless of their content or fill level.

This inefficiency has an impact on monetary, environmental, and community costs, with some containers overflowing before they are collected, while others sit empty, yet are picked up anyway. There wasn't a better way, so we created one.

Victor Stanley Relay™ modernizes this system by monitoring the fill levels and weights of all containers, so that they can be collected at the optimal time. This service saves on collection expenses and ensures resources are allocated efficiently, while reducing fuel costs, carbon footprints, and unsightly overflowing waste.

Customers pay a small monthly subscription fee. Yearly and multi-year subscriptions are available.

## HIGHLIGHTS

- *Efficient resource allocation saves an estimated 70-90% in collection expenses*
- *Elimination of overflowing improves aesthetic appeal and community satisfaction*
- *Optimization of collection fleet reduces fuel waste, traffic congestion, and environmental impact*
- *Monitoring of containers provides holistic view of an area's trash and recycling status and improves landfill diversion rates*



**VICTOR STANLEY RELAY™**

STREET LEVEL SENSING™ & WASTE CONTROL SERVICE

# COMMUNICATIONS EXPERT



## VICTOR STANLEY STREET LEVEL SENSING™

An all-in-one solution, Victor Stanley Relay™ features fully integrated sensors within new and existing Victor Stanley litter receptacles and recycling stations, wireless communications, and a dedicated web portal for access to container conditions.

Utilizing our 57-years of experience, we designed our proprietary Street Level Sensing™ technology to meet the challenges site furnishings face in high-use, commercial and urban environments at the street level. This means that fill level, weight, system temperature, container location, and collection status are continuously monitored — and real-time container conditions are automatically transmitted to the Victor Stanley Relay™ Service using standard cellular networks.

To maintain aesthetics, Victor Stanley Relay™ Sensors can be hidden within any Victor Stanley side loading litter receptacle or recycling station. But smart design is only part of the story because our sensors are designed and built to remain reliable and accurate even in harsh environmental conditions. And they work with any type of waste (general trash, mixed recyclables, paper, glass, metals, etc.) while remaining out of sight, economical, and ecologically friendly.

## VICTOR STANLEY RELAY™ SERVICE

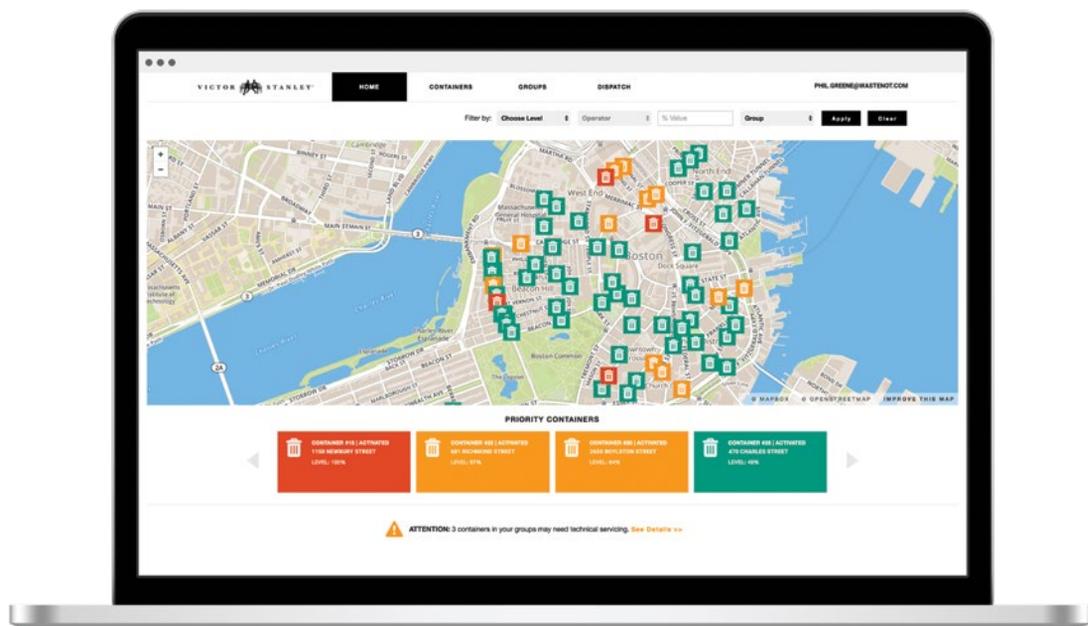
The onboard GPS module provides longitude and latitude coordinates of each container and communicates its location to the Victor Stanley Relay™ Service. In turn, our geocoding service automatically looks up the container's current street address and updates its location. This saves time, money and aggravation when relocating containers for special events or reassignment.

Efficiencies include:

- *Elimination of wasteful fixed collection routing*
- *Reduced fuel costs, resource costs, and CO2 emissions*
- *Increased environment livability and community satisfaction*
- *Users can check real-time status of containers*
- *Customizable alert triggers and push notifications can be set to receive information regarding fill level spikes, container location, collection status and dispatch reporting*
- *Real-time and historical information to maximize collection planning, scheduling, routing and resource utilization*
- *Access from anywhere through any device (via web portal) including web browser, smartphone, tablet, etc.*

## VICTOR STANLEY RELAY™ PORTAL

The Victor Stanley Relay™ Service is powerful and easy to use. Online demos are available upon request; please email [relay@victorstanley.com](mailto:relay@victorstanley.com) for more details.



**PRIORITY CONTAINERS**

Container ID	Address	Level
CONTAINER #15   ACTIVATED	1150 NEWBURY STREET	LEVEL: 100%
CONTAINER #22   ACTIVATED	681 RICHMOND STREET	LEVEL: 67%
CONTAINER #20   ACTIVATED	2650 BOYLSTON STREET	LEVEL: 64%
CONTAINER #25   ACTIVATED	470 CHARLES STREET	LEVEL: 49%

**ATTENTION:** 3 containers in your groups may need technical servicing. [See Details >>](#)

## DASHBOARD

Identify high-priority containers and pressing issues at a glance.

**ADD / EDIT USERS**

Group:

First Name:   
 Last Name:   
 Title:   
 Email:   
 Phone:

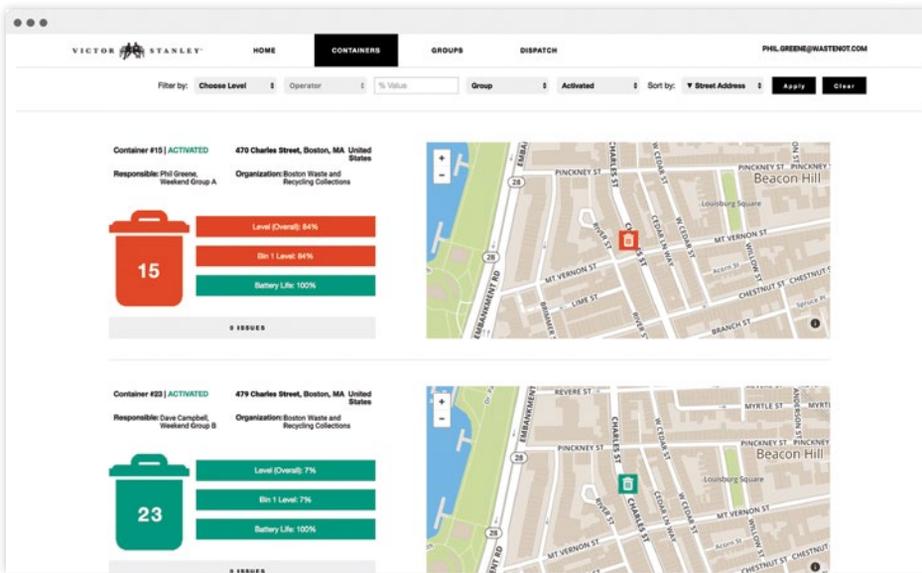
**APPLY**

**GROUPS**

Phil Greene | Greene Group, Weekend Group A  
 Dave Campbell | Campbell Group, Weekend Group B  
 Ed Weiss | Weiss Group  
 Jordan Roberts | Roberts Group

## GROUPS

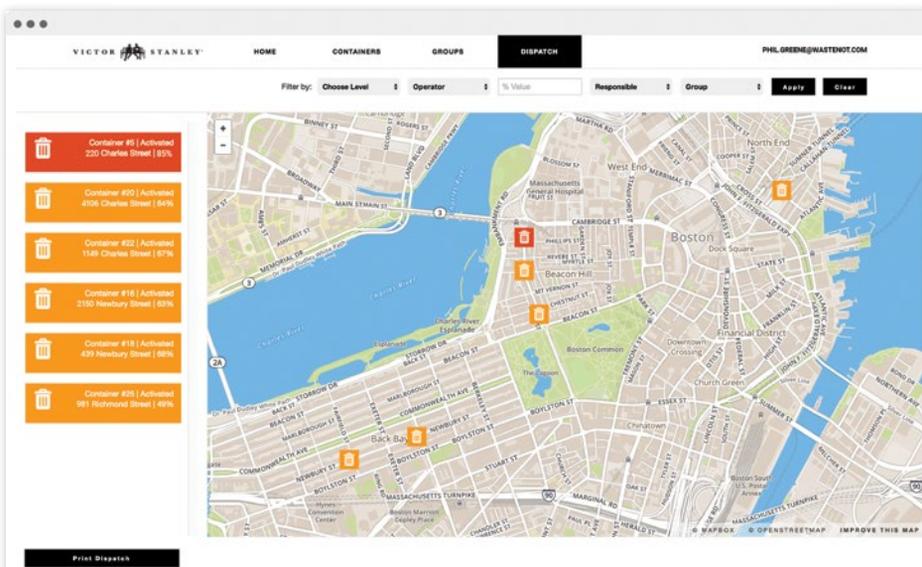
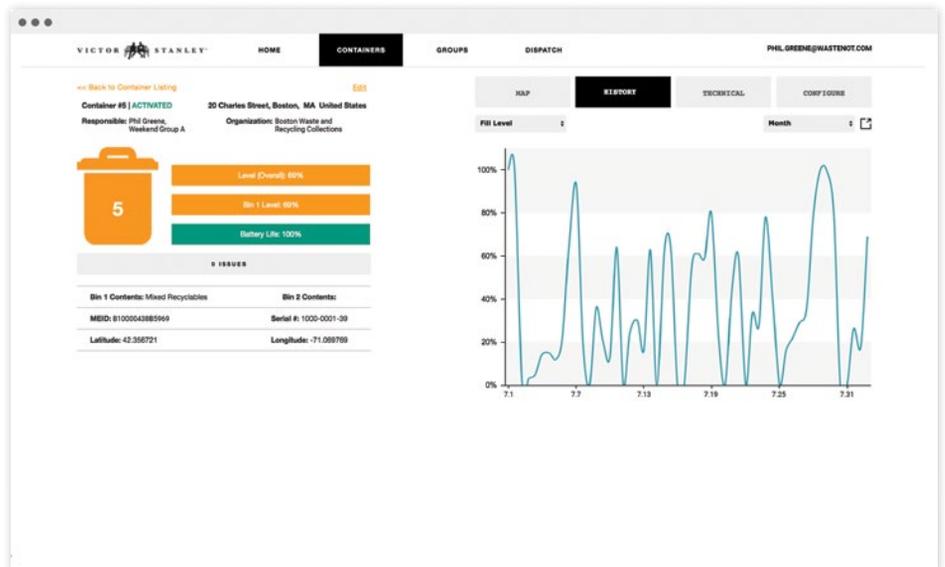
Manage user details and assign users and containers to groups for easy organization and reference.



### CONTAINER SEARCH

View listings of individual container details with filters to isolate variables and narrow your search quickly.

**CONTAINER DETAILS**  
Dive deeper with current and historical data as well as technical details for each receptacle.



### DISPATCH

Plan pickup routes and immediately dispatch notifications to relevant parties with the click of a button.

# TECHNICALLY, IT'S GOT EVERYTHING

	CCS-200SCL	CCS-210SCLW	CCS-220DCL	CCS-230DCLW	CCS-300SCW	CCS-310DCW
Cellular	Yes	No	Yes	No	Yes	No
GPS	Yes	No	Yes	No	Yes	No
Geocoding	Yes	No	Yes	No	Yes	No
Fill Level Sensing	Yes	No	Yes	No	No	No
Smart Power Supply	Yes	No	Yes	No	Yes	No
Multi-use	No	No	Yes	No	No	No
Battery Level	Yes	No	Yes	No	Yes	No
Estimated Weight	Yes	No	Yes	No	No	No
Actual Weight Sensing	No	No	No	No	Yes	No
Usage	Yes	No	Yes	No	Yes	No

MODEL	PACKAGE AND COMPATIBILITY	EXAMPLE
CCS-200SCL	(1) Container (1) Wireless Device (1) Fill Level Sensor (1) Relay Subscription	SD-42 with fill level sensing and Relay Service
CCS-210SCLW	(1) Container (1) Wireless Device (1) Fill Level Sensor (1) Weight Sensor (1) Relay Subscription	SD-42 with fill level, weight sensing and Relay Service
CCS-220DCL	(2) Containers (1) Wireless Device (2) Fill Level Sensors (1) Relay Subscription	SD-242 with fill level and Relay Service
CCS-230DCLW	(2) Containers (2) Wireless Devices (2) Fill Level Sensors (2) Weight Sensors (2) Relay Subscriptions	SD-242 with fill level, weight sensing, and Relay Service
CCS-300SCW	(1) Container (1) Wireless Device (1) Weight Sensor (1) Relay Subscription	S-42 with weight sensing and Relay Service
CCS-310DCW	(2) Containers (1) Wireless Device (2) Weight Sensors (1) Relay Subscription	DYN-242 with weight sensing and Relay Service
Others	Compatible with dual stream litter receptacles and recycling stations	SD-42 with split liner configuration (1) litter & (1) recyclables

But don't worry, we will configure the right solution for you...



SD-42

Sage Dual: US patents  
D783,919 S; D800,405 S.

SDC-36



SD-242



A-36

Worldwide W-CDMA (UMTS), HSPA/GSM and GPRS/EDGE coverage

Onboard GPS module for concurrent reception of up to 3 GNSS (GPS, Galileo, GLONASS, BeiDou), for accurate geolocation and automatic address entry and updates

Automatic address lookups and record updates

Proprietary Victor Stanley Street Level Sensing™ technology — current and historic container fill levels

Self-contained and managed

Single wireless device, single service fee — even for dual container litter receptacles and recycling stations

Battery life display with low percentage indicator

Estimated container weight based on historical data and waste stream type

Proprietary Victor Stanley Street Level Sensing™ technology with integrated weight sensor for measured weight  $\pm$  3 lbs (1.36 kg)

Outdoors, high-use, commercial, and urban environments. Indoors, courtyards, mixed-use developments, etc.

## PHYSICAL CHARACTERISTICS

- Stealthy enclosure hidden within and compatible with Victor Stanley side loading litter receptacle or recycling station dome, rain bonnet, spherical dome, enclosed dome, canopy (i.e. A-24, A-36), solid convex lid (i.e. SDC-24, SDC-36, RSDC-24, RSDC-36). All Sage litter receptacles and recycling stations come standard with Victor Stanley Relay™ Sensor built in with a trial period of the Relay Service.
- Tamper resistant hardware
- 16-gauge spun sheet metal
- 1/8" ABS enclosure cover
- Flame retardant ABS device enclosure
- 1/8" abrasion resistant acrylic sensor cover
- Waterproof gasket
- All fabricated metal components are steel shotblasted, etched, phosphatized, preheated and electrostatically powder-coated with TGIC polyester powder coatings
- Environmental – IP Rating: IP 67 (Dust Tight & Immersion). Operational Temperature (ambient):
  - Typical: -10°F to +110°F (-23°C to +43°C)
  - Rated: -40°F to +140°F (-40°C to +60°C)
  - Environmental Chamber Tested: -40°F to +122°F (-40°C to +50°C)

## FEATURES

- Continuously and automatically monitors fill level, weight, location, system temperature, and collection status
- Provides real-time and historical information for analysis and efficient dispatching
- Relay is hosted on a scalable, secure, resilient, and redundant Internet of Things (IoT) specific enterprise-grade cloud computing platform
- Monitors any waste stream – solids, recyclables, etc.
- Zero maintenance
- No installation required
- Off the shelf, economical and easily replaceable Lithium/Iron Disulfide batteries offering superior performance in extreme temperatures
- Additional data access via APIs, JSON, CSV, Excel, XML, and others
- Data access from anywhere and any device via the Victor Stanley Relay™ web portal
- Identity and access management
- Dual container compatible – In certain configurations, one wireless device is capable of monitoring dual container litter and recycling stations while requiring only one Relay service fee. See Package and Compatibility matrix for details.
- Automatically transmits and updates container location when relocated
- Self-contained power supply with an estimated life of 6+ years (typical use monitors once per hour and reports twice daily on average). Battery life may vary depending on configuration, transmission frequency, wireless signal strength and temperature. See battery life expectancy matrix below for further details
- Wireless remote configuration and software updates
- Wireless communications and push notification alerts
- Data can be captured and analyzed to improve efficiencies and operational results

## BATTERY LIFE EXPECTANCY

ENVIRONMENTAL		CONFIGURATION					BATTERY
Ambient Temperature (Avg.)	Wireless Signal Strength (Avg.)	Configuration	Readings (Avg. Per Day)	Reporting (Avg. Per Day)	GPS Usage (Avg. Per Activation)	GPS Usage (Avg. Per Year)	Life Expectancy* (Years)
-10°F to +110°F (-23°C to +43°C)	90% to 100%	A	24	1	1	1	10
		B	24	2	1	1	6-3/4
		C	24	3	1	1	4-1/2
		D	24	4	1	1	3-1/2
		E	24	5	1	1	2-3/4
		F	24	6	1	1	2-1/4

*\*All battery claims depend on the cellular network, location, signal strength, environment, configuration, usage, 10% battery manufacturer defect rate, and many other factors; actual results will vary. This document contains typical information specific to products manufactured at the time of its publication for reference only. Contents herein do not constitute a warranty.*

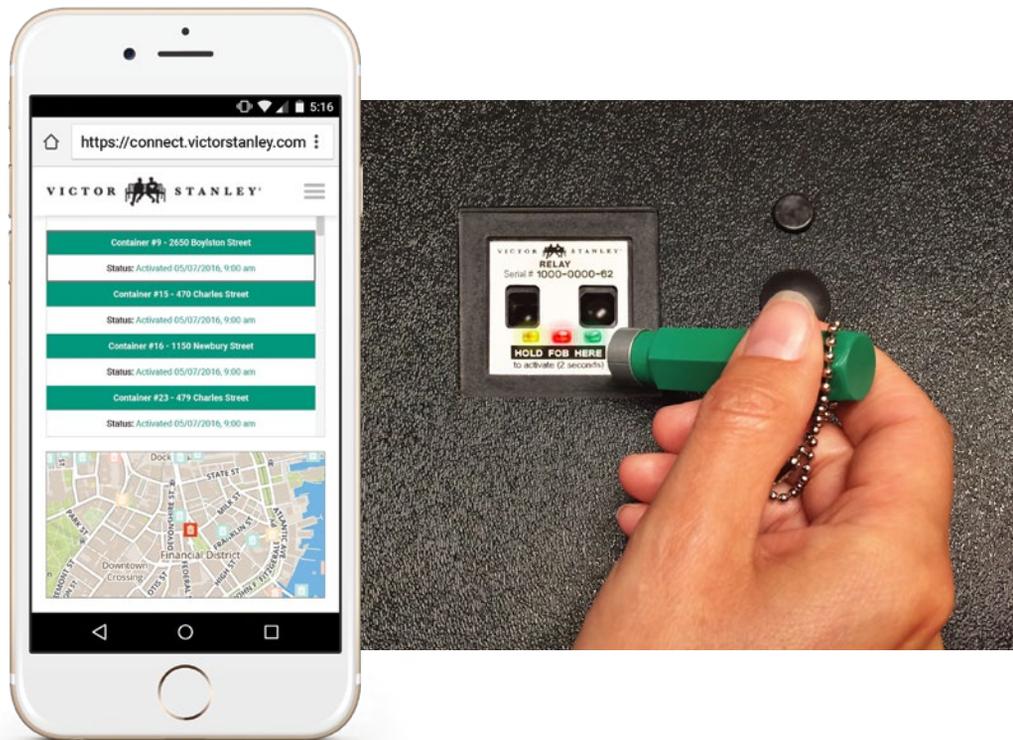
*\*Information and specifications are subject to change without notice*

# JUST LIKE THAT, YOU'RE IN BUSINESS

## ACTIVATION

Victor Stanley Relay™ Sensors come fully integrated with any Victor Stanley side loading litter receptacle or recycling station and are ready to be activated once the container has been anchored on site.

Activation of the Relay Service is performed by simply waving the provided magnetic fob over the activation indicator at the center of the sensor. Activation confirmation can be done in the field using any internet connected smartphone or mobile device.



# PERENNE COLLECTION



*Sage. Patented. Freesia bench. US Patents D710,624 S; D710,626 S; D711,175 S; D726,473 S; D726,474 S; D727,669 S. Canada © 152499; 153910.*

The Sage side-door litter receptacle, joins contemporary and functional design with enduring strength. We engineered Sage to withstand flexing and distortion inherent in perforated sheet metal while keeping the design serviceable, long lasting, and attractive. Sage features a full interior steel frame, strong exterior panels formed from 11-gauge steel nested in solid-steel frames, and our signature friction-eliminating hinges.



SGE-36SA. Perforated steel panels. Patented.

*Sage and Sage Dual include Victor Stanley Relay™ and a trial period of the service. Monitor fill level, weight and more for optimal collection planning.*

**SAGE SIDE-DOOR LITTER RECEPTACLE**

Victor Stanley Relay™ Sensor with a trial period of our Relay Service. Black plastic liner. Hidden latch. Leveling feet.

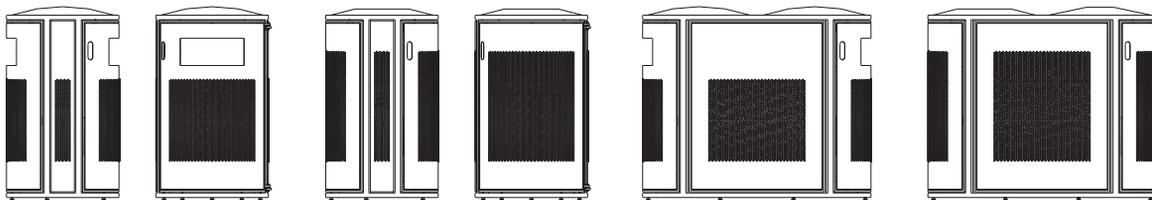
Model SGE-36SA: 36-gal (136 L). Side-Deposit. Standard solid convex lid. US Patent D785,269 S.

Model SGE-45SD: 45-gal (170 L). Top-Deposit. Wide mouth convex lid. US Patent D804,759 S.

OPTIONS: Perforated steel panels. Solid steel panels (without perforation). Recycle side-deposit (SGE-36SA). Dual-flow side-deposit (SGE-36SA). Dual-flow lid (SGE-45SD). Ashtray (standard or covered, SGE-36SA). Half-Moon liners. Galvanized steel liner (SGE-36SA, powder coat available). Custom decals.



SGE-36SA. Perforated steel panels. Patented.



Sage: SGE-36SA

25 in (635 mm) w  
42.625 in (1083 mm) h

Sage: SGE-45SD

25 in (635 mm) w  
42 in (1067 mm) h

Sage Dual: SGE-236SA

25 x 50.75 in (635 x 1289 mm) w  
42.625 in (1083 mm) h

Sage Dual: SGE-245SD

25 x 50.75 in (635 x 1289 mm) w  
42 in (1067 mm) h

Overall dimensions w=width h=height

*Single and Dual recycling configurations are customizable to suit your recycling needs.*



*SGE-245SD. Optional dual-flow lid and Half-Moon liners. Perforated panels. Custom decals..*



*SGE-36SA. Optional recycle side-deposit shown on left. Perforated panels. Custom decals. US Patent D785,269.*

## **HIDDEN LATCH**

Door latch is secured to interior frame to not disrupt the receptacle's silhouette. Easily accessible through door handle to retain simple one handed entry. Rubber bumpers at top and bottom of frame prevent pinch points.



*Latch and top bumper on interior of receptacle.*

**SAGE DUAL RECYCLING STATION**

Victor Stanley Relay™ Sensor with a trial period of our Relay Service.  
Black plastic liner. Hidden latch. Leveling feet.

Model SGE-236SA: two 36-gal (136 L) liners. Side-Deposit. Two standard solid convex lids. US Patents D783,919; D800,405 S.

Model SGE-245SD: two 45-gal (170 L) liners. Top-Deposit. Wide mouth convex lid. Two lids in any combination: wide mouth convex lid, recycle lid and/or slotted lid.

OPTIONS: Perforated steel panels. Solid steel panels (without perforation). Recycle side-deposit (SGE-236SA). Dual-flow side-deposit (SGE-236SA). Dual-flow lid (SGE-245SD). Ashtray (standard or covered, SGE-236SA). Half-Moon liners. Galvanized steel liner (SGE-236SA, powder coat available). Custom decals.



SGE-236SA.  
Solid panels.  
Patented.

**AN ALL-IN-ONE SOLUTION  
THAT CAN TELL  
YOUR LANDFILL DIVERSION**



SGE-245SD.  
Wide mouth convex lid.  
Recycle lid. Perforated panels.



Perforated panels.  
Patented.

Sage Dual includes our Victor Stanley Relay™ Sensor and a trial period of the service. Relay continuously monitors fill level. But that's just the beginning. Powered by our Street Level Sensing™ technology, Relay also...

- Continuously monitors fill level, weight, location and collection status
- Tracks location via GPS, so you always know where receptacles were moved and where they belong
- Allows you to log on and view collection data in real-time and historically
- Boosts efficiency in planning, scheduling and routing collections
- Saves an estimated 70-90% in collection expenses
- Is built for reliability and durability, along with everything we manufacture

Victor Stanley Relay™ uses technology, sensors and web services which we designed, built, and own, so you can rely on our product whether you retrofit Relay or make it part of your new receptacle orders.



**VICTOR STANLEY RELAY™**

STREET LEVEL SENSING™ & WASTE CONTROL SERVICE



## LILY

Designed, engineered, and manufactured with the same attention to detail, quality, and durability that the design community has come to expect from Victor Stanley for more than half a century. The patented Lily bench features clean lines, natural proportions, and slim profiles.

**LILY BENCH**

2, 4 or 6 ft (.61, 1.2 or 1.8 m) length. Surface mount.

Model LIL-20: with pointed armrests.\*\*

Model LIL-20CA: with curved armrests.\*\*

Model LIL-20NA: without armrests.\*\*

OPTIONS: Horizontal steel slats. Wood slats. Perforated steel.

Intermediate armrests (bolt-on) for horizontal steel or wood slat seating.

**LILY BACKLESS BENCH**

2, 4 or 6 ft (.61, 1.2 or 1.8 m) length. Surface mount.

Model LIL-23: backless with pointed armrests.

Model LIL-23CA: backless with curved armrests.

Model LIL-23NA: backless without armrests.

OPTIONS: Horizontal steel slats. Wood slats. Perforated steel.

Intermediate armrests (bolt-on) for horizontal steel or wood slat seating.

\*\*One or more of the following apply: US Patents D710,122 S; D711,174 S; Canada ©152498.



Wood slats.  
Patented.\*



Perforated steel.  
Patented.



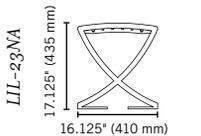
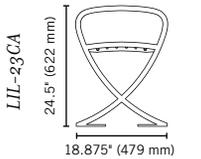
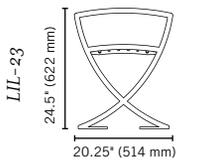
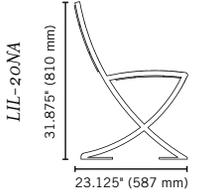
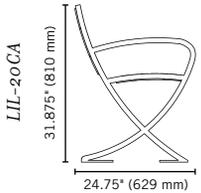
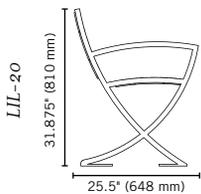
Steel slats.



Perforated steel.



Wood slats.\*



Wood slats. Optional  
RAL color. Patented.\*

\*Natural wood colors will vary. Weathering may occur on site which will alter the color of the wood over time.



Schareg Pictures

## FREESIA

The patented Freesia bench embodies elements in nature and classical settee furniture design while remaining slim, open, functional, and timeless. It's just one more way Victor Stanley helps you create the perfect setting for timeless moments.

### FREESIA BIKE RACK

CAPACITY: 2 bikes. Solid steel 1 x 1 in (25.4 x 25.4 mm) frame.  
 Model BFRE-101: single arch.\*\*  
 Model BFRE-161: single arch with cross bar.\*\*  
 OPTIONS: Surface mount.  
 In-ground mount.



*BFRE-101.  
In-ground mount.  
Patented.*

*BFRE-161.  
Surface mount.  
Patented.*

### FREESIA BENCH

2, 4 or 6 ft (.61, 1.2 or 1.8 m) length.  
 Model FRE-20: with end armrests.\*\*  
 Model FRE-20NA: without armrests.\*\*  
 OPTIONS: Horizontal steel slats. Wood slats. Perforated steel. Surface mount. In-ground mount. Intermediate armrests (bolt-on) for horizontal steel or wood slat seating.

### FREESIA BACKLESS BENCH

2, 4 or 6 ft (.61, 1.2 or 1.8 m) length.  
 Model FRE-23: with end armrests.\*\*  
 Model FRE-23NA: without armrests.  
 OPTIONS: Horizontal steel slats. Wood slats. Perforated steel. Surface mount. In-ground mount. Intermediate armrests (bolt-on) for horizontal steel or wood slat seating.

**\*\*One or more of the following apply: US Patents D710,624 S; D711,175 S; D711,176 S; D710,626 S; D722,921 S; D726,473 S; D726,474 S; D727,669 S; D735,091 S; Canada ©152499.**



Wood slats.  
In-ground mount.  
Patented.\*



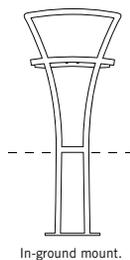
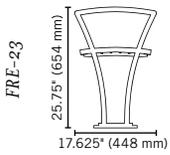
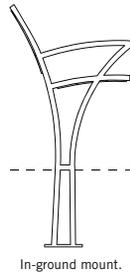
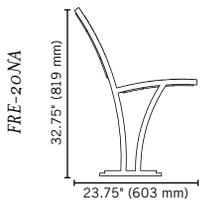
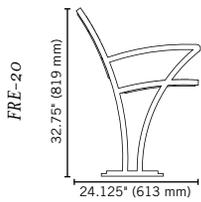
Perforated steel.  
In-ground mount.  
Optional RAL color.  
Patented.



Wood slats.  
In-ground mount.\*



Steel slats.  
Surface mount.



\*Natural wood colors will vary. Weathering may occur on site which will alter the color of the wood over time.

# REVERIE COLLECTION

Scharety Pictures



The Reverie collection expresses simplicity, minimalism, and functionality. The patented Eva bench embodies the Reverie collection's attention to high quality design, craftsmanship, and comfort. Its slim profile, solid steel frame with exceptionally high recycled content, and use of genuine Ipe wood slats makes for sleek design with longevity and comfort in mind.

**EVA BENCH\*\***

**EVA BACKLESS BENCH**

2, 4, 6 or 8 ft (.61, 1.2, 1.8 or 2.4 m) length. Wood slats. 8 ft (2.4 m) length includes center arm/leg.

OPTIONS: Surface mount. In-ground mount. Intermediate armrests (bolt-on) for 4 or 6 ft (1.2 or 1.8 m) length.

**EVA TABLE**

18 in (457 mm) height. Wood slats.

Model EVAT-22: 2 x 2 ft (.61 x .61 m).

Model EVAT-32: 3 x 2 ft (.91 x .61 m).

Model EVAT-33: 3 x 3 ft (.91 x .91 m).

OPTIONS: Surface mount. In-ground mount.

*\*Natural wood colors will vary. Weathering may occur on site which will alter the color of the wood over time.*

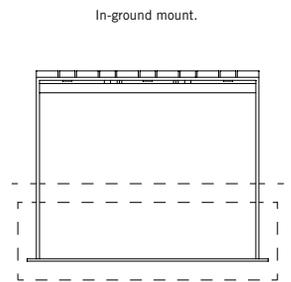
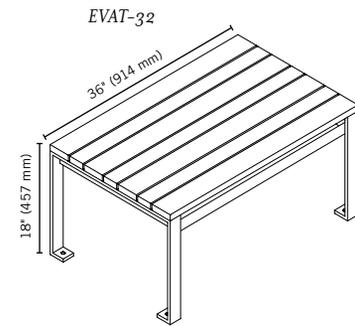
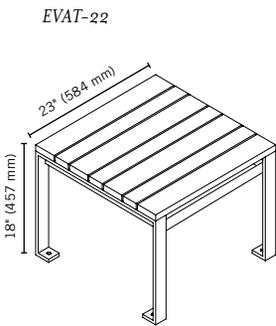
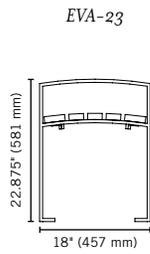
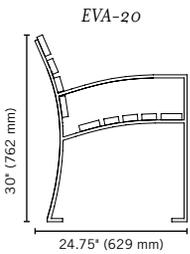
**\*\*US Patents D710,625 S; D710,139 S.**



Surface mount.\*



3 x 2 ft (.91 x .61 m).  
Surface mount.\*



2 ft (.61 m) length.  
Patented.\*



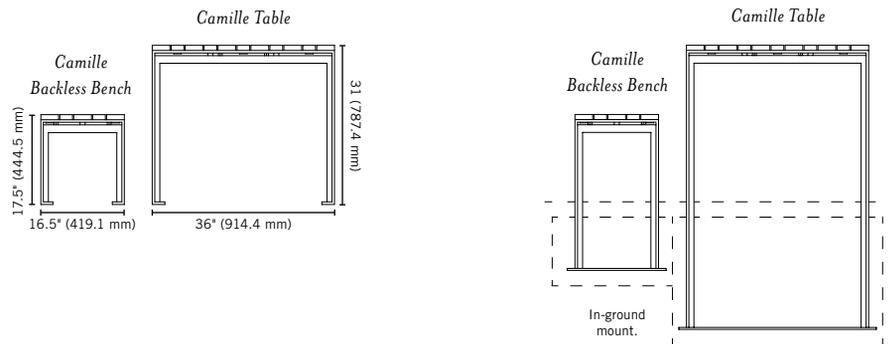
3 ft (.91 m) square tabletop.\*





## CAMILLE

In the true spirit of the Reverie collection, the Camille table provides functionality with a sleek, minimalistic design aesthetic.





Eva bench. US Patents D710,139 S, D710,625 S. Camille table, 3 x 3 ft (.91 x .91 m). Sage litter receptacle. US Patent D785,269 S.\*



3 ft (.91 m).  
Surface mount.\*



6 ft (1.8 m).  
Surface mount.\*

**CAMILLE TABLE**

♿ 31 in (787 mm) height. Wood slats. ADA Compliant.

Model CAMT-33: 3 x 3 ft (.91 x .91 m).

Model CAMT-43: 4 x 3 ft (1.2 x .91 m).

Model CAMT-63: 6 x 3 ft (1.8 x .91 m).

Model CAMT-83: 8 x 3 ft (2.4 x .91 m). 8 ft (2.4 m) length includes center leg.

OPTIONS: Surface mount. In-ground mount.

SEATING OPTIONS (SOLD SEPARATELY): Camille backless bench, Eva backless bench 2, 4, 6 or 8 ft (.61, 1.2, 1.8 or 2.4 m). Specify surface or in-ground mount.

**CAMILLE BACKLESS BENCH**

2, 4, 6, or 8 ft (.61, 1.2, 1.8, or 2.4 m) length. 8 ft (2.4 m) length includes center leg. Wood slats.

OPTIONS: Surface mount. In-ground mount.

\*Natural wood colors will vary. Weathering may occur on site which will alter the color of the wood over time.

# IRONSITES® COLLECTION



SD-42

## THE ORIGINAL IRONSITES® FLARED RECEPTACLES

From Classic to Post-Modern, this collection provides design that transcends period styling. A family of products designed to fit into almost every landscape theme from the very simple to the most ornate. The quality and aesthetic appeal of Ironsites® products contribute to the ongoing beautification of the public areas they occupy.

The Ironsites® premier line of site furnishings includes litter receptacles, recycling stations, benches, ash urns, planters, and tree guards.

**S-35 LITTER RECEPTACLE** 24 gal (90 L).

**S-42 LITTER RECEPTACLE** 36 gal (136 L).

**S-424 LITTER RECEPTACLE** 36 gal (136 L).

Standard tapered formed lid. Black plastic liner. Four leveling feet. Bottom recessed pedestal.

OPTIONS: Dome lid (ashtrays available). Convex lid (self-close door available). Rain bonnet lid (ashtrays available). Spherical dome lid for S-42, S-424. Recycle lids (pages 125, 130). Half-Moon liners for S-42, S-424. Galvanized steel liner (powder coat available). Custom decals and plaques.

**S-45 LITTER RECEPTACLE** 45 gal (170 L).

**S-535 CENTER-POST LITTER RECEPTACLE** 24 gal (90 L).

Standard tapered formed lid. Black plastic liner. Four leveling feet on S-45. Bottom recessed pedestal.

OPTIONS: Surface mount for S-535. In-ground mount for S-535. Dome lid (ashtrays available). Convex lid (self-close door available). Rain bonnet lid (ashtrays available). Spherical dome lid for S-45. Recycle lids (pages 125, 130). Half-Moon liners for S-45. Custom decals and plaques.

**SD-35 SIDE-DOOR LITTER RECEPTACLE** 24 gal (90 L).

**SD-42 SIDE-DOOR LITTER RECEPTACLE** 36 gal (136 L).

Standard tapered formed lid. Black plastic liner. Latch. Five leveling feet. Bottom recessed pedestal.

OPTIONS: Relay sensor available for select lids. Keyed lock, US Patent 6,339,944 B1. Dome lid (ashtrays available). Convex lid (self-close door available). Rain bonnet lid (ashtrays available). Enclosed dome lid for SD-42 (ashtrays available). Spherical dome lid for SD-42. Recycle lids (pages 125, 130). Half-Moon liners for SD-42. Galvanized steel liner (powder coat available). Custom decals and plaques.



S-45. Optional dome lid. Dubai Mall, Dubai, UAE.



S-535. Helsinki, Finland.

S-535	S-35	SD-35	S-42	SD-42	SD-242	S-424	S-45
25 in (635 mm) w	25 in (635 mm) w	25 in (635 mm) w	28 in (711 mm) w	28 in (711 mm) w	28 x 53 in (711 x 1346 mm) w	28 in (711 mm) w	28 in (711 mm) w
31 in (787 mm) h	32.25 in (819 mm) h	36.75 in (933 mm) h	38.75 in (984 mm) h	41.75 in (1060 mm) h	42 in (1067 mm) h	34.5 in (876 mm) h	40.75 in (1035 mm) h

Overall dimensions w=width h=height



SD-42



Dome lid with optional fully integrated Victor Stanley Relay™ sensor.



SD-42.  
Adjustable leveling feet and anchor bolt hole.

## THE INDUSTRY STANDARD WORLDWIDE

A Victor Stanley design against which every imitation should be measured. The iconic Ironsites® receptacles are a marvel of detail and structural integrity.

### EXCLUSIVE SIDE-DOOR FEATURES:

#### Victor Stanley Relay™

Street Level Sensing™ technology to monitor fill level, temperature, weight, location via GPS and collection status, in real-time and historically. Available for select lids (pages 6-15).

#### Door Hinges

Composed of embedded precision stainless-steel pivot pins and oil-impregnated bronze bushings for reliable all-weather durability year after year (photo page 125).

#### Side Door

Provides easy access and utility (no heavy lifting of full liners).

#### Latch or Keyed Locking Mechanism

Standard latch closure or optional patented keyed locking mechanism, US Patent 6,339,944 B1. Our keyed locking mechanism is a unique design with a custom key to prevent tampering and residential trash disposal.



Latch open.



Latch closed.



Keyed locking mechanism open.



SD-242. Dome lids.  
Victor Stanley Relay™ Sensor.

**TELL YOUR LANDFILL  
DIVERSION WITH  
VICTOR STANLEY RELAY™**



SD-242.  
Slotted lid and recycle lid.

**SD-242 SIDE-DOOR RECYCLING STATION**

**CAPACITY:** two 36 gal (136 L) liners. Includes two lids in any combination: standard tapered formed lid, recycle lid, and/or slotted lid. Black plastic liners. Latch. Leveling feet. Standard decals. Bottom recessed pedestal.

**OPTIONS:** Relay sensor available for select lids. Keyed locking mechanism, US Patent 6,339,944 B1. Dual-flow lid. Dome lid (ashtrays available). Convex lid (self-close door available). Rain bonnet lid (ashtrays available). Enclosed dome lid (ashtrays available). Spherical dome lid. Half-Moon liners. Galvanized steel liner (powder coat available). Custom decals and plaques.

**IRONSITES® RECEPTACLE FEATURES**

**Materials**

Solid steel 5/8 in (16 mm) top ring with 3/8 x 1 in (10 x 25 mm) vertical solid steel bars. At least 98% of our steel bar's composition is obtained from recycled metal.

**Plaques and Decals**

Optional steel plaques with vinyl outdoor decals. Custom printed with your logo or lettering for messages, advertising, or memorials. [For more information.](#)

**Adjustable Leveling Feet**

Keeps receptacles level and off the surface. Prevents the bottom of the powder-coated steel frame from scuffing and allows for easier cleaning underneath.

**Anchor Bolt Hole**

Only one anchor bolt is required enabling quick and cost-effective installation.

**Standard Capacities**

24, 36 and 45 gal (90, 136 and 170 L). Ironsites side-door receptacles are available in 24 and 36 gal (90 and 136 L) capacities.

**Lids**

Standard tapered formed lid (acts as a funnel to direct trash into the liner). Optional raised dome lid (ashtrays available). Optional convex lid (self-close door available). Optional rain bonnet lid (ashtrays available). Optional spherical dome lid. Recycle lids (pages 125, 130).

**Black Plastic Liners**

High-density plastic liners are formed on custom molds designed for us. Reinforced, ribbed, and molded for durability, ease of use, and greater capacity. Half-Moon liners make it easier and more cost effective than ever to separate different waste streams without sacrificing capacity or durability.

**Elevated Base**

Recessed pedestal-style base prevents dirt from reaching body of receptacle.

**Powder Coat Finish**

Offered in 12 standard and metallic colors, plus a full range of RAL colors with available color matching. Additional cost may apply.



S-42.



S-6, S-24. Washington, D.C., USA.



SD-42, S-20. National Harbor, Maryland, USA.

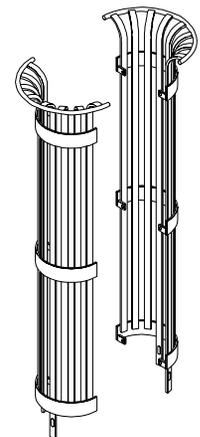


Standard heavy-duty ashtray: large 2 in (51 mm) depth, 10 in (254 mm) diameter.



Optional covered ashtray.

*From palaces to parks, a favorite throughout the world.*



S-6. Specify hole or slot in ground supports.

**S-6 TREE GUARD**

Please specify height and diameter for customized applications.

OPTIONS: Hole in ground supports. Slot in ground supports.

**S-13 BENCH**

**S-7 BACKLESS BENCH**

6 ft (1.8 m) length.

OPTIONS: Wood slats. 2nd Site Systems® recycled plastic slats.

**S-20 STAND-ALONE ASH URN**

16-gauge solid stainless-steel ashtray with 2 in (51 mm) depth and 10 in (254 mm) diameter. Black plastic liner. Leveling feet. Bottom recessed pedestal.

OPTIONS: Covered ashtray. Custom decals.

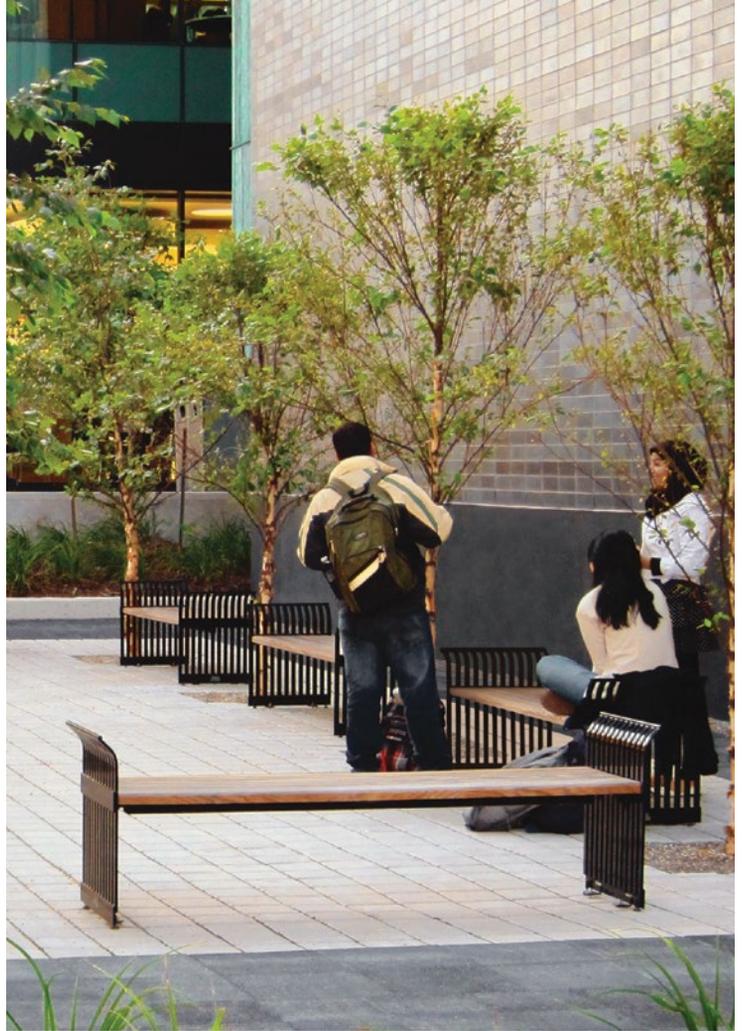
**S-24 PLANTER** 18 gal (68 L).

Lid not included. Black plastic liner. Four leveling feet.

Bottom recessed pedestal.

OPTION: Wide-mouth formed lid.

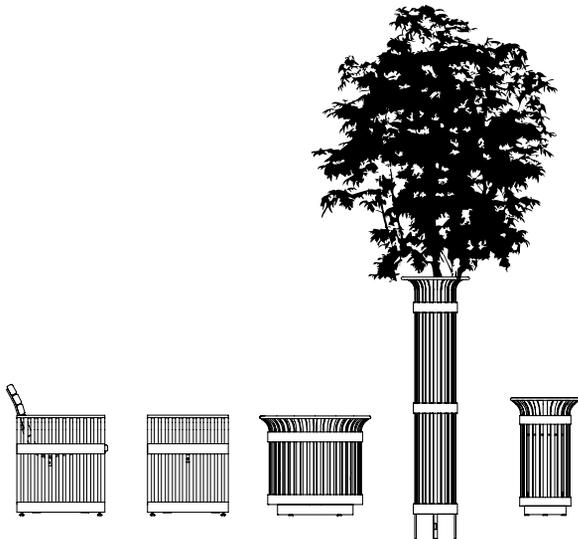
*\*Natural wood colors will vary. Weathering may occur on site which will alter the color of the wood over time.*



S-7. Mississauga, Canada.\*



S-13. Hong Kong.\*



S-13

S-7

S-24

S-6

S-20

25.25 in  
(641 mm) w

20.25 in  
(514 mm) w

28 in  
(711 mm) w

custom  
custom

16.5 in  
(419 mm) w

32 in  
(813 mm) h

23.75 in  
(603 mm) h

24.5 in  
(622 mm) h

custom  
custom

27.125 in  
(689 mm) h

*Overall dimensions w=width h=height*

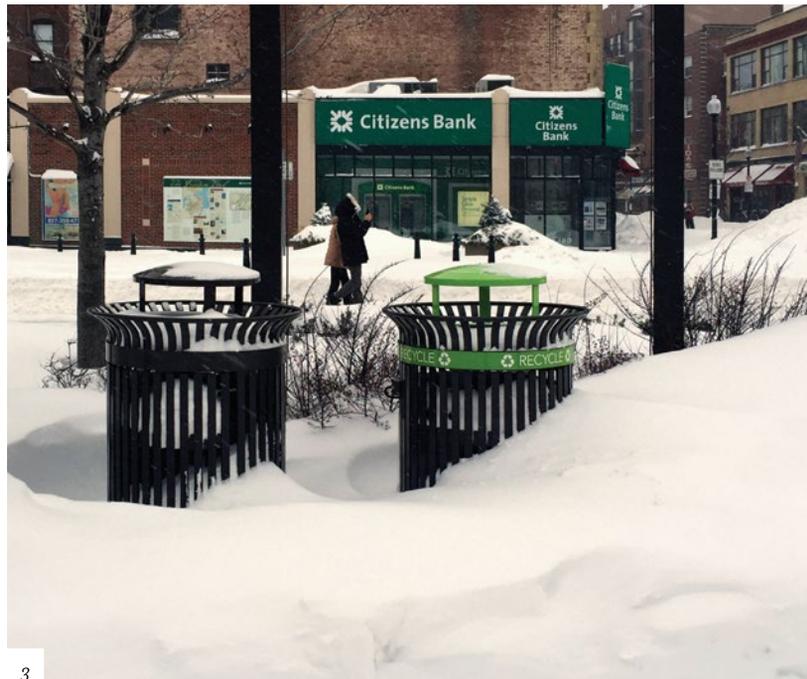
## *Ironsites® Receptacles Around the World*



1



2



3

1. S-42 litter receptacles, FRST-6 tables with FRB-6 benches.  
University of East London, England.
2. SD-42 side-door litter receptacle with optional dome lid.  
University of British Columbia, Canada.
3. SD-42 side-door litter receptacles with optional dome lid and decals.  
Rose Fitzgerald Kennedy Greenway Conservancy, Boston, Massachusetts, USA.
4. S-42 litter receptacles with optional decals.  
Alamo Plaza, San Antonio, Texas, USA.
5. S-42 litter receptacles.  
Battery Park, New York, New York, USA.
6. SD-42 side-door litter receptacle.  
Washington Nationals Stadium, Washington, D.C., USA.
7. SD-35 side-door litter receptacle.  
Tivoli Gardens, Copenhagen, Denmark.



*We export to over twenty-five countries worldwide.*



4



5



6



7

# ECONOMY COLLECTION



ES-242

Lighter weight designs resembling our industry-standard Ironsites® Collection. Smaller scale with ¼ in (6.4 mm) thick vertical steel bars.

**ES-135 LITTER RECEPTACLE** 24 gal (90 L).

**ES-142 LITTER RECEPTACLE** 36 gal (136 L).

Standard tapered formed lid. Black plastic liner.

Leveling feet.

OPTIONS: Dome lid (ashtrays available). Convex lid (self-close door available). Rain bonnet lid (ashtrays available). Spherical dome lid for ES-142, ES-242, ES-342. Recycle lids (pages 125, 130). Half-Moon liners for ES-142, ES-242, ES-342. Galvanized steel liner (powder coat available). Custom decals and plaques.

**ES-235 LITTER RECEPTACLE** 24 gal (90 L).

**ES-242 LITTER RECEPTACLE** 36 gal (136 L).

**ES-335 LITTER RECEPTACLE** 24 gal (90 L).

**ES-342 LITTER RECEPTACLE** 36 gal (136 L).

Standard tapered formed lid. Black plastic liner.

Leveling feet. Alternating-width bars.

OPTIONS: See ES-135/ES-142 options above.



ES-135. *Optional dome lid.*



ES-142



ES-235



ES-335. *Optional dome lid with ashtray.*



ES-342. *Optional dome lid with ashtray.*

# GEOMETRIC COLLECTION



Rockville, Maryland, USA.\*

## MERGE NATURE WITH REAL FURNITURE DESIGN

Permit the use of a tree, flower bed, wall, sculpture or fountain to be used as the centerpiece of a beautiful and versatile seating area. Geometric benches make superb accent pieces and extremely efficient seating areas by providing a great deal of cost-effective and non-intrusive seating space.

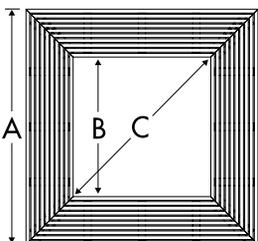
Other sizes and shapes can be similarly fabricated including zigzags or staggered lengths. Omitting a section allows access to the center.

Each section utilizes two outside nominal 2 x 4 (38 x 89 mm) slats and eight interior nominal 2 x 3 (38 x 63 mm) slats. All slats are configured vertically.

### GBS SQUARE BENCH

4 to 8 ft (1.2 to 2.4 m) length in 6 in (15.24 cm) increments. Wood slats.

OPTIONS: Surface mount. In-ground mount. Armrests (bolt-on). Specify black or bronze for the steel frame metalwork.



GBS SQUARE BENCH CONFIGURATION CHART INCHES (MILLIMETERS)

<b>A</b>	96 (2438)	90 (2286)	84 (2134)	78 (1981)	72 (1829)	66 (1676)	60 (1524)	54 (1372)	48 (1219)
<b>B</b>	57 (1448)	51 (1295)	45 (1143)	39 (991)	33 (838)	27 (686)	21 (533)	15 (381)	9 (229)
<b>C</b>	81 (2057)	72 (1829)	64 (1626)	55 (1397)	47 (1194)	38 (965)	30 (762)	21 (533)	13 (330)

\*Natural wood colors will vary. Weathering may occur on site which will alter the color of the wood over time.

# STEELSITES™ RB COLLECTION



RBW-28

Carefully fabricated and expertly hand polished, the beautiful RB-28 is one of our most popular products. The new RBW-28 is the embodiment of the collection's refined elegance and comfort. With a solid steel frame composed of 98% recycled content and genuine Ipe wood slats, the RBW-28 creates the perfect pairing of sleek design with strength, durability, and sustainability.

**RB-28 BENCH**

4, 6 or 8 ft (1.2, 1.8 or 2.4 m) length. Vertical steel scrolls. Arm frames: 1/2 x 2 in (13 x 51 mm) solid steel bar. Polished welds. Surface mount tabs.  
 OPTION: Intermediate armrests (bolt-on).

**RB-12 BACKLESS BENCH**

4, 6 or 8 ft (1.2, 1.8 or 2.4 m) length. Steel scrolls. Arm frames: 1/2 x 2 in (13 x 51 mm) solid steel bar. Surface mount tabs. 8 ft (2.4 m) length includes center leg.  
 OPTIONS: Intermediate armrests. Center leg with armrest for 8 ft (2.4 m) length.

**RBW-28 BENCH**

**RBW-12 BACKLESS BENCH**

2, 4 or 6 ft (.61, 1.2 or 1.8 m) length. Wood slats. Arm frames: 1/2 x 2 in (13 x 51 mm) solid steel bar. Surface mount tabs.  
 OPTION: Intermediate armrests (bolt-on) for 4 or 6 ft (1.2 or 1.8 m) length.



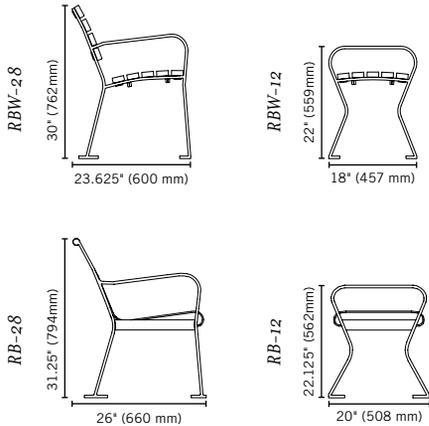
RB-28



RBW-28



RBW-12



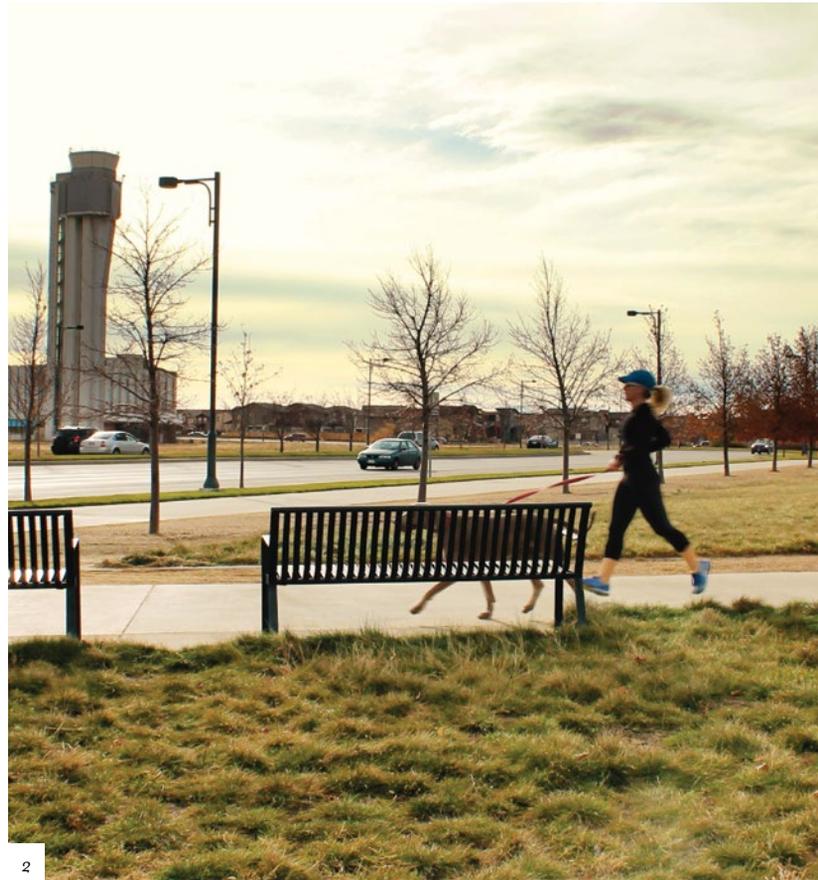
RB-28 bench detail: furniture-quality finish joints, 1/4 x 1-1/2 in (6.4 x 38 mm) vertical solid steel seat ribbons, 1/2 x 2 in (13 x 51 mm) solid steel arm frames for comfort and support.



RB-12. Annapolis, Maryland, USA.



1



2



3



4

*RB-28 Steelsites™ RB Collection Benches Around the World*



**SPECIFIED WORLDWIDE**

*USA Bahamas Belgium Cambodia Canada Denmark England Finland France Hong Kong Ireland Italy Japan Malta Mexico Netherlands Norway Portugal Qatar Scotland Singapore Spain Sweden Switzerland Taiwan Trinidad and Tobago United Arab Emirates*



1. University of Southern Alabama, USA.
2. Stapleton, Colorado, USA.
3. Vänersborgs Centrum, Sweden.
4. Glostrup Kommune, Denmark.
5. Whampoa Drive Housing Estate, Singapore.
6. Courbevoie at La Defense, France.
7. Arboretum & Temple Gardens, England.
8. Eden Oak Park, Canada.



Our tapered RB-36 features a top horizontal steel band...ideal for decals.



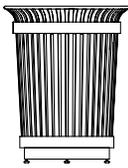
The RBF-28 features smooth lateral lines with welded horizontal steel slats. Maple Lawn, Maryland, USA.



RB-45

28.125 in  
(714 mm) w

39.5 in  
(1003 mm) h



RB-36

28.125 in  
(714 mm) w

33.75 in  
(857 mm) h

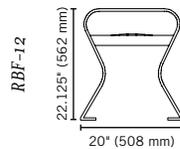
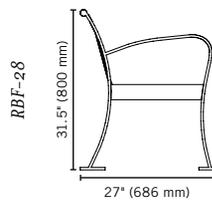


RB-24

25 in  
(635 mm) w

30.5 in  
(774.7 mm) h

Overall dimensions w=width h=height



RBF-12

*Gentle curves and strong straight lines showcase a dramatic and dignified design.*



RMS-24

**RBF-28 BENCH**

4, 6 or 8 ft (1.2, 1.8 or 2.4 m) length. Horizontal steel slats. Surface mount tabs.

OPTION: Intermediate armrests (bolt-on).

**RBF-12 BACKLESS BENCH**

4, 6 or 8 ft (1.2, 1.8 or 2.4 m) length. Steel slats. Surface mount tabs. 8 ft (2.4 m) length includes center leg.

**RMFC-24 BENCH**

**RMS-24 BENCH**

**RM-12 BACKLESS BENCH**

6 ft (1.8 m) length. Steel slats. Flat armrests. Surface mount tabs.



RM-12

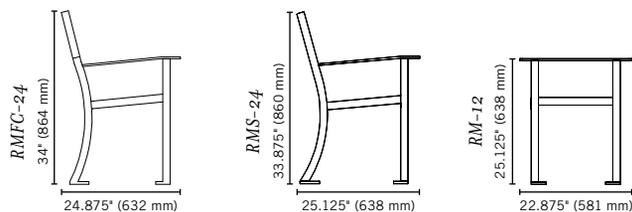
**RB-24 TAPERED LITTER RECEPTACLE** 24 gal (90 L).

**RB-36 TAPERED LITTER RECEPTACLE** 36 gal (136 L).

**RB-45 TAPERED LITTER RECEPTACLE** 45 gal (170 L).

Standard tapered formed lid. Black plastic liner. Leveling feet. Bottom recessed pedestal.

OPTIONS: Dome lid (ashtrays available). Convex lid (self-close door available). Rain bonnet lid (ashtrays available). Spherical dome lid for RB-36, RB-45. Recycle lids (pages 125, 130). Half-Moon liners for RB-36, RB-45. Galvanized steel liner for RB-24, RB-36 (powder coat available). Custom decals and plaques.



RMFC-24. Nagashima, Japan.

# STREETSITES™ COLLECTION



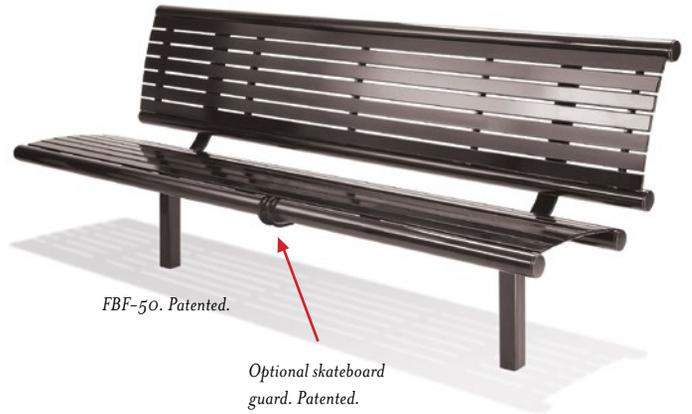
FS-53. Patented.

## **SIMPLE, CLEAN LINES RESULTING INFURNISHINGS WITH WIDE APPEAL**

Victor Stanley benches with steel panels are graceful and modern, without sacrificing durability or quality. The steel seating surface is more than amply supported by structural welded supports. Horizontal steel tubing aesthetically unifies the collection offering a distinctive, clean-lined style.



FS-50. Patented.



**FS-50 BENCH\***

**FS-53 BACKLESS BENCH\***

4, 6 or 8 ft (1.2, 1.8 or 2.4 m) length. Horizontal steel rods.

OPTIONS: Surface mount. In-ground mount. Armrests (bolt-on, special order). Skateboard guards, US Patent D647,729 S.

**FBF-50 BENCH\***

**FBF-53 BACKLESS BENCH\***

4, 6 or 8 ft (1.2, 1.8 or 2.4 m) length. Horizontal steel slats.

OPTIONS: Surface mount. In-ground mount. Armrests (bolt-on, special order). Skateboard guards, US Patent D647,729 S.

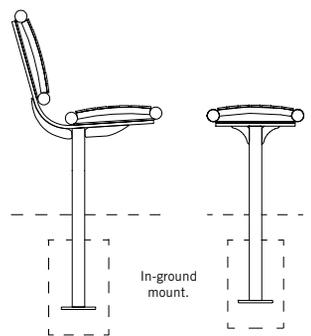
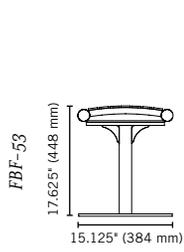
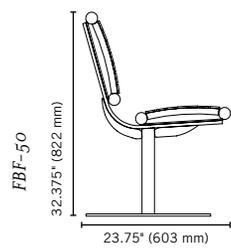
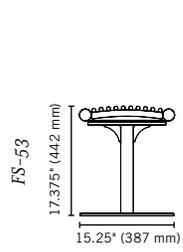
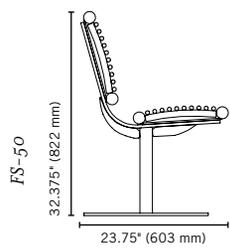
\*One or more of the following apply: US Patent(s) D579,684 S; D586,144 S; D585,209 S; D595,973 S.





**SKATEBOARD GUARDS**

Our skateboard guards are available for a selection of both backed and backless benches, US Patent D647,729 S.





F-50. Patented.\*

**F-50 BENCH\*\***

**F-53 BACKLESS BENCH\*\***

4, 6 or 8 ft (1.2, 1.8 or 2.4 m) length. Wood slats.  
 OPTIONS: Recycled plastic slats (see CM-50, CM-53 pages 102-103). Surface mount. In-ground mount. Armrests (bolt-on, special order). Skateboard guards, US Patent D647,729 S.

**FBF-63 BACKLESS BENCH\*\***

4, 6 or 8 ft (1.2, 1.8 or 2.4 m) length. Horizontal steel slats. Surface mount.

OPTIONS: Intermediate armrests (bolt-on). Skateboard guards, US Patent D647,729 S.



F-53. Patented.\*

**TH-24 LITTER RECEPTACLE** 24 gal (90 L).  
**TH-36 LITTER RECEPTACLE** 36 gal (136 L).

Wood slats. Standard tapered formed lid. Black plastic liner. Leveling feet.

OPTIONS: Recycled plastic slats (see RTH-24, RTH-36 page 104). Dome lid (ashtrays available). Convex lid (self-close door available). Rain bonnet lid (ashtrays available). Spherical dome lid for TH-36. Recycle lids (pages 125, 130). Half-Moon liners for TH-36. Galvanized steel liner (powder coat available). Custom decals and plaques.

*\*Natural wood colors will vary. Weathering may occur on site which will alter the color of the wood over time.*

**\*\*One or more of the following apply: US Patent(s) D585,209 S; D595,973 S; D609,933 S; Canada © 130653.**

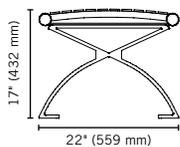


FBF-63. Optional armrest.  
Patented.

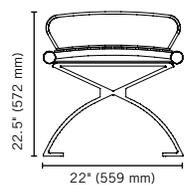


FBF-63. Patented.

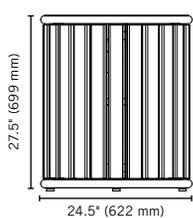
FBF-63



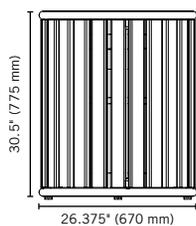
FBF-63 with optional armrest



TH-24

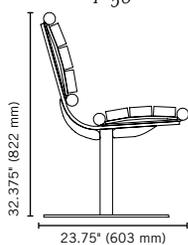


TH-36

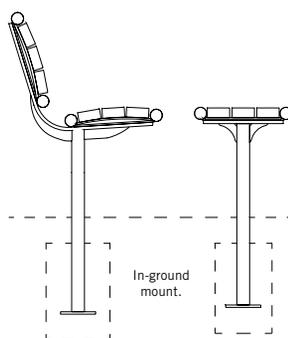
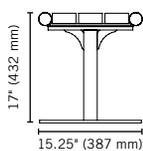


TH-24\*

F-50



F-53

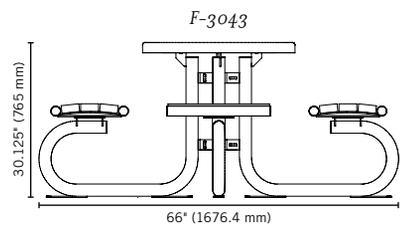
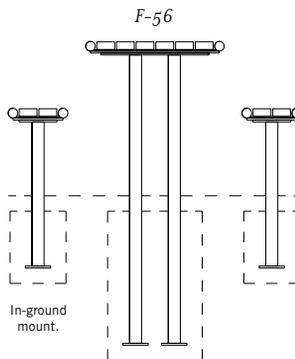
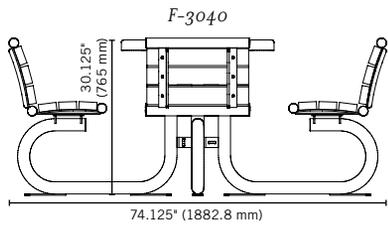
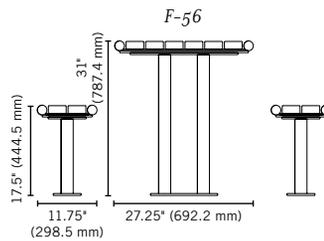
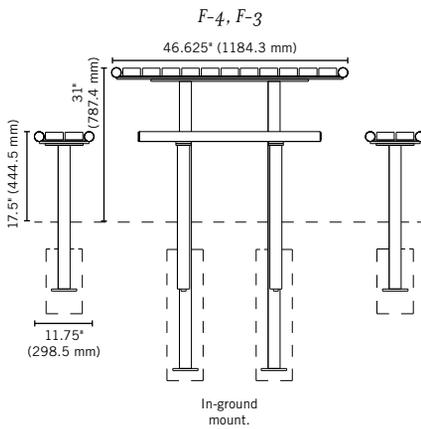
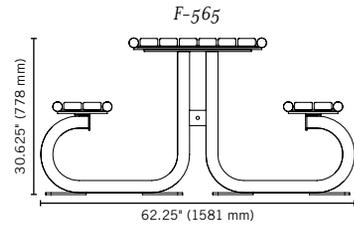
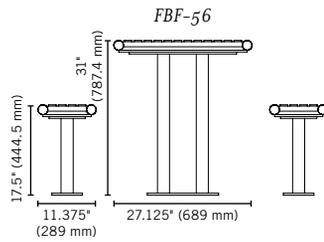
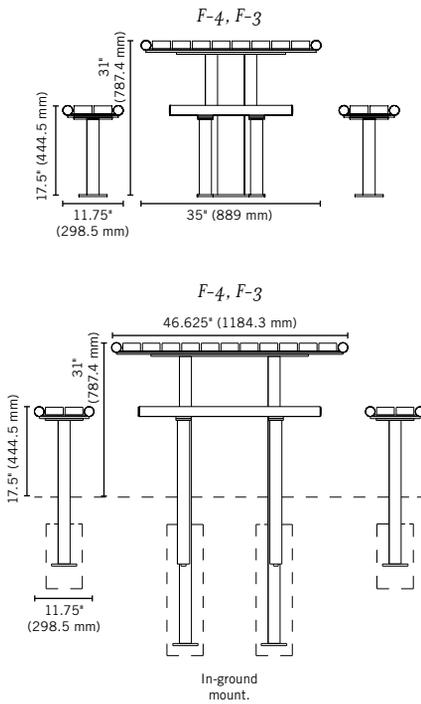




FBF-56. In-ground mount.  
Patented.



F-56. In-ground mount.  
Patented.\*



**F-4 TABLE WITH 4 BENCHES INCLUDED****F-3 TABLE WITH 3 BENCHES INCLUDED****F-2 TABLE WITH 2 BENCHES INCLUDED**

3 or 4 ft (0.9 or 1.2 m) square tabletop. Backless benches. Wood slats.

OPTIONS: Recycled plastic slats (see CM-4, CM-3, CM-2 page 104-105). Surface mount. In-ground mount. Gameboard. Skateboard guards, US Patent D647,729 S.



F-4.  
In-ground mount.\*

**F-56 TABLE WITH BENCHES INCLUDED\*\***

6 or 8 ft (1.8 or 2.4 m) length table and two backless benches. Wood slats.

OPTIONS: Recycled plastic slats (see CM-56 page 105). Surface mount. In-ground mount. Skateboard guards, US Patent D647,729 S.

♿ ADA Compliance: Pair table in extended 8 ft (2.4 m) length with 6 ft (1.8 m) benches.



F-565\*

**FBF-56 TABLE WITH BENCHES INCLUDED\*\***

6 or 8 ft (1.8 or 2.4 m) length table and two backless benches. Horizontal steel slats.

OPTIONS: Surface mount. In-ground mount. Skateboard guards, US Patent D647,729 S.

♿ ADA Compliance: Pair table in extended 8 ft (2.4 m) length with 6 ft (1.8 m) benches.

**F-565 TABLE WITH BENCHES**

6 or 8 ft (1.8 or 2.4 m) length table and two backless benches. Wood slats. Surface-mount tabs.

OPTIONS: Recycled plastic slats (see CM-565 page 105). Skateboard guards, US Patent D647,729 S.

♿ ADA Compliance: Pair table in extended 8 ft (2.4 m) length with 6 ft (1.8 m) benches.

**F-3040 TABLE WITH 4 SEATS WITH BACKS****F-3043 TABLE WITH 4 BACKLESS SEATS**

30 in (762 mm) round café tabletop. Wood slats. Surface-mount tabs.

OPTIONS: Recycled plastic slats (see CM-3040, CM-3043 page 105). Perforated tabletop. Gameboard. Hole and guide for umbrella pole. Skateboard guards, US Patent D647,729 S.



F-3043\*

\*Natural wood colors will vary. Weathering may occur on site which will alter the color of the wood over time.

\*\*One or more of the following apply: US Patent(s) D581,173 S; D581,188 S; D578,783 S.



T-24



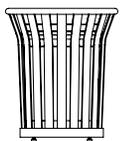
T-6



T-6. Optional covered ashtray.



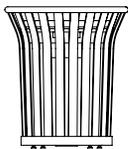
T-24. Optional dome lid.



T-24

25.75 in  
(654 mm) w

29.125 in  
(740 mm) h



T-32

28.5 in  
(724 mm) w

31.5 in  
(800 mm) h



T-45

28.5 in  
(724 mm) w

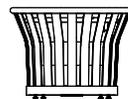
35.5 in  
(902 mm) h



T-6

17.25 in  
(438 mm) w

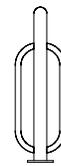
26 in  
(660 mm) h



TP-36

28.625 in  
(727 mm) w

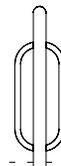
20 in  
(508 mm) h



BKR-35

11.625 in  
(295 mm) w

36 in  
(914 mm) h



BKR-36

7.25 in  
(184 mm) w

36 in  
(914 mm) h

In-ground  
mount.



In-ground  
mount.

Overall dimensions w=width h=height



TP-36 round, RST-218 custom rectangular planter. Norfolk, Virginia, USA.

#### T-6 STAND-ALONE ASH URN

16-gauge solid stainless-steel ashtray with 2 in (51 mm) depth and 10 in (254 mm) diameter. Black plastic liner. Leveling feet.

OPTION: Covered ashtray.

**T-24 LITTER RECEPTACLE** 24 gal (90 L).

**T-32 LITTER RECEPTACLE** 36 gal (136 L).

**T-45 LITTER RECEPTACLE** 45 gal (170 L).

Standard tapered formed lid. Black plastic liner. Leveling feet.

OPTIONS: Dome lid (ashtrays available). Convex lid (self-close door available). Rain bonnet lid (ashtrays available). Spherical dome lid for T-32, T-45. Recycle lids (pages 125, 130). Half-Moon liners for T-32, T-45. Galvanized steel liner for T-24, T-32 (powder coat available). Custom decals and plaques.

**TP-36 PLANTER** 18 gal (68 L).

Lid not included. Black plastic liner. Leveling feet.

OPTION: Wide-mouth formed lid.

**BKR-36 BOLLARD**

**BKR-35 BIKE BOLLARD**

3 in (76 mm) OD tubular steel.

OPTIONS: Surface mount. In-ground mount.



BKR-36. Chain not included.



BKR-35

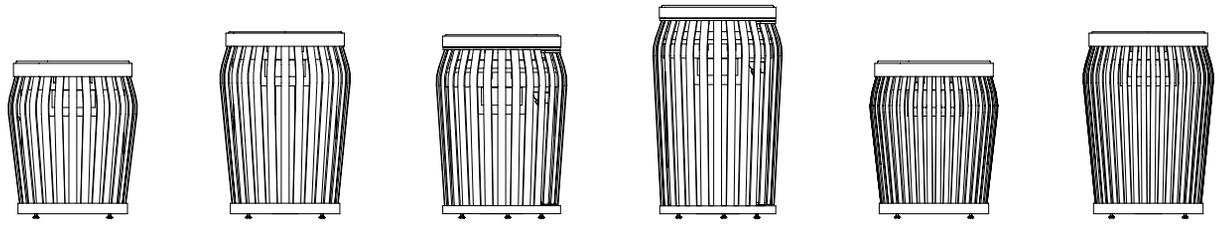
# DYNASTY COLLECTION



*DYN-SD-45. Optional band decals. New York, New York, USA. Patented.*

## **SMALL FOOTPRINT, GRAND STYLE**

Time-honored classic vase form constructed of delicately shaped solid steel bars. Designed to solve the conflicting requirements of capacity, footprint, precision, ease of use, and beauty. Side-doors feature superb hardware with oil-impregnated bronze bushings and stainless-steel pivot pins, standard with inboard positive latch with easy-release action.



DYN-36	DYN-45	DYN-SD-36	DYN-SD-45	DYN-42	DYN-425
24.875 in (632 mm) w	24.75 in (629 mm) w	24.75 in (629 mm) w	24.875 in (632 mm) w	24.625 in (625 mm) w	25.125 in (638 mm) w
28.5 in (724 mm) h	34.375 in (873 mm) h	33.25 in (845 mm) h	39.125 in (994 mm) h	28.5 in (724 mm) h	34.375 in (873 mm) h

Overall dimensions w=width h=height

Side-door or top-load receptacles in 36 and 45 gal (136 and 170 L) capacities. Top-load receptacles feature vertical solid-steel bars in both 1 inch and 1.5 inch (25 mm and 38 mm) widths.



DYN-36. Patented.



DYN-SD-36. Patented.



DYN-42. Patented.

**DYN-36 LITTER RECEPTACLE\*** 36 gal (136 L).

**DYN-45 LITTER RECEPTACLE\*** 45 gal (170 L).

Vertical 1.5 in (38 mm) wide solid steel bars. Standard tapered formed lid. Black plastic liner. Leveling feet.

OPTIONS: Rain bonnet lid (ashtrays available). Dome lid (ashtrays available). Convex lid (self-close door available). Spherical dome lid. Recycle lids (pages 125, 130). Half-Moon liners. Custom decals.

**DYN-SD-36 SIDE-DOOR LITTER RECEPTACLE\*** 36 gal (136 L).

**DYN-SD-45 SIDE-DOOR LITTER RECEPTACLE\*** 45 gal (170 L).

Vertical 1.5 in (38 mm) wide solid steel bars. Standard tapered formed lid. Black plastic liner. Latch. Leveling feet.

OPTIONS: Relay sensor available for select lids. Rain bonnet lid (ashtrays available). Dome lid (ashtrays available). Convex lid (self-close door available). Enclosed dome lid (ashtrays available). Spherical dome lid. Recycle lids (pages 125, 130). Half-Moon liners. Custom decals.

\*One or more of the following apply: US Patents D573,766 S; D542,993 S; D606,271 S; D586,062 S; Canada © 121438; other patents pending.

**DYN-42 LITTER RECEPTACLE\*** 36 gal (136 L).

**DYN-425 LITTER RECEPTACLE\*** 45 gal (170 L).

Vertical 1 in (25 mm) wide solid steel bars. Standard tapered formed lid. Black plastic liner. Leveling feet.

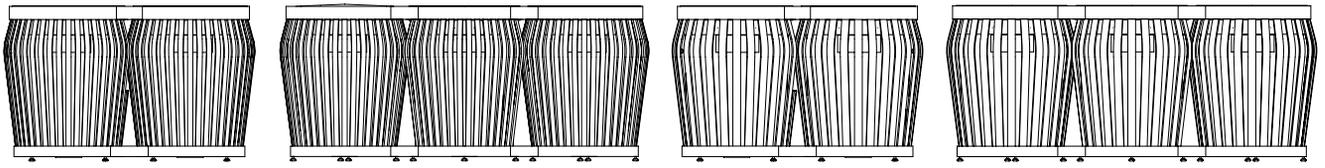
OPTIONS: Dome lid (ashtrays available). Convex lid (self-close door available). Rain bonnet lid (ashtrays available). Spherical dome lid. Recycle lids (pages 125, 130). Half-Moon liners. Custom decals.



*DYN-342. Scottsdale, Arizona, USA. Patented.*

## **AN ALL-IN-ONE SOLUTION FOR PROMOTING RECYCLING AND LITTER CONTAINMENT**

Top-load recycling stations with vertical solid steel bars available in both 1 inch and 1.5 inch (25 mm and 38 mm) widths. Standard with top band and lid decals that clearly identify the receptacles and designate the types of recyclables accepted. Custom designed decals are available.



Model	Width (w)	Height (h)
DYN-242	46 in (1168 mm)	28.5 in (724 mm)
DYN-342	69.25 in (1759 mm)	28.5 in (724 mm)
DYN-236	46 in (1168 mm)	28.5 in (724 mm)
DYN-336	71.625 in (1820 mm)	28.5 in (724 mm)

Overall dimensions w=width h=height



DYN-242. Patented.



DYN-236. Patented.



DYN-336. Patented.

**DYN-242 RECYCLING STATION\*** 72 gal (272 L).

CAPACITY: two 36 gal (136 L) liners. Vertical 1 in (25 mm) wide solid steel bars. Includes two lids in any combination (specify position): standard tapered formed lid, recycle lid, and/or slotted lid. Black plastic liners. Standard decals. Leveling feet.

OPTIONS: Dual-flow lid. Dome lid (ashtrays available). Convex lid (self-close door available). Rain bonnet lid (ashtrays available). Spherical dome lid. Half-Moon liners. Custom decals.

**DYN-342 RECYCLING STATION\*** 108 gal (408 L).

CAPACITY: three 36 gal (136 L) liners. Vertical 1 in (25 mm) wide solid steel bars. Includes three lids in any combination (specify position): standard tapered formed lid, recycle lid and/or slotted lid. Black plastic liners. Standard decals. Leveling feet.

OPTIONS: See DYN-242 options above.

**DYN-236 RECYCLING STATION\*** 72 gal (272 L).

CAPACITY: two 36 gal (136 L) liners. Vertical 1.5 in (38 mm) wide solid steel bars. Includes two lids in any combination (specify position): standard tapered formed lid, recycle lid, and/or slotted lid. Black plastic liners. Standard decals. Leveling feet.

OPTIONS: Dual-flow lid. Dome lid (ashtrays available). Convex lid (self-close door available). Rain bonnet lid (ashtrays available). Spherical dome lid. Half-Moon liners. Custom decals.

**DYN-336 RECYCLING STATION\*** 108 gal (408 L).

CAPACITY: three 36 gal (136 L) liners. Vertical 1.5 in (38 mm) wide solid steel bars. Includes three lids in any combination (specify position): standard tapered formed lid, recycle lid, and/or slotted lid. Black plastic liners. Standard decals. Leveling feet.

OPTIONS: See DYN-236 options above.

\*US Patent D595,916 S.

*Delicately shaped 1.5 in  
(38 mm) wide vertical solid steel bars.*



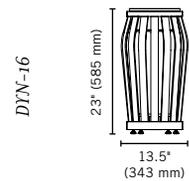
*DYN-18.  
Patented.*



*DYN-36 litter receptacle. DYN-16 ash urn. Patented.*

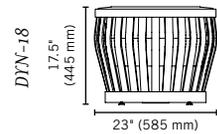
**DYN-16 STAND-ALONE ASH URN\***

Vertical 1.5 in (38 mm) wide solid steel bars. Stainless-steel ashtray is 16-gauge solid stainless-steel with 2 in (51 mm) depth and 10 in (254 mm) diameter. Black plastic liner. Leveling feet.



**DYN-18 PLANTER\*** 18 gal (68 L).

Vertical 1.5 in (38 mm) wide solid steel bars. Standard wide-mouth formed lid. Black plastic liner. Four leveling feet.



**OPTIONAL DUAL-FLOW LID. OPTIONAL HALF-MOON LINERS.**

For additional recycling lids see pages 125, 130.



*Standard  
heavy-duty ashtray.*



*Optional  
covered ashtray.*



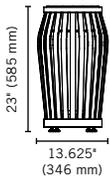
*DYN-SD-36.  
Patented.\**



DYN-428  
planter. Patented.

*Narrower, closely spaced 1 in (25 mm)  
wide vertical solid steel bars.*

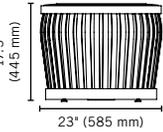
DYN-426



**DYN-426 STAND-ALONE ASH URN\***

Vertical 1 in (25 mm) wide solid steel bars. Stainless-steel ashtray is 16-gauge solid stainless-steel with 2 in (51 mm) depth and 10 in (254 mm) diameter. Black plastic liner. Leveling feet.

DYN-428



**DYN-428 PLANTER\* 18 gal (68 L).**

Vertical 1 in (25 mm) wide solid steel bars. Standard wide-mouth formed lid. Black plastic liner. Four leveling feet.

*\*One or more of the following apply: US Patents D573,766 S; D542,993 S; D606,271 S; D561,967 S; D553,821 S; D621,295 S; Canada © 117060.*



DYN-426. Patented.

**DYN-SD-36 with OPTIONAL LIDS.**



Spherical Dome.



Convex.



Dome.



Rain Bonnet.



Enclosed Dome.



Spherical Dome with self-close door.



Convex with self-close door.



Dome with ashtray.



Rain Bonnet with ashtray.



Enclosed Dome with ashtray.

# STEELSITES™ COLLECTION



*SDC-36 side-door receptacles with custom decals and optional plaques.  
Thunder Bay, Ontario, Canada.*

## **SIDE-DEPOSIT SIDE-DOOR LITTER RECEPTACLES**

A derivative of our popular NSDC-36, the contemporary SDC-36 steel receptacle embraces an uncluttered, clean-lined design and features two unique side-deposits. We manufacture our side-door hinging mechanism with durability, dependability, and longevity in mind. A marvel of detail and structural integrity, the side-door hinges have stainless steel hinge pins and oil-impregnated bronze bushings. Paired with our new Half-Moon liners, it is easy and cost effective to separate different waste streams without sacrificing capacity or durability.

**Door Hinges**

Composed of precision stainless-steel pivot pins and oil-impregnated bronze bushings for reliable all-weather durability year after year (photo page 125).

**Materials**

Vertical solid steel bars 3/8 x 1 in (10 x 25 mm). At least 98% of our steel bar's composition is obtained from recycled metal.

**Powder Coat Finish**

Our TGIC powder coating averages 8-10 mils (200-250 microns) thick and is applied in-house to ensure the highest level of quality. Offered in 12 standard and metallic colors, plus a full range of RAL colors with available color matching. Additional cost may apply.

**Side Door**

Provides easy access and utility (no heavy lifting of full liners).

**Latch or Keyed Locking Mechanism**

Standard latch closure or optional patented keyed locking mechanism (US Patent 6,339,944 B1). Our keyed locking mechanism is a unique design with a custom key to prevent tampering and residential trash disposal.

**(5) Adjustable Leveling Feet**

Keeps receptacles level and bottom of frame off the surface. Prevents the bottom from scuffing and allows for easier cleaning under the receptacle.

**Victor Stanley Relay™**

Street Level Sensing™ technology to monitor fill level, temperature, weight, location via GPS and collection status, in real-time and historically. Available for select lids (pages 6-15).



SDC-36. Optional solid convex lid with raised band and decals.



SDC-36



RSDC-36. Patented.



**SDC-24 SIDE-DEPOSIT SIDE-DOOR LITTER RECEPTACLE** 24 gal (90 L).

**SDC-36 SIDE-DEPOSIT SIDE-DOOR LITTER RECEPTACLE** 36 gal (136 L).

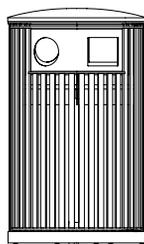
Solid convex bolted lid. Black plastic liner. Latch. Leveling feet.

OPTIONS: Relay sensor available for select lids. Keyed locking mechanism, US Patent 6,339,944 B1. Solid convex lid with raised band. Ashtray (standard or covered). Half-Moon liners for SDC-36. Split liner for SDC-24. Galvanized steel liner (powder coat available). Side-access plate with recycle hole. Custom decals and plaques (pages 128-133).

**RSDC-36 SIDE-DEPOSIT SIDE-DOOR LITTER RECEPTACLE** 36 gal (136 L).

US Patents D671,289 S; D661,857 S. Solid convex bolted lid with divider. Half-Moon plastic liners (pair). Standard decals. Latch. Leveling feet.

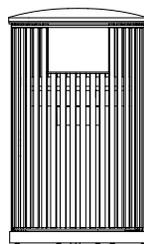
OPTIONS: Relay sensor available for select lids. Keyed locking mechanism, US Patent 6,339,944 B1. Ashtray (standard or covered). Custom decals and plaques (pages 128-133).



RSDC-36

24.625 in (625 mm) w

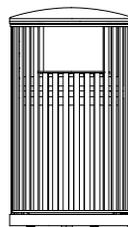
41.375 in (1051 mm) h



SDC-36

24.625 in (625 mm) w

41.375 in (1051 mm) h



SDC-24

22 in (559 mm) w

38.5 in (978 mm) h

Overall dimensions w=width h=height



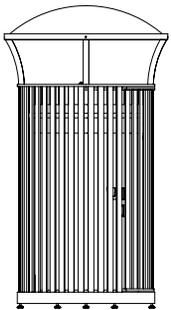
RSDC-36. Custom decals. Artis Royal Zoo, Amsterdam. Patented.



A-36



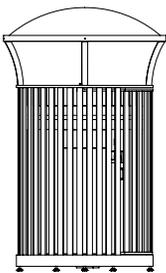
A-36. Optional ashtray.



A-45

29.125 in (740 mm) w

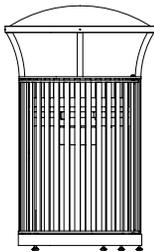
52.5 in (1334 mm) h



A-36

29.125 in (740 mm) w

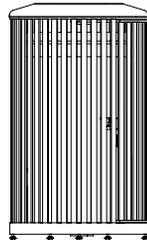
46 in (1168 mm) h



A-24

27 in (686 mm) w

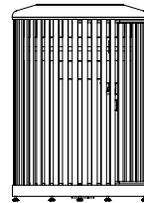
42.5 in (1080 mm) h



NSDC-45

24.625 in (625 mm) w

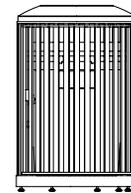
40.75 in (1035 mm) h



NSDC-36

24.625 in (625 mm) w

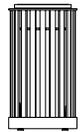
34.25 in (870 mm) h



NSDC-24

22 in (559 mm) w

32.25 in (819 mm) h



NSDC-20

12.25 in (311 mm) w

22 in (559 mm) h

Overall dimensions w=width h=height



NSDC-20



NSDC-36. Optional keyed locking mechanism.

**NSDC-20 STAND-ALONE ASH URN**

Stainless-steel ashtray is 16-gauge solid stainless-steel with 2 in (51 mm) depth and 10 in (254 mm) diameter. Black plastic liner. Leveling feet.  
 OPTION: Covered ashtray.

**A-24 SIDE-DOOR LITTER RECEPTACLE** 24 gal (90 L).

**A-36 SIDE-DOOR LITTER RECEPTACLE** 36 gal (136 L).

**A-45 SIDE-DOOR LITTER RECEPTACLE** 45 gal (170 L).

Integral canopy dome lid. Black plastic liner. Latch. Leveling feet.  
 OPTIONS: Relay sensor available for select lids. Keyed locking mechanism, US Patent 6,339,944 B1. Ashtray (standard or covered). Half-Moon liners for A-36, A-45. Galvanized steel liner for A-24, A-36 (powder coat available). Custom decals and plaques.

**NSDC-24 SIDE-DOOR LITTER RECEPTACLE** 24 gal (90 L).

**NSDC-36 SIDE-DOOR LITTER RECEPTACLE** 36 gal (136 L).

**NSDC-45 SIDE-DOOR LITTER RECEPTACLE** 45 gal (170 L).

Standard convex bolted lid. Black plastic liner. Latch. Leveling feet.  
 OPTIONS: Relay sensor available for select lids. Keyed locking mechanism, US Patent 6,339,944 B1. Dome lid (ashtrays available). Rain bonnet lid (ashtrays available). Spherical dome lid for NSDC-36. Half-Moon liners for NSDC-36, NSDC-45. Galvanized steel liner for NSDC-24, NSDC-36 (powder coat available). Custom decals and plaques.

**Victor Stanley Relay™**

Street Level Sensing™ technology to monitor fill level, temperature, weight, location via GPS and collection status, in real-time and historically. Available for select lids (pages 6-15).

**Door Hinges**

Composed of precision stainless-steel pivot pins and oil-impregnated bronze bushings for reliable all-weather durability year after year (photo page 125).

**Side Door**

Provides easy access and utility (no heavy lifting of full liners).

**Latch or Keyed Locking Mechanism**

Standard latch closure or optional patented keyed locking mechanism (US Patent 6,339,944 B1). Our keyed locking mechanism is a unique design with a custom key to prevent tampering and residential trash disposal.

**(5) Adjustable Leveling Feet**

Keeps receptacle level and bottom of frame off the surface. Prevents the bottom from scuffing and allows for easier cleaning under the receptacle.

**Plaques and Decals**

Optional steel plaques in various sizes with custom printed decals with your logo or lettering for messages, advertising, or memorials. See pages 128-133 or visit victorstanley.com for details.

**Powder Coat Finish**

Our TGIC powder coating averages 8-10 mils (200-250 microns) thick and is applied in-house to ensure the highest level of quality. Offered in 12 standard and metallic colors, plus a full range of RAL colors with available color matching. Additional cost may apply.

**Materials**

Vertical solid steel bars 3/8 x 1 in (10 x 25 mm). At least 98% of our steel bar's composition is obtained from recycled metal.



A-36. Optional ashtray.



NSDC-36



*Custom curved bench. AP-22 multipurpose table & bench.*

## CUSTOM CURVED BENCHES

Since the introduction of our model NRBI-225 (inside-facing) and NRBO-225 (outside-facing) curved benches, we have been receiving requests from the design community asking for custom NRB continuous seating in varying configurations, lengths, and mixed radii.

Having perfected meeting these design requirements with our backless FRB benches, we set out to solve the complicated engineering, tooling, and design challenges for producing custom radii NRB style continuous seating. We are very proud to announce that we made the impossible, possible.

Comfort was a big challenge in producing these benches given the compound angles and the need to keep the seat pitched using our traditional contour, rather than the easier, less comfortable and far less elegant seating using horizontal seats with no pitch. The pitched seat and back required breakthrough innovations in fixturing and tooling design coupled with computer communications between machines resulting in great flexibility and enormous value.

Imagine the complexity of positioning an array of formed steel ribbons in an ever-adjustable sweep of radii, while maintaining the pitch and comfort of a contoured seating surface. Now imagine incorporating sufficient precision to hold, maintain, and weld dozens of such pieces. We can now do benches in fixed radii, concentric radii, even the classic moving elegance of the French curve. And, because of the investment in tooling and technology, we can do all this cost-effectively, flexibly, and quickly.



*Arnold, Maryland, USA.*



## CONTINUOUS SEATING

Standard components combine to create custom shapes. Create the shape and size your design requires using our standard bench components or contact us for customized options.



### SKATEBOARD GUARD

*Our scrolled steel seating provides a natural skate deterrent.*



2



3



5



4

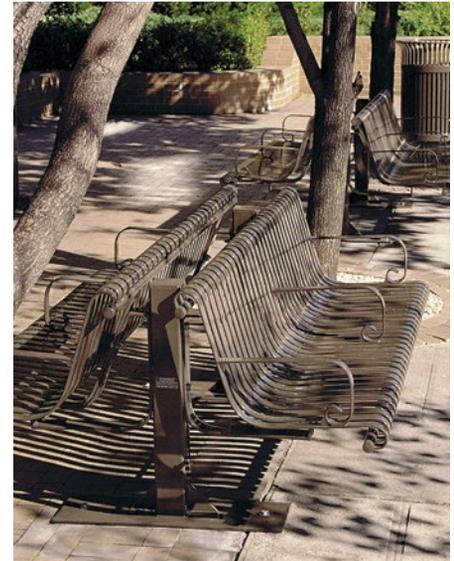
1. Standard NRB-6 bench components. Odivelas City, Portugal.
2. Custom NRBO and FRB-2 components. Optional armrests. Helsingborg, Sweden.
3. Standard NRB bench components. Optional armrests. New York, USA.
4. Custom FRB-2 components to retro-fit on a wall. Maryland, USA.
5. Standard FRB-2 bench components. New Jersey, USA.



FRB-2



FRB-6



NRB-6. Optional armrests. Optional back-to-back mount.

## INDIVIDUAL BENCHES

Combine to create continuous straight or contoured seating.

### FRB-2 CURVED BACKLESS BENCH

6 or 12 ft (1.8 or 3.6 m) length. Approximate 160 in (4064 mm) inside radius (22.5 deg). Steel scrolls.  
 OPTIONS: Surface mount. In-ground mount. Gull-wing mount. Armrests (bolt-on). Junction braces for continuous configuration.

### FRB-6 STRAIGHT BACKLESS BENCH

4, 6 or 8 ft (1.2, 1.8 or 2.4 m) length. Steel scrolls. Center leg standard with 8 ft (2.4 m) length.  
 OPTIONS: Surface mount. In-ground mount. Gull-wing mount. Wall-mount for 6 ft (1.8 m). Armrests (bolt-on). Junction braces for continuous configuration.

### NRB-6 STRAIGHT BENCH

4, 6 or 8 ft (1.2, 1.8 or 2.4 m) length. Steel scrolls.  
 OPTIONS: Surface mount. In-ground mount. Gull-wing mount. Wall-mount. Back-to-back mount. Armrests (bolt-on). Junction braces for continuous configuration.



NRBI-225



NRBO-225

### NRBI-225 INSIDE-FACING BENCH

### NRBO-225 OUTSIDE-FACING BENCH

Approximate 6 ft (1.8 m) section. Approximate 160 in (4064 mm) standard inside radius (22.5 deg).

OPTIONS: Custom radii, fixed radii, concentric radii, even the classic moving elegance of the French curve. Surface mount. In-ground mount. Gull-wing mount. Armrests (bolt-on). Junction braces for continuous configurations.



Full 1/4 x 1-1/2 in (6.5 x 38 mm) formed solid steel bars welded to tubular steel cross members.

Cross members are 1-5/16 in (33 mm) diameter tubular steel.

2-3/8 in (60 mm) diameter tubular steel legs.

Integrally welded 5/8 in (16 mm) diameter solid steel reinforcement rod.

Fully welded joints throughout.

NRB-6.  
In-ground mount.



NRB-6. Optional armrests. Optional gull-wing mount. Rockville, Maryland, USA.



*FRS-19 seats at perimeter of sculpture to create a welcoming space. Olympia, Washington, USA.*

## INDIVIDUAL SEATS

Create a defining perimeter or open border. Transition spaces have never been more flexible, more usable, or more appropriately contiguous to the requirements of each side of the space. Accommodate a broad variety of surface treatments, backgrounds, buildings, art, and natural surroundings.



*NRS-19 seats installed opposite FRS-19 backless seats allowing an unobstructed view of waters edge.*

*Simulate any curve with individual seats carefully arranged.*

**NRS-19 SEAT** 19 in (483 mm) length.

**NRS-24 SEAT** 24 in (610 mm) length.

**NRS-36 SEAT** 36 in (914 mm) length.

**NRS-42 SEAT** 42 in (1067 mm) length.

Steel scrolls.

OPTIONS: Surface mount. In-ground mount. Armrests (bolt-on).  
Junction braces for continuous configuration.

**FRS-19 BACKLESS SEAT** 19 in (483 mm) length.

**FRS-24 BACKLESS SEAT** 24 in (610 mm) length.

**FRS-36 BACKLESS SEAT** 36 in (914 mm) length.

**FRS-42 BACKLESS SEAT** 42 in (1067 mm) length.

Steel scrolls.

OPTIONS: Surface mount. In-ground mount. Armrests (bolt-on).  
Junction braces for continuous configuration.

**NRMT RAIL-MOUNT**

Seat length: 19 or 24 in (483 or 610 mm). Vertical steel scrolls.

Specify backless or with back.

Model NRMT-2 2-seat length.

Model NRMT-3 3-seat length.

Model NRMT-4 4-seat length.

OPTIONS: Surface mount. In-ground mount. Armrests (bolt-on).



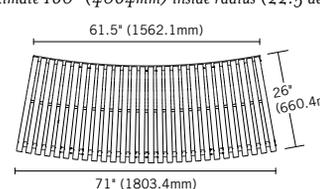
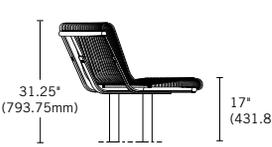
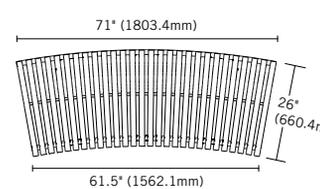
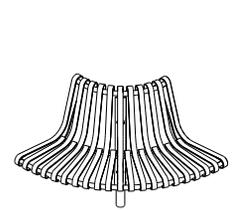
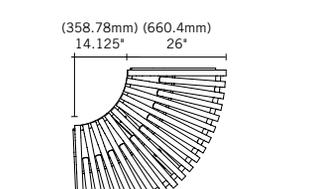
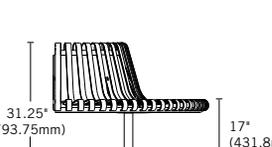
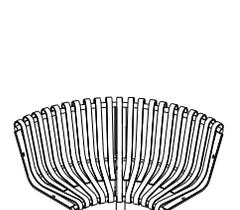
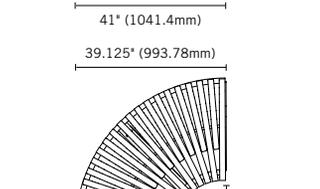
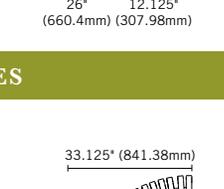
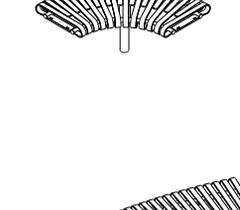
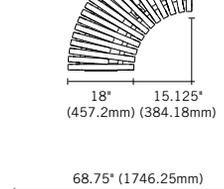
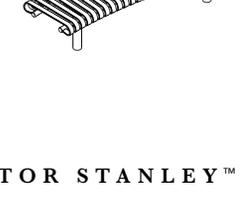
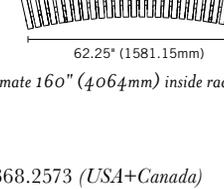
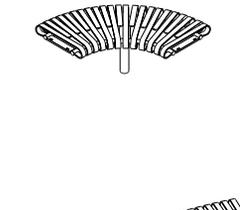
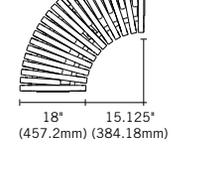
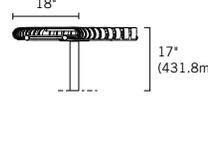
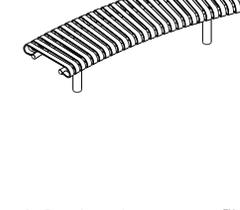
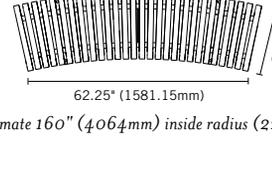
*Rail-mounted seats. Limitless combinations, curved or straight, with any number of seats.*



*NRS-19. Westminster, Colorado, USA.*

## CUSTOMIZABLE SEATING

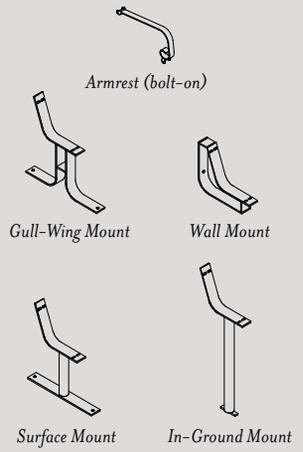
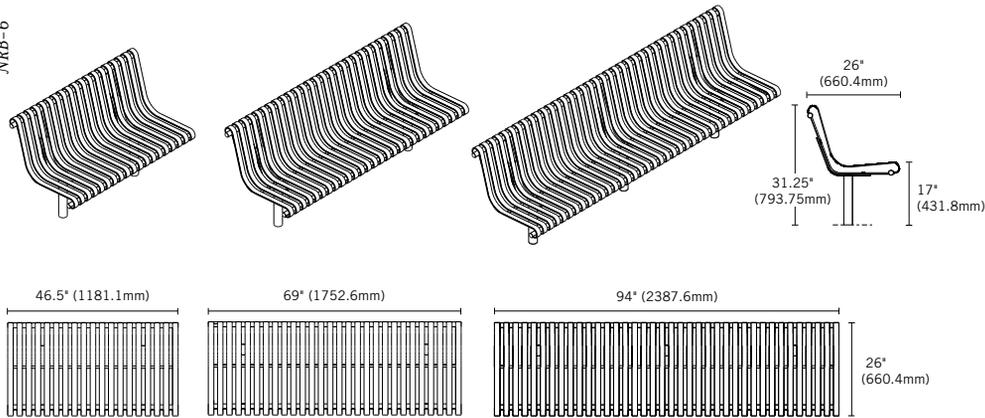
Seating components combine to create custom configurations. Select the components your design requires. Include a site drawing with the location of each joining section, armrest, etc.

CURVED BENCHES WITH BACKS			Options
NRBO-225		<p>Approximate 160" (4064mm) inside radius (22.5 deg)</p> 	
			
NRBI-225		<p>Approximate 160" (4064mm) inside radius (22.5 deg)</p> 	
			
NRB-90*			
			
NRBC1-90*			
<p>*Additional leg(s) may be provided at junction(s) with NRB-90, NRBC1-90.</p>			 Armrest (bolt-on)  In-Ground Mount  Gull-Wing Mount  Surface Mount
CURVED BACKLESS BENCHES			Options
FRBC1-90*			
			
FRB-2		<p>Approximate 160" (4064mm) inside radius (22.5 deg)</p> 	
<p>*Additional leg(s) may be provided at junction(s) with FRBC1-90.</p>			 Armrest (bolt-on)  Surface Mount  In-Ground Mount

STRAIGHT BENCHES WITH BACKS

Options

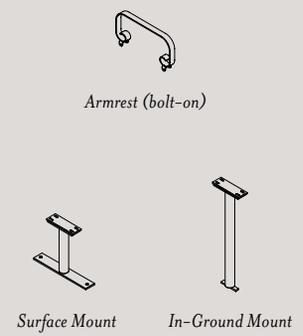
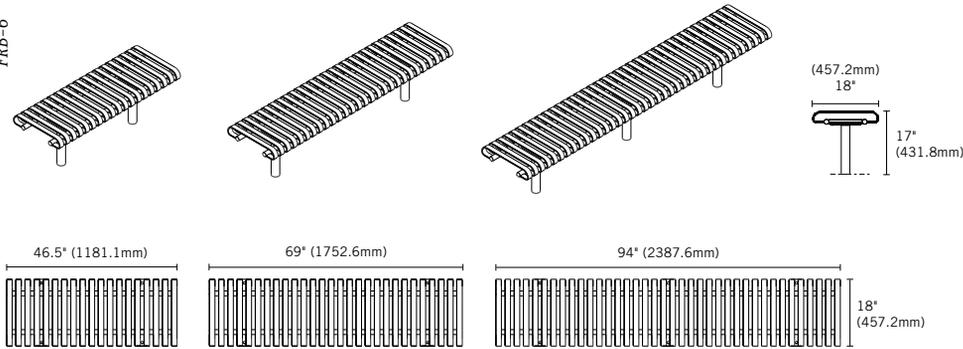
NRB-6



STRAIGHT BACKLESS BENCHES

Options

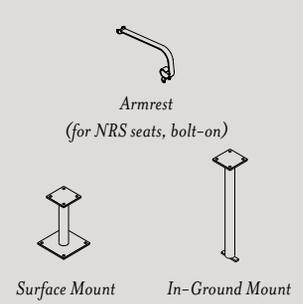
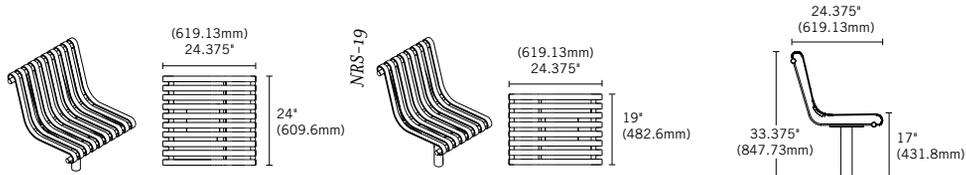
FRB-6



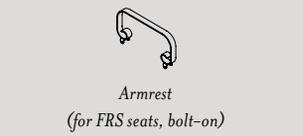
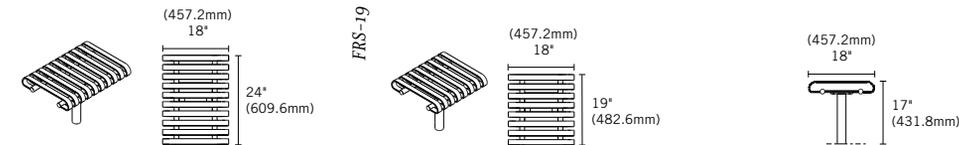
SEATS WITH AND WITHOUT BACKS

Options

NRS-24



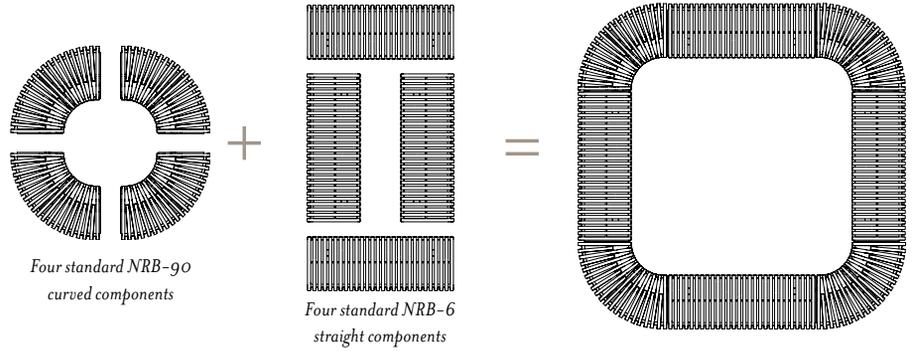
FRS-24



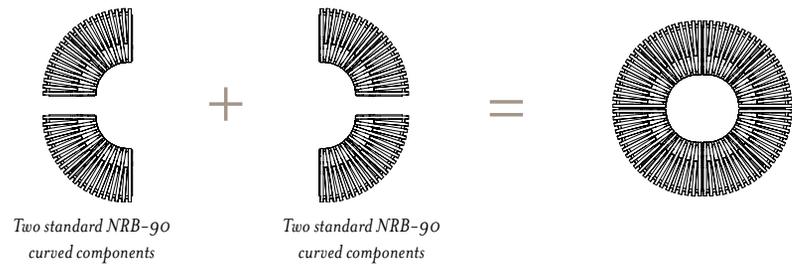
**CONTINUOUS SEATING** Standard and custom components.



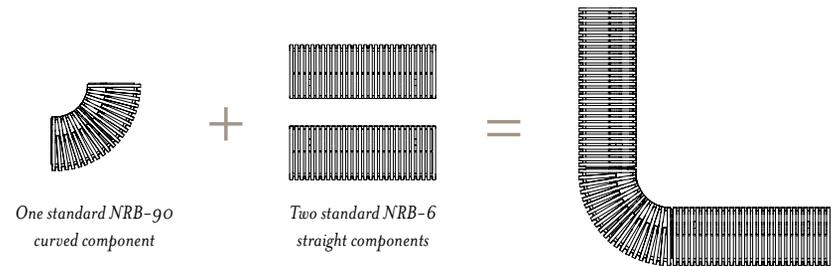
**CLOSED SHAPE**



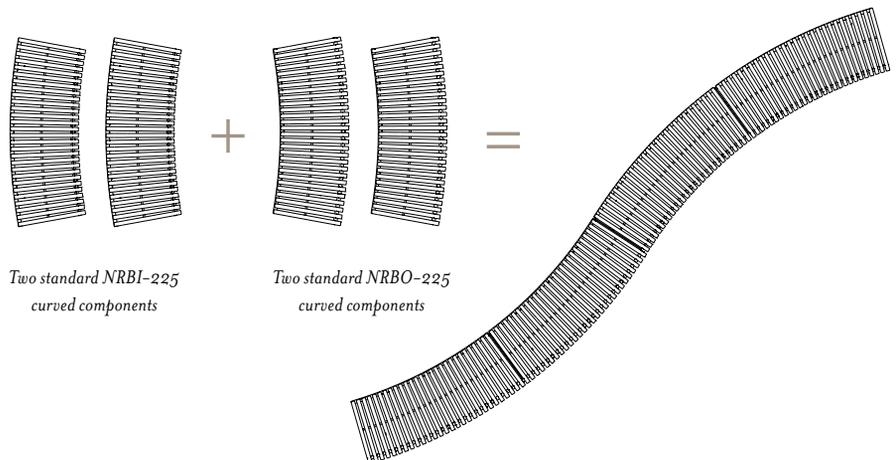
**CIRCLE**



**L-SHAPES**

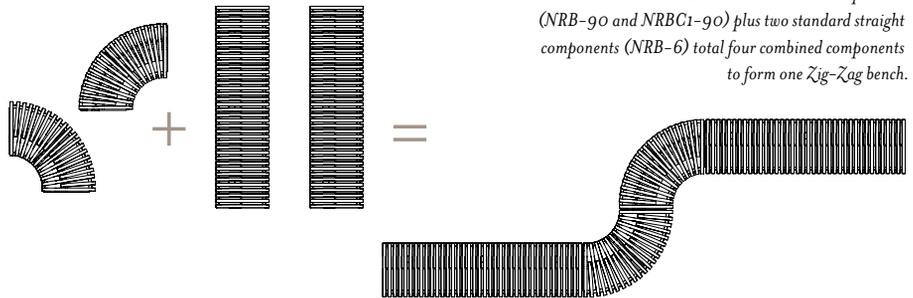


**SERPENTINE**





ZIG-ZAG



Two standard curved components (NRB-90 and NRBC1-90) plus two standard straight components (NRB-6) total four combined components to form one Zig-Zag bench.

CUSTOM CURVED BENCH GUIDE

When specifying a custom curved bench, please provide one radius/diameter dimension and one length/angle dimension. In all cases, provide as much information as possible, including boundary features, mounting type, armrests, and joining options.

RADIUS/DIAMETER DIMENSIONS

Provide one of the following:

**A- OUTSIDE RADIUS/DIAMETER**

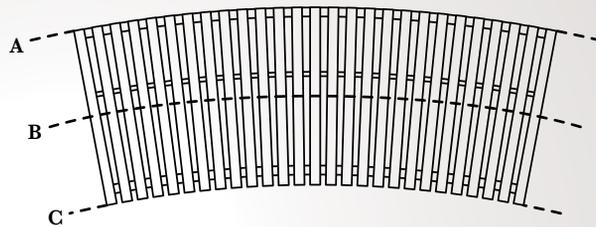
Outer most edge of bench from center of circle.

**B- CENTERLINE RADIUS/DIAMETER**

Center of bench from center of circle.

**C- INSIDE RADIUS/DIAMETER**

Inner most edge of bench from center of circle.



LENGTH/ANGLE DIMENSIONS

Provide one of the following:

**D- OUTSIDE CURVE LENGTH**

Curve length of the outer most edge of bench.

**E- OUTSIDE STRAIGHT LENGTH**

Straight length from the outer most corners of bench.

**F- CENTERLINE CURVE LENGTH**

Curve length along the center line of bench.

**G- ANGLE TO FILL**

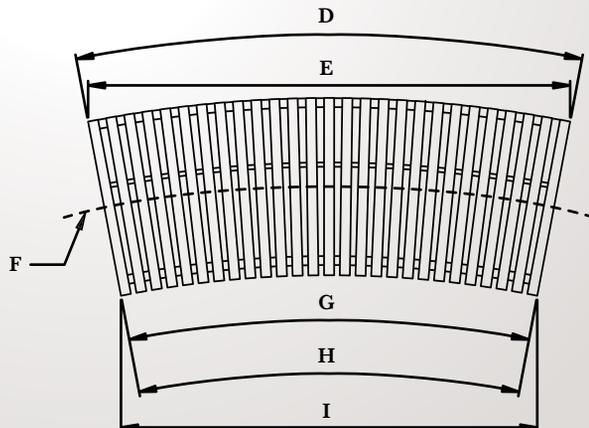
Angle of circle to fill.

**H- INSIDE CURVE LENGTH**

Curve length of the inner most edge of bench.

**I- INSIDE STRAIGHT LENGTH**

Straight length from the inner most corners of bench.

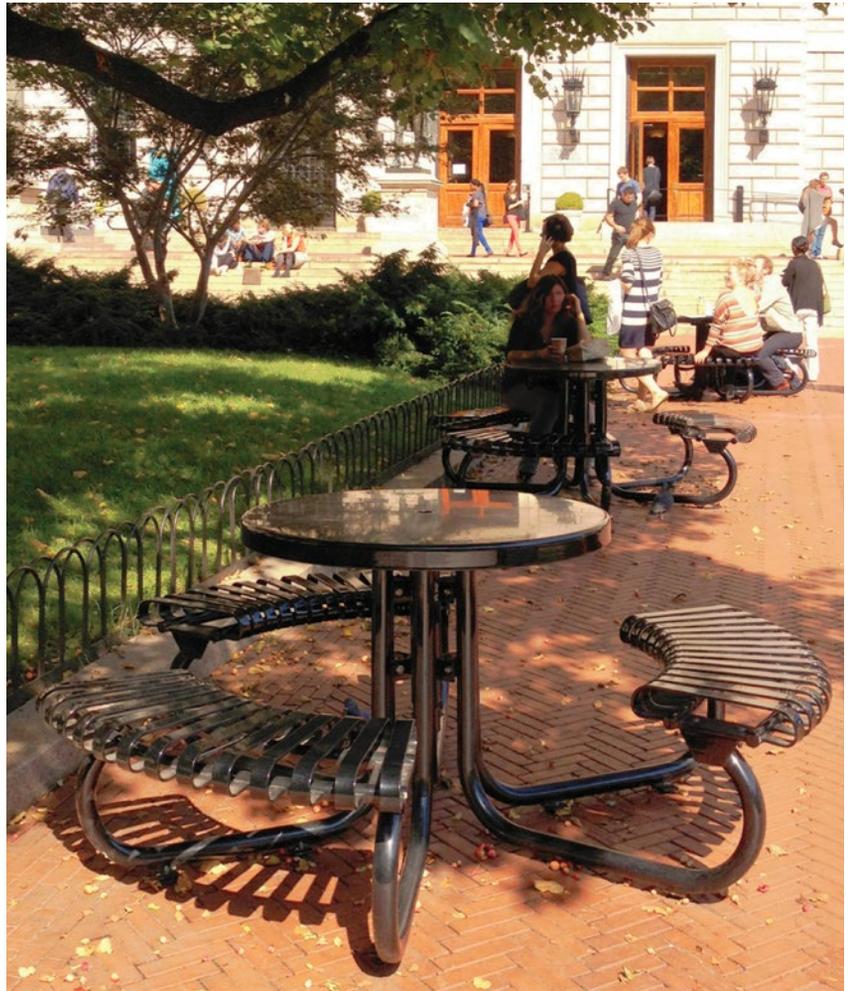




RND-ACS-2



RND-333



RND-363. New York, New York, USA.

## *Café tabletops with scrolled steel seating.*

### **RPCT ROUND CAFÉ TABLE SPCT SQUARE CAFÉ TABLE**

24, 30, 36 or 42 in (610, 762, 914 and 1067 mm) tabletop.

OPTIONS: Surface mount. In-ground mount. Umbrella mount. Perforated tabletop for RPCT – round or slot pattern. Gameboard.

SEATING OPTIONS (SOLD SEPARATELY): NRS Scrolled Seat and FRS Backless Scrolled Seat 19, 24, 30, 36 or 42 in (483, 610, 762, 914 or 1067 mm). Specify surface or in-ground mount. Café chairs, see page 83.

### **RND INDEPENDENT-POST TABLE WITH SEATS**

Round café tabletop. Backless scrolled seats.

Model RND-333: 36 in (914 mm) tabletop. Three seats.

Model RND-425: 42 in (1067 mm) tabletop. Five seats.

 Model RND-ACS-2: 36 in (914 mm) tabletop. Two seats. ADA compliant with off-center table mount for added clearance.

OPTIONS: Surface mount. In-ground mount. Off-center umbrella mount. Perforated tabletop – round or slot pattern.

### **RND-363 FREESTANDING TABLE WITH INTEGRAL SEATS**

36 in (914 mm) round café tabletop. Three backless scrolled seats. Surface mount tabs.

OPTIONS: Hole and guide for umbrella pole. Perforated tabletop – round or slot pattern.



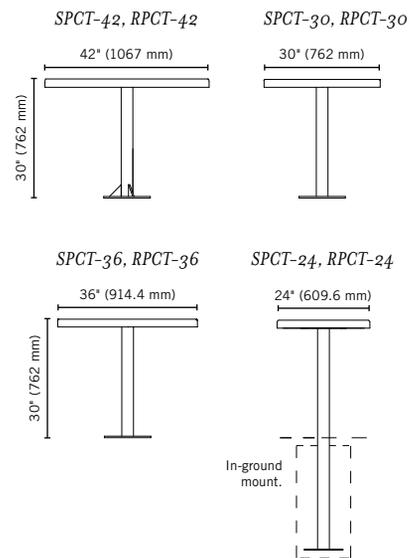
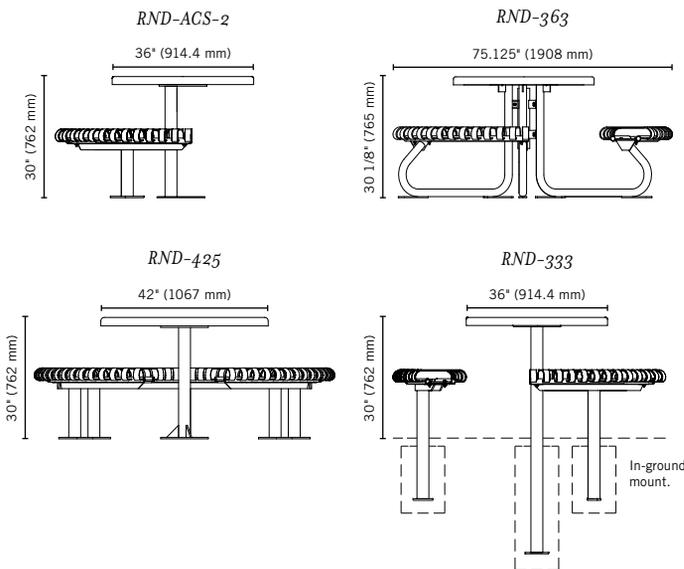
SPCT-30 café table. Surface mount. PRSCC-8 café chairs. Oklahoma City, Oklahoma, USA.



SPCT-30 café table.  
NRS-19 seats. Surface mount.  
Custom color.



RPCT-36. Optional  
perforated tabletop—round  
and slot patterns.



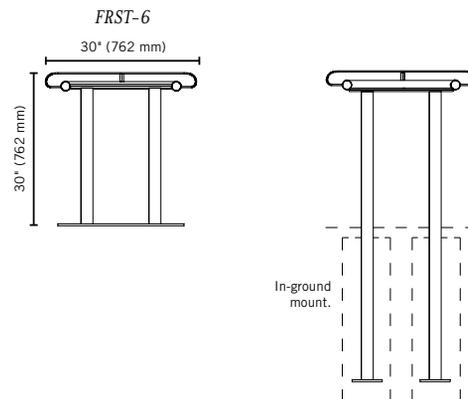
For umbrella options on center-post tables, tables must be factory-ordered with umbrella holes pre-drilled in table top. Specify umbrella hole requirement when ordering.



FRST-6 table. FRB-6 benches. Surface mount. London, England.

## SCROLLED STEEL TABLES & SEATING

Scrolled steel allows a variety of seating arrangements to permanently occupy your site while preserving an environment that is well defined & low maintenance. The scrolled steel additionally provides a natural skate deterrent.



**FRST-6 TABLE**

6 or 8 ft (1.8 or 2.4 m) length. Steel scrolls.

OPTIONS: Surface mount. In-ground mount.

SEATING OPTIONS (SOLD SEPARATELY): FRB-6 backless scrolled bench in 4, 6 or 8 ft (1.2, 1.8 or 2.4 m) length. Specify surface or in-ground mount.

♿ ADA Compliance: Pair 6 ft (1.8 m) benches with 8 ft (2.4 m) table or 4 ft (1.2 m) benches with 6 ft (1.8 m) table to allow for wheelchair access.

**IPR-36 INDEPENDENT-POST TABLE** 36 in (914 mm).

**IPR-48 INDEPENDENT-POST TABLE** 48 in (1219 mm).

Square tabletop. Steel scrolls. In-ground mount.

OPTION: Surface mount.

SEATING OPTIONS (SOLD SEPARATELY): NRS Scrolled Seat, FRS Backless Scrolled Seat 19, 24, 30, 36 or 42 in (483, 610, 762, 914 or 1067 mm). Specify surface or in-ground mount.

**CRPR-2 CENTER-POST TABLE WITH 2 INTEGRAL SEATS**

**CRPR-3 CENTER-POST TABLE WITH 3 INTEGRAL SEATS**

**CRPR-4 CENTER-POST TABLE WITH 4 INTEGRAL SEATS**

3 or 4 ft (0.9 or 1.2 m) square tabletop. Backless seats. Steel scrolls. In-ground mount.

OPTION: Surface mount.



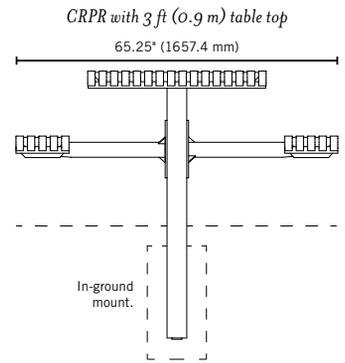
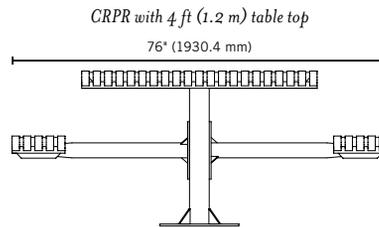
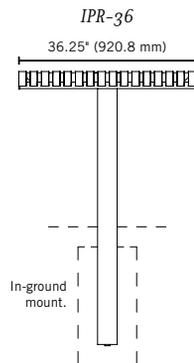
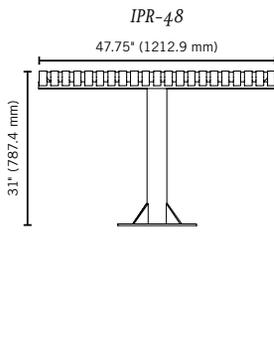
IPR-48. NRS and backless FRS seating. Optional surface mount. Pueblo, Colorado, USA.



CRPR-4. Huntsville, Texas, USA.



CRPR-3





*Bistro tables. Patented. Umbrella not included. Bistro seats with backs. Bar height. In-ground mount.*

## **BISTRO TABLES + SEATS**

A modern take on the traditional small group table and seats, requiring minimal space while maximizing utility. Available in two heights and diameters with solid or perforated tabletops, you can dress them up in a funky color or color-match them to blend with the surroundings in your site.

**BISTRO TABLES**

US Patent D724,872 S. Round narrow-profile perforated tabletop. Standard height 30 in (762 mm) or bar height 42 in (1067 mm). Umbrella ready mount. Footrests standard on bar height.

Model BIST-30R: 30 in (762 mm) round tabletop.

Model BIST-36R: 36 in (914 mm) round tabletop.

OPTIONS: Surface mount. In-ground mount. Solid steel tabletop (without perforation). Umbrella mount removed. Footrests removed.



*Bistro tables. Patented.  
Backless Bistro seats.  
Standard height. Surface mount.*

**BISTRO SEATS**

16 in (406 mm) round, perforated steel seat. Standard height 17 in (432 mm) or bar height 29 in (737 mm). Footrests standard on bar height.

Model FBS-16R: backless.

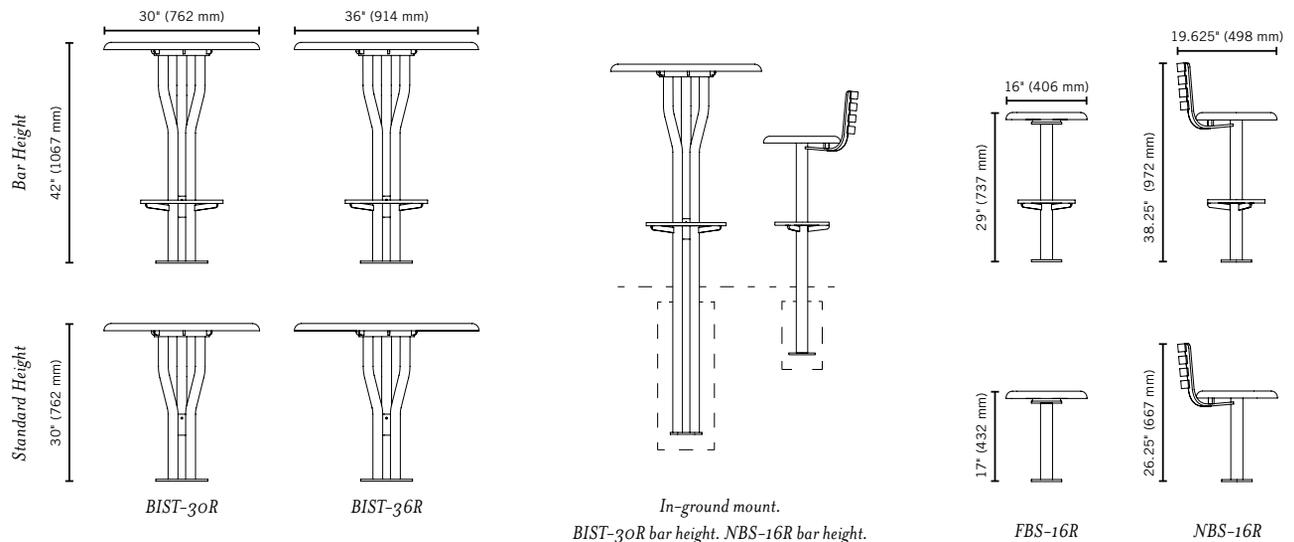
Model NBS-16R: solid steel bar backrest.

OPTIONS: Surface mount. In-ground mount. Solid round seat (without perforation). Footrests removed.



*Bistro table. Bar height. In-ground mount. Umbrella mount removed. Footrests removed. Patented.*

*Bistro seats with backs. Bar and standard height. In-ground mount.*



# PRODUCTION COLLECTION



PRSS-124 and PRS-36. Georgetown, Texas, USA.

This versatile seating provides comfort and aesthetic appeal. Steel rod seating offers many touch points, enhancing the overall comfort of the bench. The space between the rods increases bench transparency, allowing sight of the installation behind the bench.

## PRS-12 STAND-ALONE ASH URN

16-gauge solid stainless-steel ashtray with 2 in (51 mm) depth and 10 in (254 mm) diameter. Black plastic liner. Leveling feet.

OPTION: Covered ashtray.

## PRS-18 PLANTER 18 gal (68 L).

Lid not included. Black plastic liner. Four leveling feet.

OPTION: Wide-mouth formed lid.

## PRS-24 LITTER RECEPTACLE 24 gal (90 L).

## PRS-36 LITTER RECEPTACLE 36 gal (136 L).

## PRS-45 LITTER RECEPTACLE 45 gal (170 L).

Standard tapered formed lid. Black plastic liner. Leveling feet.

OPTIONS: Dome lid (ashtrays available). Convex lid (self-close door available). Rain bonnet lid (ashtrays available). Spherical dome lid for PRS-36, PRS-45. Recycle lids (pages 125, 130). Half-Moon liners for PRS-36, PRS-45. Galvanized steel liner for PRS-24, PRS-36 (powder coat available). Custom decals and plaques.

## RTC-40 LITTER RECEPTACLE 36 gal (136 L).

Vertical solid steel rods. Standard tapered formed lid. Black plastic liner. Leveling feet.

OPTIONS: Dome lid (ashtrays available). Convex lid (self-close door available). Rain bonnet lid (ashtrays available). Spherical dome lid. Recycle lids (pages 125, 130). Half-Moon liners.

## SDRTC-40 SIDE-DOOR LITTER RECEPTACLE 36 gal (136 L).

US Patent D601,770 S. Vertical solid steel rods. Standard tapered formed lid. Black plastic liner. Latch. Leveling feet.

OPTIONS: Relay sensor available for select lids. Dome lid (ashtrays available). Convex lid (self-close door available). Rain bonnet lid (ashtrays available). Spherical dome lid. Recycle lids (pages 125, 130). Half-Moon liners.



RTC-40



SDRTC-40. Patented.

**PRS-10 BENCH**

**PRSNA-10 ARMLESS BENCH**

4, 6 or 8 ft (1.2, 1.8 or 2.4 m) length. Surface mount tabs.

OPTIONS: Wood slats. Recycled plastic slats for 4 and 6 ft (1.2 and 1.8 m) lengths.

Intermediate armrests (bolt-on) for PRS-10.



PRSNA-127

**PRS-112 BACKLESS BENCH**

4, 6 or 8 ft (1.2, 1.8 or 2.4 m) length. 8 ft (2.4 m) length standard with full center leg/arm. Steel scrolls. Surface mount tabs.

OPTION: Intermediate armrests (bolt-on).

**PRS-127 BENCH**

**PRSNA-127 ARMLESS BENCH**

4, 6 or 8 ft (1.2, 1.8 or 2.4 m) length. Vertical steel scrolls. Surface mount tabs.

OPTION: Intermediate armrests (bolt-on) for PRS-127.



PRS-10.  
Recycled plastic slats.

**PRSS-124 BENCH**

**PRSS-120 BACKLESS BENCH** (not shown)

4 or 6 ft (1.2 or 1.8 m) length. Horizontal solid steel rods. Surface mount tabs.

OPTION: Intermediate armrests.



PRSNA-10.  
Wood slats.\*

PRS benches are shipped partially unassembled with standard arm frames and seat sections.



PRS-18

PRS-12

PRS-24



PRS-127



PRS-112

\*Natural wood colors will vary. Weathering may occur on site which will alter the color of the wood over time.

## CONTINUOUS SEATING

Used individually, these benches accent architectural curves. Combined to form one continuous bench, they flow with the unique contours of your site.



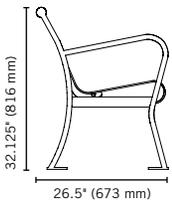
PRSO-327

PRSI-227

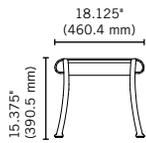


### CONTINUOUS CURVES

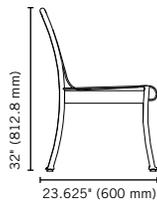
Continuous seating includes factory welded adjoining center leg.  
Continuous sections must be specified at time of order.



PRSI-227, PRSO-327



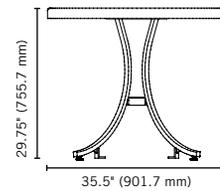
PRSCO-8



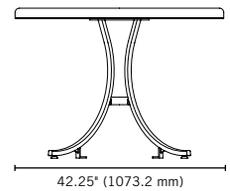
PRSCA-8



PRSCC-8



PRSCT-36R



PRSCT-42R

The refined look of our café table and stylish curves of our café chairs create a functional and enjoyable set. Their weight and durability ensure years of comfort and aesthetic appeal.

**PRSI-227 CURVED INSIDE-FACING BENCH**  
**PRSO-327 CURVED OUTSIDE-FACING BENCH**

6 ft (1.8 m) length. Approximate 22.5 degrees, 160 in. (4064 mm) inside radius. Vertical steel scrolls. Surface mount tabs.  
 OPTIONS: Intermediate armrests (bolt-on). Continuous sections with adjoining center leg.

**PRSCA-8 CAFÉ CHAIR ARMLESS**  
**PRSCC-8 CAFÉ CHAIR WITH ARMS**  
**PRSCO-8 OTTOMAN**

23 in (584 mm) width. Factory attached glides.

**PRSCT-36R CAFÉ TABLE** 36 in (914 mm).  
**PRSCT-42R CAFÉ TABLE** 42 in (1067 mm).

Round tabletop. Surface mount tabs with removable adjustable glides.  
 OPTIONS: Umbrella hole. Gameboard. Perforated tabletop – round or slot pattern.



PRSCO-8



PRSCC-8



PRSCA-8 chairs. PRSCT-42R tables. Optional umbrella hole. Pueblo, Colorado, USA.

# FRAMERS MODERN™ COLLECTION



*FB-324. Optional intermediate armrest. Patented. Philadelphia, Pennsylvania, USA.\**

## **TIMELESS SEATING**

Contoured armrests, graceful castings, and matching tubular steel frames tie together the structure and the timeless aesthetics of our comfortable Framers Modern™ Collection benches. These benches offer graceful and timeless seating with simpler lines than castings found in our Classic Collection. World-renowned Victor Stanley durability and comfort with our 10-year warranty against breakage on genuine ductile-iron castings.

**FM-324 BENCH\*\***

4, 6, 8, 12 or 16 ft (1.2, 1.8, 2.4, 3.6 or 4.8 m) length. Center cast leg with armrest standard for 12 and 16 ft (3.6 and 4.8 m). Wood slats. Surface mount.

OPTIONS: Recycled plastic slats (see CM-324 page 100-101). Intermediate armrests (bolt-on). Skateboard guards, US Patent D647,729 S.

**FM-214 BACKLESS BENCH\*\***

4, 6 or 12 ft (1.2, 1.8 or 3.6 m) length. Center cast leg with armrest standard for 12 ft (3.6 m). Wood slats. Surface mount.

OPTIONS: Recycled plastic slats (see CM-214 page 101). Skateboard guards, US Patent D647,729 S.

**FB-324 FULLBACK BENCH\*\***

2, 4, 6, 8, 12 or 16 ft (0.6, 1.2, 1.8, 2.4, 3.6 or 4.8 m) length. Center cast leg with armrest standard for 12 and 16 ft (3.6 and 4.8 m).

Alternating 2 x 3 in (38 x 63 mm) and 2 x 4 in (38 x 89 mm) wood slats instead of a tubular assembly. Surface mount.

OPTION: Intermediate armrests (bolt-on).

**FB-214 BACKLESS BENCH\*\***

4, 6 or 12 ft (1.2, 1.8 or 3.6 m) length. Center cast leg with armrest standard for 12 ft (3.6 m). Wood slats. Surface mount.

*\*Natural wood colors will vary. Weathering may occur on site which will alter the color of the wood over time.*

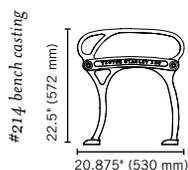
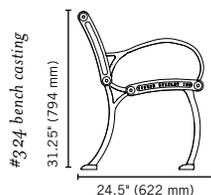
*\*\*One or more of the following apply: US Patent(s) D523,263 S; D526,805 S; D563,689 S; D579,685 S; D579,227 S; D585,220 S; D599,570 S.*



FM-324.  
Wood slats. Patented.\*



FM-214.  
Wood slats. Patented.\*





*FMBF-324. Patented.*



*FMBF-324. Patented.  
Annapolis, Maryland, USA.*



FMS-324. Length: 4 ft. National Harbor, Maryland, USA. Patented.

#### FMBF-324 BENCH\*

4, 6, 8, 12 or 16 ft (1.2, 1.8, 2.4, 3.6 or 4.8 m) length. Center cast leg with armrest standard for 12 and 16 ft (3.6 and 4.8 m). Horizontal steel slats. Surface mount.

OPTIONS: Intermediate armrests (bolt-on). Skateboard guards, US Patent D647,729 S.

#### FMBF-214 BACKLESS BENCH\*

4, 6 or 12 ft (1.2, 1.8 or 3.6 m) length. Center cast leg with armrest standard for 12 ft (3.6 m). Horizontal steel slats. Surface mount.

OPTION: Skateboard guards, US Patent D647,729 S.



FMBF-214. Patented.

#### FMS-324 BENCH\*

4, 6, 8, 12 or 16 ft (1.2, 1.8, 2.4, 3.6 or 4.8 m) length. Center cast leg with armrest standard for 12 and 16 ft (3.6 and 4.8 m). Horizontal steel rods. Surface mount.

OPTIONS: Intermediate armrests (bolt-on). Skateboard guards, US Patent D647,729 S.

#### FMS-214 BACKLESS BENCH\*

4, 6 or 12 ft (1.2, 1.8 or 3.6 m) length. Center cast leg with armrest standard for 12 ft (3.6 m). Horizontal steel rods. Surface mount.

OPTION: Skateboard guards, US Patent D647,729 S.



FMS-214. Patented.

\*One or more of the following apply: US Patent(s) D523,263 S; D532,620 S; D563,689 S; D579,685 S; D579,227 S; D585,220 S; D599,570 S.

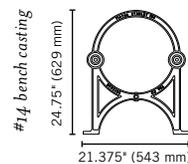
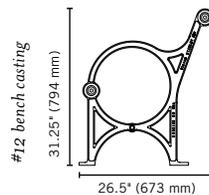
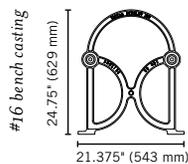
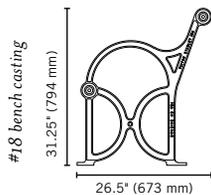
# CITY SITES™ COLLECTION

*Strongly symmetrical, curved castings that enhance the site and delight the eye.*



CR-18

Victor Stanley castings are **GENUINE DUCTILE-IRON** and carry our **10-YEAR WARRANTY** against breakage.





C-12. Washington, D.C., USA.\*



CBF-12. Boston, Massachusetts, USA.

**CR-18 BENCH**

**CR-14 BACKLESS BENCH**

4, 6 or 8 ft (1.2, 1.8 or 2.4 m) length. Steel scrolls. Surface mount.  
 OPTION: Intermediate armrests.

**C-12 BENCH**

4, 6 or 8 ft (1.2, 1.8 or 2.4 m) length. Surface mount.  
 OPTIONS: Wood slats. Recycled plastic slats for 4 and 6 ft (1.2 and 1.8 m) lengths. Intermediate armrests (bolt-on).

**CBF-12 BENCH**

4, 6 or 8 ft (1.2, 1.8 or 2.4 m) length. Horizontal steel slats. Surface mount.  
 OPTION: Intermediate armrests.

All City Sites™ castings are available with choice of wood slats, 2nd Site Systems® recycled slats, steel scrolls, horizontal steel slats and horizontal steel rods.



CR-14. Newport News, Virginia, USA.

*\*Natural wood colors will vary. Weathering may occur on site which will alter the color of the wood over time.*

# CLASSIC COLLECTION



*CR-138. Quarry Lake at Greenspring, Baltimore, MD. DMW Landscape Architects - DMW Photography.*

Classic Collection benches offer a variety of cast designs that enable you to create the classical impact you envision.

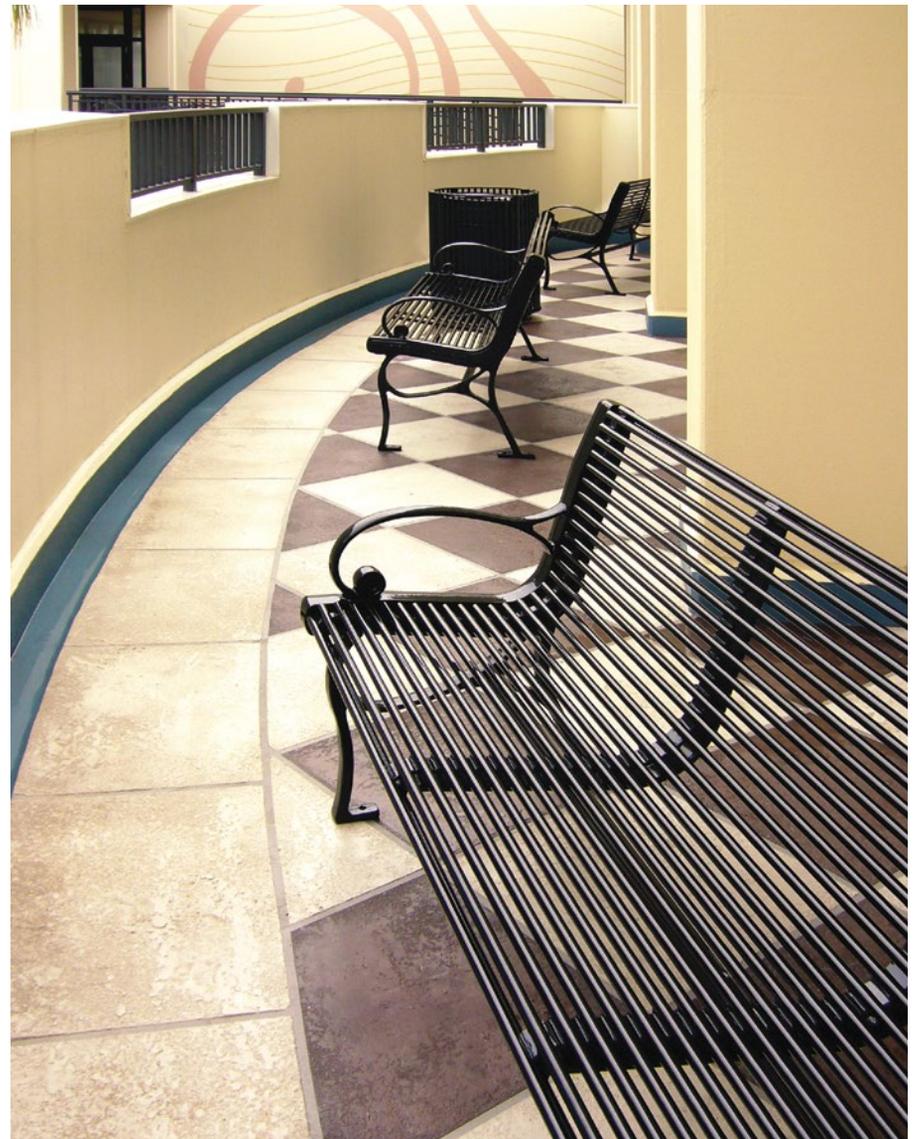
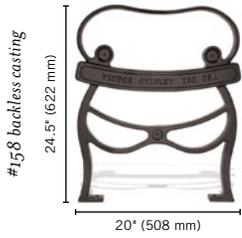
The unparalleled strength of our ductile-iron castings provides the quality and durability you expect from Victor Stanley. Castings carry our 10-year warranty against breakage.



*CBF-138. Optional intermediate armrest.*



C-138. 2nd Site Systems® slats.



**C-138 BENCH**

**C-158 BACKLESS BENCH**

4, 6 or 8 ft (1.2, 1.8 or 2.4 m) length.  
Surface mount.

OPTIONS: Wood slats. 2nd Site Systems® recycled plastic slats for 4 and 6 ft (1.2 and 1.8 m) lengths. Intermediate armrests (bolt-on).

**CBF-138 BENCH**

4 or 6 ft (1.2 or 1.8 m) length. Horizontal steel slats. Surface mount.

**CR-138 BENCH**

**CR-158 BACKLESS BENCH**

4 or 6 ft (1.2 or 1.8 m) length. Steel scrolls. Surface mount.

OPTION: Intermediate armrests (bolt-on).

**CS-138 BENCH**

**CS-158 BACKLESS BENCH**

4 or 6 ft (1.2 or 1.8 m) length. Horizontal steel rods. Surface mount.

CS-138. Nagashima, Japan.



CBF-10



CS-10

**C-9 TABLE**

4, 6 or 8 ft (1.2, 1.8 or 2.4 m) length. Nominal 2 x 4 (38 x 89 mm) slats. Surface mount.

OPTIONS: Wood slats. 2nd Site Systems® recycled plastic slats for 4 and 6 ft (1.2 and 1.8 m) lengths. Gameboard.

**C-10 BENCH**

**C-7 BACKLESS BENCH**

**C-5 BACKLESS BENCH**

4, 6 or 8 ft (1.2, 1.8 or 2.4 m) length. Nominal 2 x 3 (38 x 63 mm) slats. Surface mount.

OPTIONS: Wood slats. 2nd Site Systems® recycled plastic slats for 4 and 6 ft (1.2 and 1.8 m) lengths. Intermediate armrests (bolt-on).

**CR-10 BENCH**

4, 6 or 8 ft (1.2, 1.8 or 2.4 m) length. Vertical steel scrolls. Surface mount.

OPTION: Intermediate armrests (bolt-on).

**CR-7 BACKLESS BENCH**

**CR-5 BACKLESS BENCH**

Steel scroll seating available (not shown).

**CBF-10 BENCH**

4, 6 or 8 ft (1.2, 1.8 or 2.4 m) length. Horizontal steel slats. Surface mount.

OPTION: Intermediate armrests.

**CS-10 BENCH**

4 or 6 ft (1.2 or 1.8 m) length. Horizontal steel rods. Surface mount.



C-10. Wood slats.\*



C-9 and C-7. Wood slats.\*



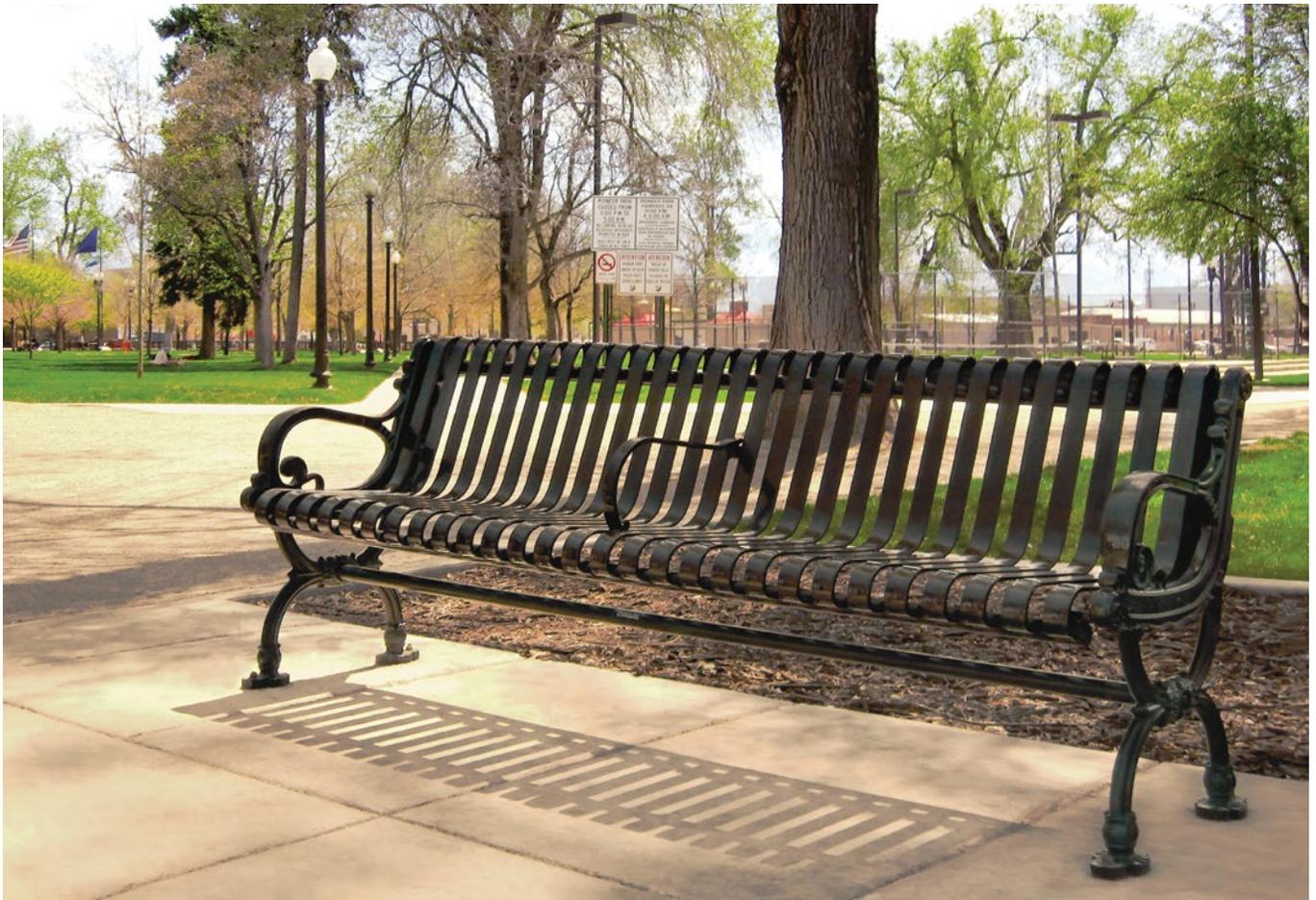
C-7. 2nd Site Systems® slats.

Made with corrosion-resistant hardware, our Classic wood benches have slats that are a full 1-1/2 in (38 mm) thick. You may also choose steel slats or our recycled plastic slats.

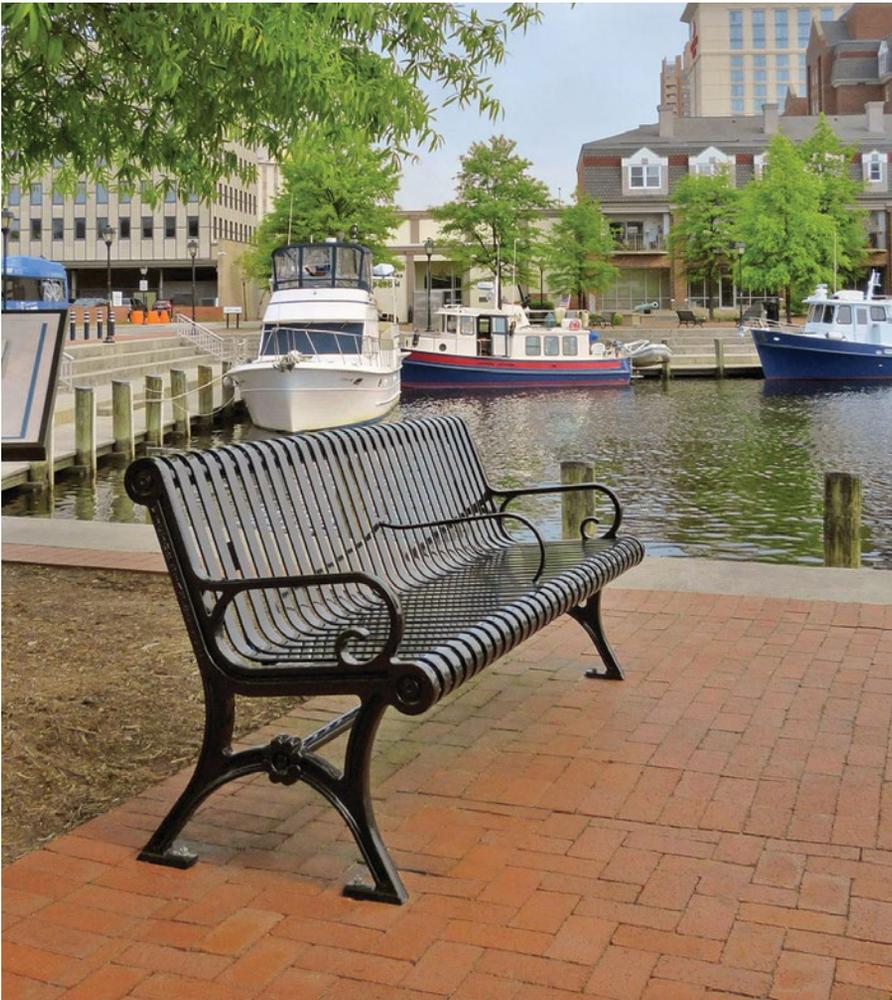
\*Natural wood colors will vary. Weathering may occur on site which will alter the color of the wood over time.



*Beautiful traditional patterns preserve and enhance historic and contemporary sites alike.*



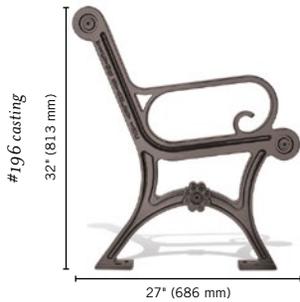
CR-10. Optional intermediate armrest. Salt Lake City, Utah, USA.



CR-196. Optional intermediate armrest. Portsmouth, Virginia, USA.



CR-296



**CR-196 BENCH**  
**CR-296 BACKLESS BENCH**

4, 6 or 8 ft (1.2, 1.8 or 2.4 m) length. Steel scrolls. Surface mount.

OPTION: Intermediate armrests.

**C-196 BENCH**  
**C-296 BACKLESS BENCH**

Wood or 2nd Site Systems® recycled plastic slats available (not shown).

**CBF-196 BENCH**  
 Horizontal steel slats available (not shown).

**CS-196 BENCH**  
**CS-296 BACKLESS BENCH**

4 or 6 ft (1.2 or 1.8 m) length. Horizontal steel rods. Surface mount.



CS-296



**C-96 BENCH**

4, 6 or 8 ft (1.2, 1.8 or 2.4 m) length.  
Surface mount.

OPTIONS: Wood slats. Recycled plastic slats for 4 and 6 ft (1.2 and 1.8 m) lengths.  
Intermediate armrests (bolt-on).

**C-298 BACKLESS BENCH**

4, 6 or 8 ft (1.2, 1.8 or 2.4 m) length.  
Surface mount.

OPTIONS: Wood slats. Recycled plastic slats for 4 and 6 ft (1.2 and 1.8 m) lengths.

**CR-96 BENCH**

4, 6 or 8 ft (1.2, 1.8 or 2.4 m) length.  
Steel scrolls. Surface mount.

OPTION: Intermediate armrests.

**CR-298 BACKLESS BENCH**

4, 6 or 8 ft (1.2, 1.8 or 2.4 m) length.  
Steel scrolls. Surface mount.

*#96 Casting also available with horizontal steel rod and horizontal steel slats.*



C-96. 2nd Site Systems® slats.

**C-140 BENCH**

**C-144 BACKLESS BENCH**

4, 6 or 8 ft (1.2, 1.8 or 2.4 m) length.  
Surface mount.

OPTIONS: Wood slats. 2nd Site Systems® recycled plastic slats for 4 and 6 ft (1.2 and 1.8 m) lengths.  
Intermediate armrests (bolt-on).

**CR-140 BENCH**

**CR-144 BACKLESS BENCH**

4 or 6 ft (1.2 or 1.8 m) length. Steel scrolls.  
Surface mount.

OPTION: Intermediate armrests (bolt-on).

**CS-140 BENCH**

**CS-144 BACKLESS BENCH**

4 or 6 ft (1.2 or 1.8 m) length. Horizontal steel rods.  
Surface mount.

**CBF-140 BENCH**

Horizontal steel slats available  
(not shown).

*\*Natural wood colors will vary. Weathering may occur on site which will alter the color of the wood over time.*



C-140\*



CR-140. Milwaukee, Wisconsin, USA.

# PROTONE™ COLLECTION

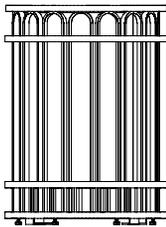
Structural design details contrast against a solid interior sleeve, creating a rich subtle effect through tone-on-tone colors, or a powerful statement through contrasting colors.



PSO-32. *Optional 2-color.*  
PSO models combine alternating circles & arches.

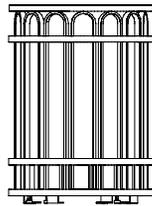


PSA-32. *PSA models feature steel arches.*



PSA-32

26.75 in (679 mm) w  
35 in (889 mm) h



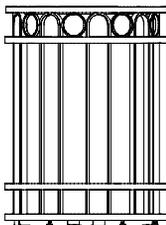
PSA-24

24 in (610 mm) w  
31 in (787 mm) h

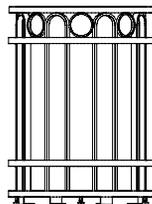


PSA-6

14 in (355.6 mm) w  
26.375 in (669.3 mm) h



PSO-32



PSO-24



PSO-6

Overall dimensions w=width h=height

- PSA-24 LITTER RECEPTACLE** 24 gal (90 L).
- PSA-32 LITTER RECEPTACLE** 36 gal (136 L).
- PSO-24 LITTER RECEPTACLE** 24 gal (90 L).
- PSO-32 LITTER RECEPTACLE** 36 gal (136 L).

Standard tapered formed lid. Black plastic liner. Interior sleeve. Leveling feet.

OPTIONS: Dome lid (ashtrays available). Convex lid (self-close door available). Rain bonnet lid (ashtrays available). Spherical dome lid for PSA-32, PSO-32. Recycle lids (pages 125, 130). Half-Moon liners for PSA-32, PSO-32. Galvanized steel liner (powder coat available). 2-color (interior sleeve a different color).

**PSA-6 STAND-ALONE ASH URN**  
**PSO-6 STAND-ALONE ASH URN**

Stainless-steel ashtray is 16-gauge solid stainless-steel with 2 in (51 mm) depth and 10 in (254 mm) diameter. Black plastic liner. Leveling feet. OPTION: Covered ashtray.

# GREENSITES COLLECTION | RECYCLED PLASTIC SLATS



*CM-140. Two benches placed back-to-back.*

GreenSites is a unique, highly flexible, cost-effective product line. Victor Stanley extrudes 100% of its recycled plastic slats in-house. The primary raw material for all such products is recycled HDPE resin. More than 90% of the material used in recycled plastic production is either post-consumer or post-industrial recycled plastic. There are non-recycled additives including UV inhibitors, pigments, and other agents used in the extrusion process; all of which comprise less than 10% of the total material.

Victor Stanley castings are  
**GENUINE DUCTILE-IRON**  
 and carry our **10-YEAR**  
**WARRANTY** against breakage.

- CM-138 BENCH**
- CM-158 BACKLESS BENCH**
- CM-140 BENCH**
- CM-144 BACKLESS BENCH**

4, 6 or 8 ft (1.2, 1.8 or 2.4 m) length. Recycled plastic slats. Surface mount.



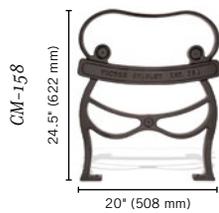
CM-138



CM-158



CM-144





*CM-324. 8 and 16 ft (2.4 and 4.8 m) lengths. Munster, Indiana, USA. Patented.*

An economical and more than 90% recycled alternative to wood slats. Most of these benches feature castings from our Classic, Framers Modern™, and City Sites™ Collections. Victor Stanley castings are genuine DUCTILE-IRON and carry our 10-year warranty against breakage. In this new configuration, the castings are complimented by horizontal steel elements that continue the metalwork color across the bench, protect against wear, and provide support.



*CM-324. 12 ft (3.6 m) length. Patented.*



CM-324. Patented.

**CM-14 BACKLESS BENCH**

**CM-16 BACKLESS BENCH**

4, 6 or 8 ft (1.2, 1.8 or 2.4 m) length. Recycled plastic slats. Surface mount.

OPTIONS: Skateboard guard, US Patent D647,729 S.

**CM-324 BENCH\***

4, 6, 8, 12 or 16 ft (1.2, 1.8, 2.4, 3.6 or 4.8 m) length. Center cast leg with armrest standard for 12 and 16 ft (3.6 and 4.8 m) lengths. Recycled plastic slats. Surface mount.

OPTIONS: Intermediate armrests (bolt-on). Skateboard guards, US Patent D647,729 S.

**CM-214 BACKLESS BENCH\***

4, 6 or 12 ft (1.2, 1.8 or 3.6 m) length. Center cast leg standard for 12 ft (3.6 m) CM-314. Center cast leg with armrest standard for 12 ft (3.6 m) CM-214. Surface mount.

OPTIONS: Skateboard guards, US Patent D647,729 S.

\*One or more of the following apply: US Patent(s) D523,263 S; D526,805 S; D563,689 S; D579,685 S; D579,227 S; D585,220 S; D599,570 S.



CM-14



CM-16



CM-214.  
Patented.



*CM-50. In-ground mount. Patented. Brookdale Community College, New Jersey, USA. Photo: Kevin Burkitt.*

This collection is a culmination of design development which makes Victor Stanley a leader in the world of recycling, energy efficiency, and respect for our environment. The same concerns which governed the development of GREENSITES are reflected in every Victor Stanley design, production technique, raw material, and every operating or facility decision.



CM-50. Custom legs and armrests. Patented. Forest Park Bandshell, New York, USA.

With molded-through color and UV resistance, our attractive and durable recycled slats shed water, resist rot, and are easily cleaned. Our recycled plastic slats resemble wood and come in maple, cherry, walnut or gray (see Wood | Recycled Slats, page 122).

**CM-50 BENCH\***

**CM-53 BACKLESS BENCH\***

4, 6 or 8 ft (1.2, 1.8 or 2.4 m) length. Recycled plastic slats.

OPTIONS: Surface mount. In-ground mount.  
Skateboard guards, US Patent D647,729 S.  
Personalized slat engraving.

\*One or more of the following apply: US Patent(s) D585,209 S;  
D595,973 S.



Optional skateboard guards. Patented.

CM-53. In-ground mount. Patented.



**SKATEBOARD GUARDS**

Our skateboard guards are available for a selection of both backed and backless benches, US Patent D647,729 S.



CM-4.  
In-ground mount.



RTH-24. Optional rain bonnet lid.



RTH-24. Optional convex lid with self-close door.



RTH-24



RTH-24. Optional dome lid.

**RTH-24 LITTER RECEPTACLE** 24 gal (90 L).  
**RTH-36 LITTER RECEPTACLE** 36 gal (136 L).

Recycled plastic slats. Standard tapered formed lid. Black plastic liner. Leveling feet.

OPTIONS: Dome lid (ashtrays available). Convex lid (self-close door available). Rain bonnet lid (ashtrays available). Spherical dome lid for RTH-36. Recycle lids (pages 125, 130). Half-Moon liners for RTH-36. Galvanized steel liner (powder coat available).

**CM-4 TABLE WITH 4 BENCHES INCLUDED****CM-3 TABLE WITH 3 BENCHES INCLUDED****CM-2 TABLE WITH 2 BENCHES INCLUDED**

3 or 4 ft (0.9 or 1.2 m) square tabletop. Recycled plastic slats.  
Backless benches.

OPTIONS: Surface mount. In-ground mount. Gameboard.  
Skateboard guards, US Patent D647,729 S.

**CM-3040 TABLE WITH 4 SEATS WITH BACKS INCLUDED****CM-3043 TABLE WITH 4 BACKLESS SEATS INCLUDED**

30 in (762 mm) round café tabletop. Recycled plastic slats.  
Surface-mount tabs.

OPTIONS: Perforated tabletop – round or slot pattern. Skateboard guards,  
US Patent D647,729 S. Gameboard. Hole and guide for umbrella pole.

**CM-56 TABLE WITH BENCHES INCLUDED****CM-565 TABLE WITH BENCHES INCLUDED**

6 or 8 ft (1.8 or 2.4 m) length table and two benches. Recycled plastic slats.  
Surface-mount tabs for CM-565. CM-56 is patented: US D581,173 S;  
D581,188 S; D578,783 S; Canada © 126321; 126320; 126319.

OPTIONS: Surface mount for CM-56. In-ground mount for CM-56.  
Skateboard guards, US Patent D647,729 S.

 ADA Compliance: Pair table in extended 8 ft (2.4 m) length  
with 6 ft (1.8 m) benches.



CM-3040. Optional hole  
and guide for umbrella pole.



CM-565



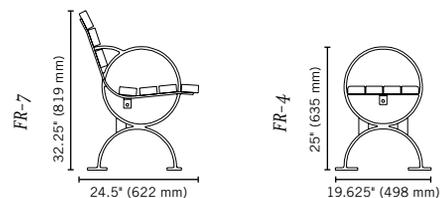
CM-56. Surface mount. Forney, Texas, USA. Patented.

# CONCOURSE COLLECTION



FR-4. Vancouver, British Columbia, Canada.\*

Bold circular detail with the strength and durability of solid steel. The high quality and distinctive design of Concourse benches, litter receptacles and ash urns bring a blend of curvature and strength to public spaces.





RS-12



FR-7\*

**FC-10 LITTER RECEPTACLE** 24 gal (90 L).

**FC-12 LITTER RECEPTACLE** 36 gal (136 L).

**RS-10 LITTER RECEPTACLE** 24 gal (90 L).

**RS-12 LITTER RECEPTACLE** 36 gal (136 L).

Standard tapered formed lid. Black plastic liner. Leveling feet.

OPTIONS: Dome lid (ashtrays available). Convex lid (self-close door available). Rain bonnet lid (ashtrays available). Spherical dome lid for FC-12, RS-12. Recycle lids (pages 125-130). Half-Moon liners for FC-12, RS-12. Galvanized steel liner (powder coat available).

**FC-6 STAND-ALONE ASH URN**

**RS-6 STAND-ALONE ASH URN** (not shown)

16-gauge solid stainless-steel ashtray with 2 in (51 mm) depth and 10 in (254 mm) diameter. Black plastic liner. Leveling feet.

OPTION: Covered ashtray.

**FR-7 BENCH**

**FR-4 BACKLESS BENCH**

4, 6 or 8 ft (1.2, 1.8 or 2.4 m) length. Nominal 2 x 4 (38 x 89 mm) slats. Surface mount.

OPTIONS: Wood slats. 2nd Site Systems® recycled plastic slats. Recycled slats for 8 ft (2.4 m) include center leg/arm. Intermediate armrests (bolt-on).

*\*Natural wood colors will vary. Weathering may occur on site which will alter the color of the wood over time.*



FC-10



FC-12



FC-6

# ANTHRO SITES™ COLLECTION



*A-364. Wood slats. Optional umbrella hole. Waltham, Massachusetts, USA. Patented.\**

Designed to best accommodate the way in which people use and approach a radial table with integrated seating. Our goal was to create a design that would maximize personal space and comfort while offering the greatest ease of ingress and egress. We accomplished this through the use of an innovative trapezoidal seat shape, naturally increasing seat clearance.



*N-426. Palm Springs, California, USA. Patented.*



A-365. Wood Slats. Patented.\*



A-426. Optional perforated tabletop. Patented.



A-H-363. Wood slats. Handicap accessible. Patented.\*

**FREESTANDING TABLE + ATTACHED SEATING\*\***

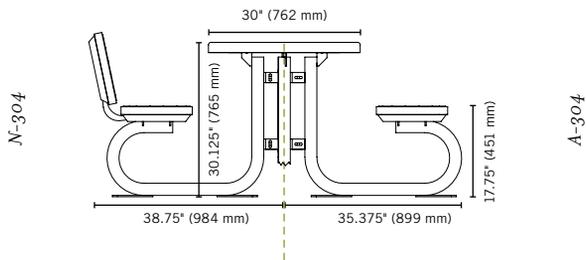
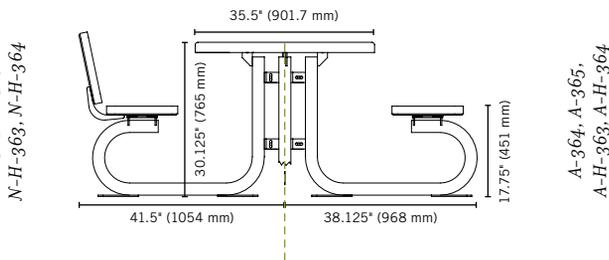
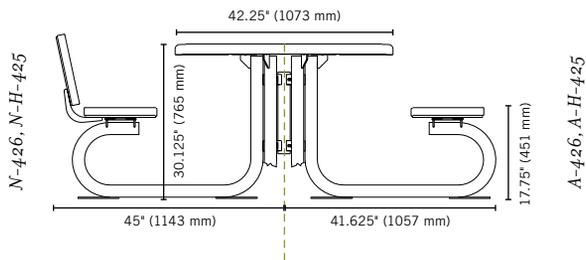
30, 36 or 42 in (762, 914 or 1067 mm) round steel tabletops. 3, 4, 5 or 6 seats with backs or backless. Surface mount tabs. Handicap accessible configurations available. OPTIONS: Wood slat seating. Recycled plastic slat seating. Horizontal steel slat seating. Hole and guide for umbrella pole. Perforated tabletop – round or slot pattern.



N-H-364. Recycled plastic slats.  
Handicap accessible. Patented.



N-364. Patented.



\*Natural wood colors will vary. Weathering may occur on site which will alter the color of the wood over time.

\*\*Covered by one or more of the following: US Patents D687,232 S, D690,976 S, D690,977 S, D690,978 S, D690,979 S, D694,563 S, D694,564 S, D696,884 S, D696,885 S, D697,350 S, D697,351 S, D697,352 S.



*A-I-424. Optional perforated tabletop. ADA compliant. Patented.*

Unexpectedly, we found in our sampling that the unique seat shape not only made it easier to enter and exit the seating area, but also created common spaces between the seats. By allowing people to more easily rotate, the design encourages conversation and face-to-face interaction. We built upon this by surrounding the slats with a fully welded steel skirt, providing a smooth surface for rotation and greater visual definition of the space.



*AI-19. Surface mount. Patented.*

**INDEPENDENT-POST TABLE + SEATS\*\***

 36 in (914 mm) round steel tabletop with 3 seats or 42 in (1067 mm) with 4 seats. Seats with backs or backless. ADA Compliant.

OPTIONS: Surface mount. In-ground mount. Wood slat seating. Recycled plastic slat seating. Horizontal steel slat seating. Hole and guide for umbrella pole. Perforated tabletop – round or slot pattern.

**INDIVIDUAL SEATS\*\***

19 in (483 mm).

Model AI-19: Backless seat.

Model NI-19: Seat with back.

OPTIONS: Surface mount. In-ground mount. Wood slats. Recycled plastic slats. Horizontal steel slats. May be used with Steelsites™ Café Tables.

**\*\*Covered by one or more of the following: US Patents D687,232 S, D690,976 S, D690,977 S, D690,978 S, D690,979 S, D694,563 S, D694,564 S, D696,884 S, D696,885 S, D697,350 S, D697,351 S, D697,352 S.**



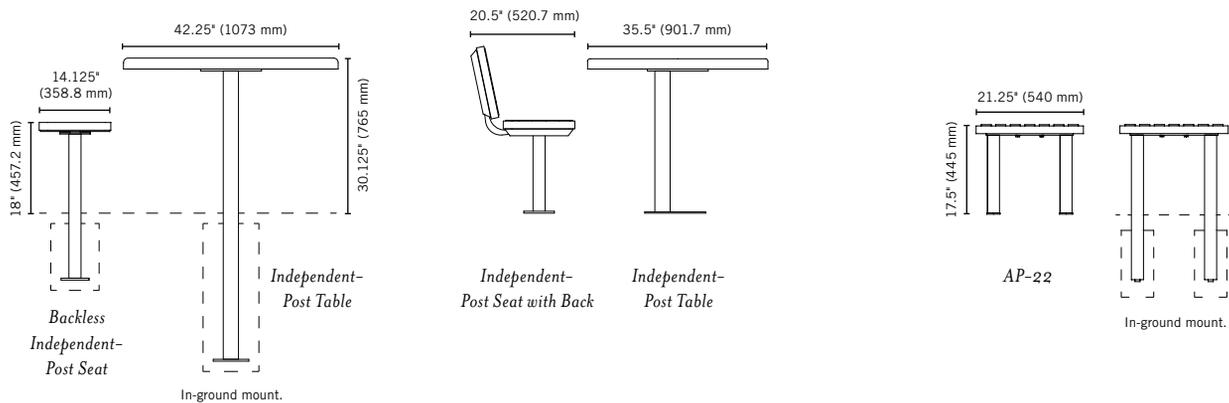
*An enormously versatile amenity,  
performing alone as a backless bench or easily arranged  
with other seating to function as a coffee table.*

**AP-22 MULTIPURPOSE TABLE & BENCH**

4, 6 or 8 ft (1.2, 1.8 or 2.4 m) length. Wood slats.  
8 ft (2.4 m) length includes center legs.

OPTIONS: Surface mount. In-ground mount.

*\*Natural wood colors will vary. Weathering may occur on site  
which will alter the color of the wood over time.*



# STREET SENTRY™ COLLECTION



*L-114. In-ground mount.*

*W-114. In-ground mount.*

*B-2001. 5 ft (1.5 m) with in-ground mount. 4 ft (1.2 m) with surface mount.  
3 ft (0.9 m) with in-ground mount. Patented.*

## STREET SENTRY™ BOLLARDS

Define pedestrian areas, unobtrusively preventing access by vehicles while allowing the movement of people, small delivery carts, wheelchairs, etc. Our bollards are an attractive, pragmatic addition to any project. They are available in a variety of heights, top treatments and indented band widths, with in-ground and surface mounting options. Reveals are machined recesses that accommodate decals and reflective graphics, expanding the utility of bollards in every setting.

**B-2001 BOLLARD**

US Patent D667,332 S. Tubular steel. 2.375 in (60 mm) OD. 3, 4 or 5 ft (0.9, 1.2 or 1.5 m) height.

OPTIONS: Surface mount. In-ground mount.

**LENS BOLLARD\***

3, 4 or 5 ft (0.9, 1.2 or 1.5 m) heights. Tubular steel. Surface mount. Standard decal package for reveals.

L-89: 3.5 in (89 mm) diameter.

L-489: 3.5 in (89 mm) diameter. 4 in (102 mm) reveal.

L-289: 3.5 in (89 mm) diameter. Two 1.125 in (29 mm) reveals.

L-114: 4.5 in (114 mm) diameter.

L-414: 4.5 in (114 mm) diameter. 4 in (102 mm) reveal.

L-214: 4.5 in (114 mm) diameter. Two 1.125 in (29 mm) reveals.

OPTIONS: Satin stainless-steel finish (call for availability). In-ground mount, except 5 ft (1.5 m) height.

**WEDGE BOLLARD\***

3, 4 or 5 ft (0.9, 1.2 or 1.5 m) heights. Tubular steel. Surface mount. Standard decal package for reveals.

W-89: 3.5 in (89 mm) diameter.

W-489: 3.5 in (89 mm) diameter. 4 in (102 mm) reveal.

W-289: 3.5 in (89 mm) diameter. Two 1.125 in (29 mm) reveals.

W-114: 4.5 in (114 mm) diameter.

W-414: 4.5 in (114 mm) diameter. 4 in (102 mm) reveal.

W-214: 4.5 in (114 mm) diameter. Two 1.125 in (29 mm) reveals.

OPTIONS: Satin stainless-steel finish (call for availability). In-ground mount, except 5 ft (1.5 m) height.

\*Stainless-steel finished bollards are imported. Unfinished Street Sentry™ lens and wedge bollards are imported, finishing is done at our Maryland facilities. See product specifications for further details.



W-414

W-214



L-489

L-289

W-489

W-289



L-414

L-214



L-89 and W-89.  
3 ft (0.9 m) with surface mount.

**CUSTOM REVEAL DECALS**

Standard and custom decals are available for bollards. Ideal for advertising, pedestrian crossing markers, handicap accessibility markers, or other traffic control signage. Laminated for UV protection and graffiti resistance of your custom graphics.



**REFLECTIVE DECALS**

Exclusively for Street Sentry™ bollards with reveals, we offer white, reflective decals. Our reflective material has a typical coefficient of retro reflection of 100 candelas. Custom graphics can be digitally printed onto the decals.



# PARSONS COLLECTION



*PT-2, London, England.\**

## **CLEAN GEOMETRY AND STRENGTH**

Timeless design for the rigors required of public furniture.



P-8\*



BK-2



P-4\*

Three inch (76 mm) steel tubing is mitered, welded, and polished to form strong arm/leg frames.

**PT-2 PORTABLE TABLE WITH BENCHES**  
 6 ft (1.8 m) length tabletop and benches. Nominal 2 x 4 (38 x 89 mm) wood slats.  
 OPTIONS: Surface mount tabs. 1-ft (304.8 mm) extension on each end of table. Gameboard. Umbrella mount.

**BK-2 BIKE RACK**  
 Tubular steel.  
 OPTIONS: Surface mount. In-ground mount.

**P-8 BENCH**  
**P-4 BACKLESS BENCH**  
 4 or 6 ft (1.2 or 1.8 m) length. Nominal 2 x 4 (38 x 89 mm) wood slats.  
 OPTION: Surface mount. In-ground mount. Intermediate armrests (bolt-on) for P-8.

\*Natural wood colors will vary. Weathering may occur on site which will alter the color of the wood over time.

# HOMESTEAD COLLECTION

## CLEAN, SIMPLE LINES AND STURDY CONSTRUCTION

A broad collection of benches and a complete choice of tables. Homestead products feature sturdy construction, all-welded steel frames, carefully chosen and finished wood slats in several thicknesses, and choice of mounting options.



*Model 8. Wood slats.  
In-ground mount.\**



*Model 2. Optional armrests.\**



*Model 2\**



*Model 4\**



Model 8. 2nd Site Systems® recycled plastic slats. Gull-wing mount.

**MODEL 2 BENCH**

4, 6 or 8 ft (1.2, 1.8 or 2.4 m) length. Six nominal 2 x 4 (38 x 89 mm) slats.  
 OPTIONS: Wood slats. 2nd Site Systems® recycled plastic slats. Recycled slats for 8 ft (2.4 m) lengths include center leg. Surface mount. In-ground mount. Gull-wing mount. Wall-mount for 6 ft (1.8 m) lengths. Back-to-back mount. Steel armrests with wood trim (bolt-on).

**MODEL 4 BACKLESS BENCH**

4, 6 or 8 ft (1.2, 1.8 or 2.4 m) length. Four nominal 2 x 4 (38 x 89 mm) slats.  
 OPTIONS: Wood slats. 2nd Site Systems® recycled plastic slats for 4 and 6 ft (1.2 and 1.8 m) lengths. Surface mount. In-ground mount. Gull-wing mount. Wall-mount for 6 ft (1.8 m) lengths.

**MODEL 8 CONTOURED BENCH**

4, 6 or 8 ft (1.2, 1.8 or 2.4 m) length. Eight nominal 2 x 4 (38 x 89 mm) slats.  
 OPTIONS: Wood slats. 2nd Site Systems® recycled plastic slats. Recycled slats for 8 ft (2.4 m) lengths include center leg. Surface mount. In-ground mount. Gull-wing mount. Wall-mount for 6 ft (1.8 m) lengths. Back-to-back mount. Steel armrests with wood trim (bolt-on).

**MODEL 32 CONTOURED BENCH**

4, 6 or 8 ft (1.2, 1.8 or 2.4 m) length. Thirteen nominal 2 x 3 (38 x 63 mm) slats.  
 OPTIONS: Wood slats. 2nd Site Systems® recycled plastic slats for 4 and 6 ft (1.2 and 1.8 m) lengths. Surface mount. In-ground mount. Gull-wing mount. Wall-mount for 6 ft (1.8 m) lengths. Back-to-back mount. Steel armrest with wood trim (bolt-on).



Model 32. Optional gull-wing mount.\*

\*Natural wood colors will vary. Weathering may occur on site which will alter the color of the wood over time.



## CENTER-POST TABLE COMPONENTS

3 in (76 mm) diameter tubular steel cross-arms welded to 3/8 x 4 in (10 x 102 mm) steel bars.

4 in (102 mm) square steel center post.

2-1/2 x 1-1/2 in (64 x 38 mm) tubular steel underseat supports welded directly to 3 in (76 mm) diameter cross-arms.

Heavy steel angle supports act as integral frame for entire tabletop and seat support. Entire steel tabletop frame is welded to assure rigidity.

CP-4. 2nd Site Systems® recycled plastic slats.



CP-4. Wood slats.\*



Center-Post Table Components. Optional surface mount.



IP-4.  
Wood slats.\*

**CP-2 CENTER-POST TABLE WITH 2 INTEGRAL SEATS**  
**CP-3 CENTER-POST TABLE WITH 3 INTEGRAL SEATS**  
**CP-4 CENTER-POST TABLE WITH 4 INTEGRAL SEATS**

**IP-2 INDEPENDENT-POST TABLE WITH 2 SEATS**  
**IP-3 INDEPENDENT-POST TABLE WITH 3 SEATS**  
**IP-4 INDEPENDENT-POST TABLE WITH 4 SEATS**

3 or 4 ft (0.9 or 1.2 m) square tabletop. Backless seats. Nominal 2 x 4 (38 x 89 mm) slats. In-ground mount.

OPTIONS: Wood slats. 2nd Site Systems® recycled plastic slats. Surface mount. Gameboard. Off-center umbrella mount.

**IP-36 INDEPENDENT-POST TABLE 36 in (914 mm)**

**IP-48 INDEPENDENT-POST TABLE 48 in (1219 mm)**

Square tabletop. Nominal 2 x 4 (38 x 89 mm) slats. In-ground mount.

OPTIONS: Wood slats. 2nd Site Systems® recycled plastic slats. Surface mount. Gameboard. Off-center umbrella mount.

SEATING OPTIONS (SOLD SEPARATELY): FB-324 Bench, 24 in (610 mm).\*\*

**ST-5 PORTABLE TABLE WITH BENCHES INCLUDED**

6 ft (1.8 m) tabletop and two benches. Nominal 2 x 4 (38 x 89 mm) slats.

Welded tubular steel frame. Surface mount tabs.

OPTIONS: Wood slats. 2nd Site Systems® recycled plastic slats. Gameboard.

**ST-6 TABLE WITH BENCHES INCLUDED**

6 ft (1.8 m) tabletop and two benches. Nominal 2 x 4 (38 x 89 mm) slats.

Welded tubular steel frame.

OPTIONS: Surface mount. In-ground mount. Wood slats. 2nd Site Systems® recycled plastic slats. Gameboard.



ST-5. Wood slats. Fort Belvoir, Virginia, USA.\*



ST-6. 2nd Site Systems® recycled plastic slats.



IP-36. Optional FB-324\*\* seating. Optional gameboard.  
Optional RAL color.\*



Optional gameboard.

\*Natural wood colors will vary. Weathering may occur on site which will alter the color of the wood over time.

\*\*US Patent D523,263 S; Canada © 110954.

# CYCLE SENTRY™ COLLECTION



*BRBS-102. Patented.*



*BRHS-101*



*BRBS-103*



*BRWS-103*



*BRQS-101*



*BRWS-161*



*BRCS-103*



*BRTS-101. Surface mount.  
Patented.*



*BRWS-101*



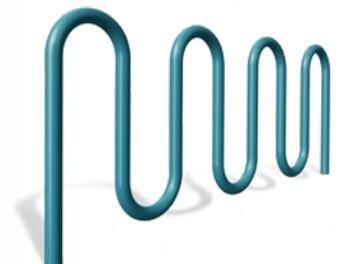
*BRCS-105*



*BRBS-302. Surface mount.*



*BRCS-109*



*BRCS-107*

**BK-4 BIKE RACK**

CAPACITY: 7 bikes. Tubular steel. 2.375 in (60 mm) OD. Eight 0.375 x 1.5 in (10 x 38 mm) steel bars. Surface mount.

**BRBS-102 BIKE RACK**

US Patent D644,549 S. Canada © 129582.  
CAPACITY: 2 bikes. Tubular steel. 3 in (76 mm) OD post flanked by two 0.375 x 1.5 in (10 x 38 mm) steel bars.  
OPTIONS: Surface mount. In-ground mount.

**BRBS-302 BIKE RACK**

CAPACITY: 3 bikes. Tubular steel. 3 in (76 mm) OD post flanked by three 0.375 x 1.5 in (10 x 38 mm) steel bars.  
OPTIONS: Surface mount. In-ground mount.

**BRBS-103 BIKE RACK**

CAPACITY: 2 bikes. Tubular steel. 3 in (76 mm) OD post flanked by a 1.3125 in (33 mm) ring.  
OPTIONS: Surface mount. In-ground mount.

**BRCS-103 BIKE RACK**

CAPACITY: 5 bikes. Tubular steel. 2.375 in (60 mm) OD.  
OPTIONS: Surface mount. In-ground mount.

**BRCS-105 BIKE RACK**

CAPACITY: 7 bikes. Tubular steel. 2.375 in (60 mm) OD.  
OPTIONS: Surface mount. In-ground mount.

**BRCS-107 BIKE RACK**

CAPACITY: 9 bikes. Tubular steel. 2.375 in (60 mm) OD.  
OPTIONS: Surface mount. In-ground mount.

**BRCS-109 BIKE RACK**

CAPACITY: 11 bikes. Tubular steel. 2.375 in (60 mm) OD.  
OPTIONS: Surface mount. In-ground mount.



BK-4

**BRHS-101 BIKE RACK**

CAPACITY: 2 bikes. Tubular steel. 2.375 in (60 mm) OD.  
OPTIONS: Surface mount. In-ground mount.

**BRNS-301 SIGN BOLLARD AND BIKE RACK**

US Patents D624,207 S; D622,873 S.  
CAPACITY: 2 bikes. Tubular steel. 2.375 in (60 mm) OD. 3 x 24.5 in (76 x 622 mm) central steel plaque.  
OPTIONS: Custom decals. Surface mount. In-ground mount.

**BRQS-101 BIKE RACK**

CAPACITY: 2 bikes. Tubular steel. 2.375 in (60 mm) OD.  
OPTIONS: Surface mount. In-ground mount.

**BRTS-101 BIKE RACK**

US Patent D658,551 S.  
CAPACITY: 2 bikes. Tubular steel. 2.375 in (60 mm) OD.  
OPTIONS: Surface mount. In-ground mount.

**BRWS-101 BIKE RACK**

CAPACITY: 2 bikes. Tubular steel. 2.375 in (60 mm) OD.  
OPTIONS: Satin stainless-steel finish. Surface mount. In-ground mount.

**BRWS-103 BIKE RACK**

CAPACITY: 5 bikes. Tubular steel. 2.375 in (60 mm) OD.  
OPTIONS: Surface mount. In-ground mount.

**BRWS-161 BIKE RACK**

CAPACITY: 2 bikes. Tubular steel. 2.375 in (60 mm) OD. 0.25 x 2 in (6 x 51 mm) cross bar.  
OPTIONS: Satin stainless-steel finish. Surface mount. In-ground mount.



BRNS-301. Optional decals.  
In-ground mount. Patented.



BRNS-301 - PERFECT FOR U-LOCKS



BRNS-301 with cable-lock.

# MATERIALS + OPTIONS

## WOOD | RECYCLED PLASTIC SLATS.\*

Natural wood colors will vary. Weathering may occur on site which will alter the color of the wood over time. Recycled plastic slats are extruded with a UV inhibitor.



*Recycled  
Maple*

*Recycled  
Cherry*

*Recycled  
Walnut*

*Recycled  
Gray*

*Ipe  
Wood*

## 10 STANDARD POWDER COAT COLORS, 2 OPTIONAL METALLICS.\*



*Black*

*White*

*Red*

*Tavern  
Square Green*

*Gray*

*Blue*

*Teal*

*Green*

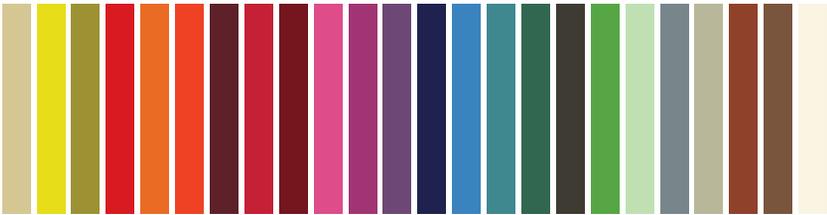
*Bronze*

*Burgundy*

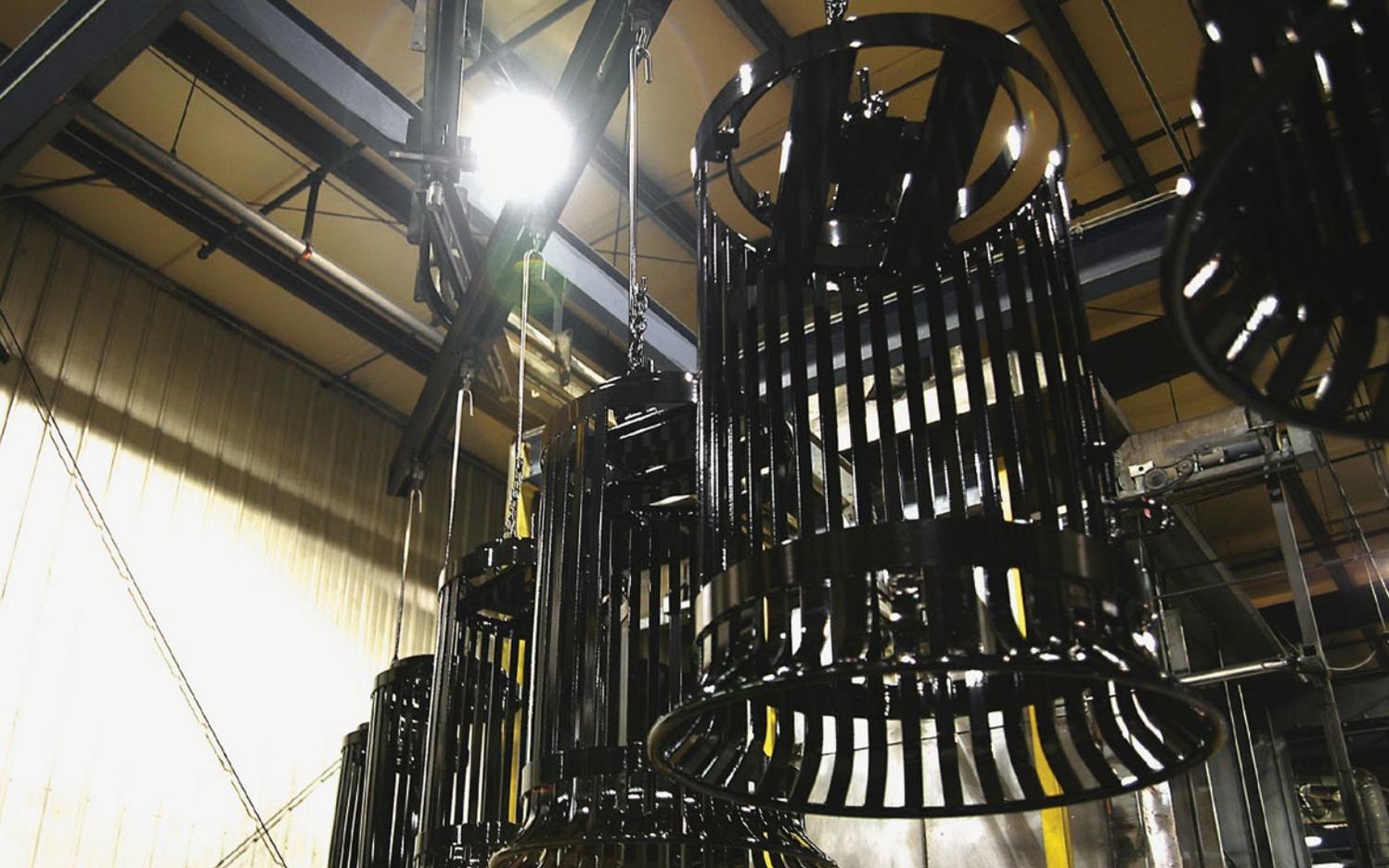
*Optional  
Titanium*

*Optional  
Silver*

Offered in a full range of over 200 RAL colors with available color matching. Additional cost may apply.



\*Printed and digital color representations vary, contact us for recycled samples, wood samples or color swatches.

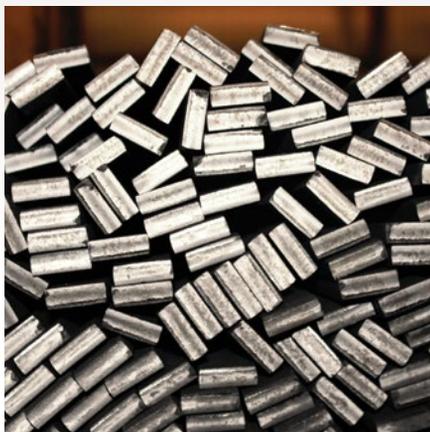


**RECYCLED PLASTIC SLATS**

We extrude our own recycled plastic in-house. Our unique 2nd Site Systems® material combines recycled plastic with a reinforcing bar to make it “plug-compatible” with the best wood slats available. With molded-through color and U-V resistance, our attractive and durable recycled slats shed water, resist rot, and are easily cleaned. Incredibly strong and comfortable, our benches made with 2nd Site Systems® slats resemble wood and come in maple, cherry, walnut, and gray. 2nd Site Systems® material is our creative solution to using recyclable resources and providing superb design choices. For more information see pages 136-137.

**WOOD**

Ipe is a light brown South American hardwood. Often thought of as South American teak, ipe is one of the strongest and hardest woods we have encountered. Weathering to a bright silver color, this remarkable wood resists rot and insect infestation. Products made with ipe are far less vulnerable to vandalism and are superb for withstanding the normal wear and tear that public site furnishings receive.



*98% Recycled steel.*

**RECYCLED STEEL**

100% of our steel bar material is from domestic (USA) electric furnace mills. At least 98% of the mills’ steel composition is obtained from recycled scrap metal. Steel is our single largest raw material purchase. This material alone fulfills many recycled-content requirements.

**POWDER COAT**

One of the key elements of the strength, longevity, and durability of Victor Stanley products is their extremely high-quality finish, applied in a complex process which we call Publicote™. All steel components are first put through steel shot blasting, subjected to thorough cleaning and surface preparation, a five stage chemical pre-treatment including non-chromic sealer, pre-heating in a high efficiency gas infra-red oven at 400 °F, followed by the application of TGIC powder-coating on all exposed surfaces and then a final cure cycle. This complex and thorough process results in a coating more than twice as thick as the industry standard. The entire process utilizes no toxic solvents, yields no particles of combustion, and represents our ongoing commitment to operating a modern, effective manufacturing process in a responsible and environmentally sound manner.

**CAST DUCTILE-IRON**

Castings feature our 10-year warranty against breakage. The always reliable strength of our ductile iron provides the quality you expect from Victor Stanley.

# MATERIALS + OPTIONS



Half-Moon liners.



Standard liners.



Ash urn liner.

## HIGH-STRENGTH PLASTIC LIDS

Our durable, easy to use, formed plastic lids (similar to automobile bumper components) are 75% recycled content, by weight. Tapered plastic lids are provided for our receptacles when receptacles are ordered in black, bronze, green or tavern square green.

## HIGH-DENSITY BLACK PLASTIC LINERS

Our standard full and new Half-Moon plastic receptacle liners are formed on custom molds designed for us. Reinforced, ribbed and molded for durability and ease of use. The primary raw material is recycled resin. Half-Moon liners make it easier and more cost effective than ever to separate different waste streams without sacrificing capacity or durability. Some other manufacturers opt to not include inner liners with their receptacles and others use sheet metal liners that are easily dented and frequently rust.

## GALVANIZED LINERS

We offer optional 20 and 30 gal (75 and 113 L) galvanized steel liners as an alternative, when required, to our standard black plastic liners. Galvanized liners offer handles and can have an optional powder coat finish.

## SKATEBOARD GUARDS

Our skateboard guards are available for a selection of both backed and backless benches, US Patent D647,729 S.

## CUSTOM SOLUTIONS

In addition to a vast offering, Victor Stanley welcomes the opportunity to work on custom projects.

## CAPACITY

We offer 24, 36 and 45 gal (90, 136 and 170 L) capacities for most of our receptacle designs.

## HOT-DIP GALVANIZING

Our TGIC powder-coating represents the highest level of quality. For projects exposed to corrosive environments (including but not limited to saltwater exposure or to sand where the wind creates a sandblasting effect), we offer hot dip galvanizing as an option for most products prior to powder coating. When applying powder coating over galvanized surfaces, special surface preparations must be made and resulting finished surfaces may be less smooth than standard finishes. Contact us for more information.

## RECYCLING STATIONS

Any Victor Stanley receptacle can be turned into a recycling unit through the use of custom or standard recycling decals (pages 128-133). Multiple unit receptacles such as our Sage Dual (page 18-19), Dynasty recycling stations (pages 54-55) or our Ironsites® recycling station (page 31) allow large-scale separated recycling in a single, heavy unit. For single-unit separated recycling, customers can specify Dual-flow lids and Half-Moon liners, both of which can be retrofitted onto existing receptacles after installation.





Keyed locking mechanism.



Side-door hinge installed.



Tapered Formed.



Convex (self-close door available).



Spherical Dome (self-close door available).



Rain Bonnet (ashtrays available).



Dome (ashtrays available).



Slotted.



Standard Recycle.



Dual-Flow.



Enclosed Dome (ashtrays available).

### SIDE-DOOR HINGES

Composed of embedded precision stainless-steel pivot pins and oil-impregnated bronze bushings for reliable all-weather durability year after year.

### ANCHOR BOLTS

Most of our receptacles require only one anchor bolt for quick and cost effective installation. We do not provide anchor bolts because soil and site conditions vary.

### LEVELING FEET

We include adjustable leveling feet at no additional cost to keep our receptacles level and off the ground. This prevents the bottom of each receptacle from scratching and allows for easier cleaning underneath the receptacle.

### LATCH OR KEYED LOCKING MECHANISM

Standard latch closure or optional patented keyed locking mechanism (US Patent 6,339,944 B1). Our keyed locking mechanism is a unique design with a custom key to prevent tampering and residential trash disposal.

### DOOR BUMPER

Unique shock absorbing rubber bumper designed to prolong the product's life span by dissipating the energy of repeated closings.

### PERFORATED TABLETOPS

Available for 24, 30, 36 and 42 in (610, 762, 914 and 1067 mm) round tables. Perforations in the steel help prevent excess rainwater from pooling and offer designers a timeless, patterned surface to complement their sites. Available in round or slot perforations.



Side-door hinge.

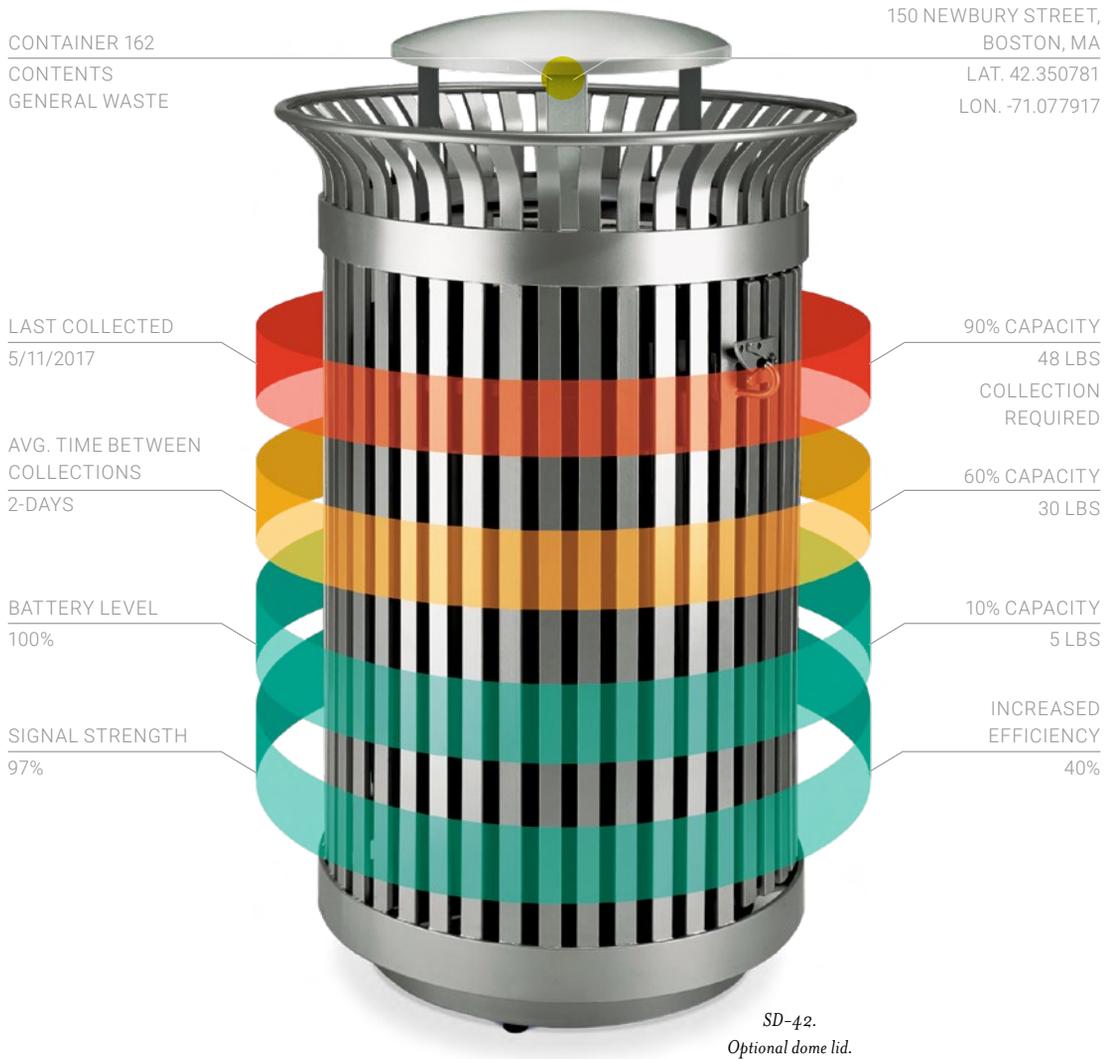


Standard ashtray.



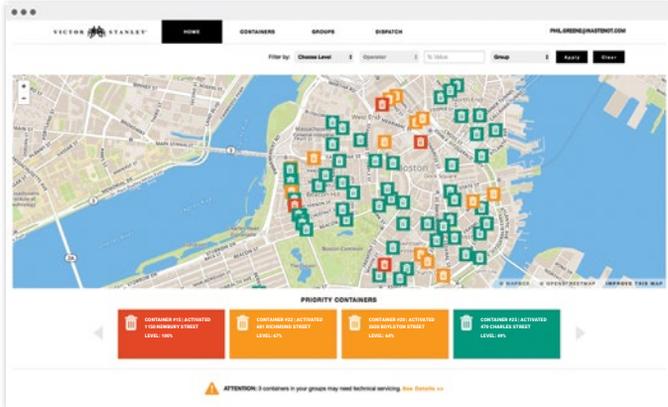
Optional covered ashtray.

**VICTOR STANLEY RELAY™**  
STREET LEVEL SENSING™ & WASTE CONTROL SERVICE



**AN ORDERLY REVOLUTION IN WASTE CONTROL**

Since 1962, we've been designing, manufacturing and refining receptacles for waste and recycling. Now, our Victor Stanley Relay™ Sensor and Service, which continuously monitors fill level, is boosting time and cost efficiencies for municipalities across the country. Relay also conveys system temperature, weight, location via GPS and collection status, in real-time and historically, allowing for planning, scheduling, and routing collections much more efficiently.



**STREET LEVEL SENSING™**

An all-in-one solution, Relay features fully integrated sensors within new and existing Victor Stanley litter receptacles and recycling stations, wireless communications, and a dedicated web portal for access to container conditions.

- Efficient resource allocation saves an estimated 70-90% in collection expenses
- Elimination of overfilling improves aesthetic appeal and community satisfaction
- Optimization of collection fleet reduces fuel waste, traffic congestion, and environmental impact
- Monitoring of containers provides holistic view of an area's trash and recycling status and improves landfill diversion rates



**VICTOR STANLEY RELAY™**

STREET LEVEL SENSING™ & WASTE CONTROL SERVICE

For more information see pages 6-15 or download a datasheet at [www.victorstanley.com/product/relay/](http://www.victorstanley.com/product/relay/)



SD-242. *Optional dome lids with Relay sensor.*



SDC-36. *Solid convex lid with Relay sensor.*



A-36. *Canopy lid with Relay sensor.*

*Relay is available with Victor Stanley side loading litter receptacle or recycling station dome, spherical dome, rain bonnet, enclosed dome, canopy, and solid convex lids.*



Sage: *US Patent D785,269 S.*

*All Sage litter receptacles and recycling stations come standard with Victor Stanley Relay™ Sensor built in with a trial period of the Relay Service.*

# DECALS + PLAQUES

## PROMOTE RECYCLING, ADVERTISE OR IDENTIFY SPECIAL INSTALLATIONS

Custom designed decals are available for the lids, plaques and top steel bands of our receptacles. We have a complete graphic arts department to help you with regard to the design and implementation of custom decals and plaques.



S-42 Ironsites® litter receptacle. Custom plaque decal. Las Vegas, Nevada, USA.

### ENCOURAGE CLEAN STREETS WITH COMMUNITY PRIDE

Many people are proud of the community, city, town or area in which they live or work. By providing a custom decal on your street furniture you can clearly identify your public space.

### SPONSORSHIPS/ADVERTISING

It is a growing trend for communities to work together and to form business groups, community associations or district management groups. One of the goals of such organizations is to beautify their geographic area and to make it more attractive for shoppers and residents. In so doing, many merchants and owners of properties may want to identify themselves as sponsors of the new street furniture. Victor Stanley has worked with many community organizations that have initiated these programs.

### CHOOSE FROM PLAQUE, BAND, AND LID PLACEMENTS

Our in-house graphic arts department has all of the talent, computer skills, and equipment to assist you in the creation of the finest quality identification of your street furniture through the use of custom decals and plaques. We have produced thousands of products with custom decals and plaques. We welcome the opportunity to work with you on your current and future projects.



SD-42 Ironsites® side-door litter receptacle. Custom band decal. New York, New York, USA.

**DECAL MATERIAL AND PROCESS**

Plaques are heavy 20-gauge galvanized steel sheets cut to the appropriate size. Plaques are then powder coated and secured to the products. Premium decals produced by our art department are then affixed.

**OVERLAMINATE PROTECTION**

We apply a clear laminate film over our decals. This film provides UV protection and graffiti resistance for your decals. Our decals have an expected normal service life of at least 5-7 years. Installations vary with climate, temperature, and abuse.

**THOUSANDS OF COLORS**

We have an incredible spectrum of colors available for your custom graphics.



FMBF-324.\* Custom bronze plaque.



**BRONZE PLAQUES**

Custom bronze plaques for our benches provide a display for messages, advertising or memorials. Engrave with your personal message on a choice of black, bronze or dark green backgrounds.

\*US Patents D523,263 S; D563,689 S; Canada © 110954.



SD-242. Custom plaque decal. Orlando, Florida, USA.

**DECALS FOR VICTOR STANLEY PRODUCTS TO ENCOURAGE RECYCLING.**

Recycling or custom designed decals are available for our receptacle lids, plaques or top bands.

**RECYCLING PROGRAMS FOR CITIES, EDUCATIONAL FACILITIES, PARKS.**

Our standard recycling lid features a smaller diameter hole to encourage the deposit of bottles and cans. Our standard slotted lid features a thin rectangular opening to encourage paper recycling and discourage the disposal of other wastes in that receptacle. Using modified Victor Stanley litter receptacles to encourage recycling provides a durable, quality addition to your recycling program. The use of our recycling receptacles allows your recycling program to blend seamlessly with other site furnishing requirements such as litter receptacles and benches.

**CHOOSE ONE OF OUR STANDARD LIDS, BANDS OR PLAQUES.**

Our standard decal designs identify your receptacles as recycling bins with universally recognizable signage. Our standard lid decals designate the types of recyclables accepted in your recycling program. They can be used to encourage sorting of glass, aluminum, plastic, and paper recyclables.

**CUSTOM DECALS OR PLAQUES TO FIT YOUR NEEDS.**

Although we recommend our standard plaques, lids, and decals for your recycling program, we can also address your custom recycling needs. Custom logos, colors, and verbiage can be incorporated into a custom decal to fit around the top circular band, side plaque or lid. Our graphic arts department can help you with regard to the design and implementation process.

*\*Decal placement and sizes will vary upon receptacle, contact customer service for details.*

**RECYCLE LID OPTIONS\***



*From left: Dual-flow lid, slotted lid, standard recycle lid with choice of standard recycle decals.*



Sage Dual. US Patent D783,919; other patents pending. (page 18-19)



SDC-36. RSDC-36, US Patents D671,289 S; D661,857 S. (page 58-59)



SD-242. Optional dome lids. (page 31)

SD-42. Optional Dual-flow lid. (pages 28-29)



S-42 Ironsites\*. Standard recycle lid & plaque.\*



SD-42 Ironsites\*. Optional white on clear band decal. Standard recycle lid.\*



SD-42 Ironsites\*. Standard recycle lid & band.\*



*SD-42. Custom oversized canopy dome lids. Custom plaque decals. Atlanta, Georgia, USA.*

### **PLAQUE, LID, AND BAND DECALS. CUSTOM DESIGNS BY IN-HOUSE ARTISTS**

Our design team will create custom designed decals for your receptacles. Submit logos or ideas and we will provide a decal layout for your approval.





DYN-SD-45\*



S-45



SD-42

\*Covered by one or more of the following: US Patents D573,766 S; D542,993 S; D606,271 S; other patents pending.

**PLAQUE DECALS**

Promote your logo or identify a special installation with a custom plaque. We will help you with regard to the design and implementation of custom plaques on our litter receptacles and benches. Custom plaques are made from heavy 20-gauge galvanized steel sheet cut to the appropriate size and powder coated. The specially prepared decal is then affixed to the plaque. The plaque is then attached to the product.

**TOP BAND DECALS**

A unique way to promote or identify a special area is with decals carefully installed on the top circular steel band of our litter receptacles. Top band placements provide a highly visible 360-degree display area for your logo or message.

**CUSTOM PLACEMENT**

The possibilities for decal usage are endless. We commonly satisfy requests for custom decal placements on a variety of our products. If you have an imaginative use for our decals, please talk with our customer service representatives who will be happy to assist in developing a solution to meet your requirements.



SD-42. Optional lids. Custom decals. Bethesda, Maryland, USA.

# MANUFACTURING



We have two modern factories in Maryland, USA with 200,000 sq/ft (18,500 sq/m) of manufacturing space that includes computer-driven welding robots, state-of-the-art powder coating systems, recycled plastic slat extrusion, and automated metal—and wood—working equipment.

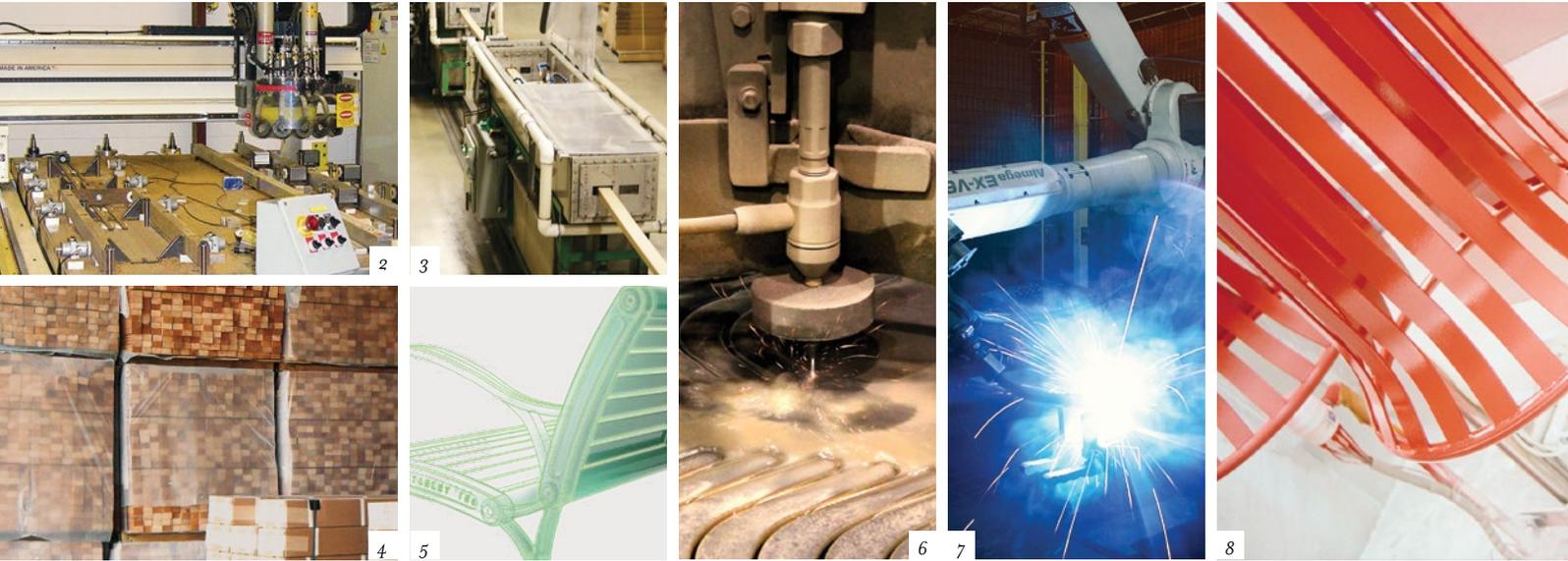
**4 POWDER COATING SYSTEMS:** Our self-contained powder coating lines were designed and built to meet the complex requirement of applying a highly durable monolithic coating over complex assemblies and fabrications. This process includes steel shotblasting, thorough cleaning and surface preparation, and a final coating of nontoxic sealer that makes the subsequent powder coating dramatically more effective. The entire cleaning and powder-coating process utilizes no toxic solvents. (Photo 8)

**14 WELDING ROBOTS:** To ensure the integrity and consistency of their welds, most joints are electrically welded on precision fixtures by state-of-the-art robots that incorporate artificial intelligence welding techniques. (Photos 7) Finished welded assemblies are then stacked and ready to be steel shotblasted, etched, phosphatized, preheated, and electrostatically powder coated. (Photo 1)

**WATERJET:** We have installed a complex waterjet cutting system which can, with the use of a highly concentrated stream of pure water and microscopic particles of stone, cut precisely through even the thickest steel plate to reproduce the pattern designated by a complex computer system. The result is a zero pollution process for precisely cutting steel parts formed to accuracies measured in ten thousandths of an inch quickly and burr free. This state-of-the-art system expands our flexibility in a manner consistent with our lifelong commitment to using the best technology to bring the best site amenities to market at the lowest cost, in the most environmentally responsible manner. (Photo 6)

## ENVIRONMENTAL COMMITMENT

Carefully integrated designs and innovative use of materials and technology are hallmarks of our long-term commitment to manufacturing durable, attractive, strong, and comfortable site furniture. Our facilities use energy efficient technologies throughout the entire fabrication process. Thousands of tons of recycled material are used by Victor Stanley each year to help conserve natural resources. Our commitment to be as energy efficient as possible has resulted in a huge investment in technology and equipment which reduces the impact of production requirements on energy suppliers.



**PIPE BENDER:** Victor Stanley’s state-of-the-art automated pipe and tube bender is an extremely complex machine that can rotate, move, and bend steel pipe and tubing along its 5-axis system, opening up new and intricate structural and design opportunities for our products, faster and with greater efficiency.

**RECYCLED PLASTIC EXTRUSION:** We extrude 100% of our recycled plastic slats. The primary raw material for all such products is recycled HDPE resin. We offer both standard recycled slats and our unique 2nd Site Systems® slats that combine recycled plastic with a reinforcing bar to make it “plug compatible” with our wood slats. (Photo 3)

**WOODWORKING:** We inventory a huge supply of Ipe to help guard against severe fluctuations in cost and availability. Our sophisticated, highly accurate, multi-axis, computerized woodworking systems precision machine our wood and recycled plastic parts. We have three modern computerized CNC machines. (Photos 2, 4)

**GENERATORS:** Our facilities have fully automatic large-scale backup generators. Each facility is capable of generating all of its own electricity indefinitely. The primary purpose of this enormous investment is to guarantee the ability to separate from the electric grid at times when the grid is strained providing power to the general community. As a result, we are capable of making no demand on power suppliers when their systems are operating beyond their most efficient levels. In addition to relieving the supply grid of these loads, the generators make it possible to continue operating during brownouts, blackouts, voltage fluctuations or storm-induced stress.

**3D CAD TECHNOLOGY:** Advanced 3D CAD technology employing modern Finite Element Analysis (FEA) techniques to analyze load and stress distribution is used to design and refine our products. Our 3D CAD technology also employs complex Computer-Aided Manufacturing (CAM) software to interface with our Computer Numerical Control (CNC) machines, and provides digital product specification drawings in SKP, DWG, DXF, and PDF file formats. (Photo 5)

# RECYCLED PLASTIC



*S-13 Ironsites® bench. Reinforced 2nd Site Systems® recycled slats.*

## **RECYCLED PLASTIC: HISTORY**

When we were first asked to include recycled slats in our product offering, we approached the decision from the point of view of our customers and the design community who specify products such as ours. We wanted to be able to offer recycled products that were “plug-compatible” with the very best wood species available.

In short, we wanted to be able to provide many of the same wood benches, tables, and receptacles that we had developed over the past years with slats made of recycled plastic materials. We were unable to find any available material which satisfied that simple design requirement.

The recycled plastic slats available at that time bowed, twisted, discolored, sagged, stretched and often resulted in products that were unacceptable. The conventional solution of adding extra supports, thickened slats, shorter spans, and other similar compromises left us unwilling to settle for the available recycled materials.

Our guiding principle required that we find or develop a material which met the same design criteria as the best wood slats, so that there need not be any change in the overall character of any site plan or the amenities used in public places.

In short, we wanted to create a product that made it possible to reconcile the legitimate purpose of using recycled material with the complex and varied design criteria governing modern public spaces.

## **2ND SITE SYSTEMS® REINFORCED RECYCLED PLASTIC: SUCCESS**

The result, after years of development work, prototypes, field testing, and trials of many alternate configurations is this product that has been awarded US and Canada patents.

There is more going on than the drawings suggest. Two radically dissimilar materials must occupy the same space, although they react to changes in temperature, stress, expansion, etc. very differently. Precision machining of fastenings and interfaces is accomplished using state-of-the-art CNC equipment. Allowance must be made for the shrinking and swelling of materials in dramatically different ways. There is a critical interface that exists between these two materials and we must provide for its integrity independent of the direction in which stress is applied or temperatures change. This is why the grooves are precision machined, instead of formed in the extruding process.

Best of all, 2nd Site Systems® as well as our Standard Recycled slats are both truly recycled. The major raw material for the plastic slats is post-consumer or post-industrial recycled plastic. All fabricated steel bar components are made of A-36 electric-furnace steel, the raw material for which is recycled scrap steel. This remarkable product fulfills both the concept and the spirit of creative recycling, using recyclable resources, and providing superb design options. The slats are durable and attractive, with molded-through color and UV-resistance. They shed water and resist rot. They are easily cleaned and highly stain resistant.

What began as a search for a material which could adequately substitute for wood slats has resulted in a material with characteristics that, in many ways, transcend the best that wood has to offer. This deceptively simple joining of two materials has resulted in design choices beyond the most optimistic goals which we set when this process began.



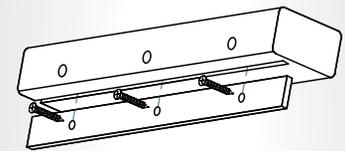
**RECYCLED & PROUD OF IT!**

Post-Consumer or Post-Industrial Recycled Plastic is the major raw material used to create our recycled slats. The plastic begins as processed recycled resin that is fed into our extruder to begin formation of the slat. Heat and pressure are then created in the extrusion process until the desired slat is formed.

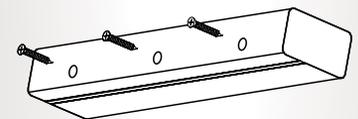


**OUR IN-HOUSE  
EXTRUSION PROCESS**

Careful formulation  
and automatic blending  
for precise results.



Each 2nd Site Systems® slat is precision-machined to receive a reinforcing spine and fasteners. Machined slots terminate before the ends of the slats, hiding the interface.



The reinforcing bar is inserted and fasteners are placed into precisely located, countersunk holes.

A world renowned collection of site amenities in an uncompromising choice of 4 colors.



Recycled  
Maple



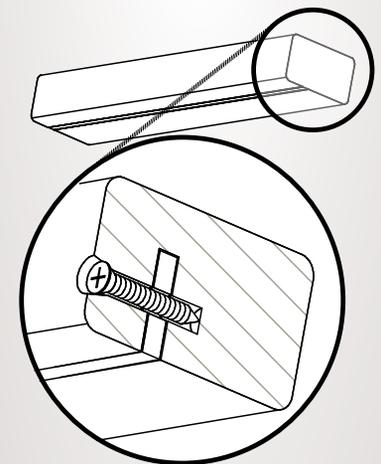
Recycled  
Cherry



Recycled  
Walnut



Recycled  
Gray



The holes are covered with filler material. The slats are installed in the same configuration as wood slats.

## MAKER OF PUBLIC FURNITURE IS SAVED BY THE BELL—THE POWDER BELL

*A company chooses a powder bell to apply thick powder coatings uniformly to preheated parts. The result is a smooth, durable finish that even a ball-peen hammer can't destroy.*

Victor Stanley, Dunkirk, Md., makes litter receptacles, benches, tree guards, and other site amenities for parks, outdoor malls, and similar public places. Some of the company's park benches sit on the US Capitol grounds, and its litter receptacles line Atlanta streets that lead to Olympic competition sites.

The architectural site amenities—also called public furniture—receive little or no maintenance after installation. They also must be mechanically strong. One litter receptacle, for instance, weighs 220 pounds and is held together with 180 overlapping welds. In addition to heavy-duty construction, the furniture requires a sturdy finish, one that withstands year-round exposure to the elements. The finish must also tolerate hard impacts from grounds-keeping equipment and the effects of exposure to fertilizer, road salt, and other damaging substances. At the same time, the coating must maintain its cosmetic appeal. "It's a difficult coating assignment," said Jerry Skalka, company vice president. "The finish on our products has to hold up almost as well as the finish on a \$30,000 family sedan without ever being washed or waxed."

### PREHEATING PARTS OVERPOWERS FARADAY CAGES

Because of the demands on the finish, Victor Stanley has relied on powder coatings to protect its products since 1971. In the beginning, powder application was fairly simple because the shape of the company's furniture was simple. As time passed, however, the products became heavier and their shapes more complex. Applying powder around the overlapping welds and inside the small gaps that surrounded them was especially difficult, Skalka said.

To overcome the Faraday cages that these areas created, the company experimented with heating parts before coating them. It worked: The hot

metal surface overcame the electrostatic effect in the Faraday cages and allowed powder to fill in around the welds. The hot surface also increased the powder film build. This was a plus because a thick, properly applied and cured powder film increased product longevity. Tests conducted by Victor Stanley's powder coatings supplier confirmed that fully preheating the parts (to about 400°F) and applying a thick coat offered better protection than previously.

*This was a plus because a thick, properly applied and cured powder film increased product longevity.*

### MOVING TOWARD A SYSTEM DESIGN

Pleased with the results of preheating, the company sketched out a plan for a powder coating system that included a preheat oven. A quick comparison of energy costs showed that heating the parts with a batch oven was less expensive than heating the parts with a continuous oven. That's because a batch oven can be turned on and off as needed. For Victor Stanley, this was an important feature because the company's production runs are uneven. The company might coat 2 parts at a time or 200 parts, with frequent color changes in between.

To link the preheat oven with the powder application enclosure and the cure oven, Victor Stanley decided to use a batching, or indexing, conveyor. An indexing conveyor moves loads of parts a fixed distance from one point to another, often with the help of a programmable logic controller. Once in position, the conveyor halts the load and awaits a PLC signal to move it forward again.

Because the powder coating system that Victor Stanley designed handles batches of furniture



in succession, the company calls it a continuous batch system. In addition to saving energy, continuous batching promised to simplify powder application: The conveyor could halt loads of parts in the powder enclosure and give the applicators more time with the parts. This would allow the applicators to inspect the coating thoroughly before the parts entered the cure oven, which would reduce rework. The next concern was how to apply powder to the hot surfaces.

### GUNNING FOR AN APPLICATION METHOD

Before it began its search for powder spray equipment, the company decided to keep manual applicators at a safe distance from the hot surfaces to prevent burns. The company didn't want applicators reaching into the recesses of



*Victor Stanley's coating system uses two ovens and twice the powder of most coating systems. Be that as it may, Jerry Skalka, company vice president, pointed out that the system wasn't designed to skimp on powder. It was designed to improve quality.*



*In addition to saving energy, continuous batching promised to simplify powder application: The conveyor could halt loads of parts in the powder enclosure and give the applicators more time with the parts. This would allow the applicators to inspect the coating thoroughly...*

400°F litter receptacles to coat them, even if the applicators used extension lances attached to the guns, Skalka said. Automatic powder application was the obvious answer, but finding equipment that applied a thick, uniform powder finish to hot, irregular surfaces was difficult.

The litter receptacles, especially the interiors, are some of the most difficult products to coat. Three and a half feet deep and 2 feet in diameter, they are hung upside down three or four to a load bar. In a test, the company inserted one or more spray guns into a litter receptacle from below and moved the guns up and down, similar to a reciprocator. Results were poor: 2 mils of powder landed in some areas, and 30 mils landed in others. Skalka said the poor results prompted some vendors to suggest that the company change its powder coating system design to better accommodate the performance of the spray guns. But Victor Stanley was confident that its powder coating system had merit if it could just find the right application equipment.

#### **SOUNDING OUT A POWDER BELL**

The company's confidence paid off. Acting on a tip from a vendor that supplies parts for powder application equipment, Victor Stanley decided to investigate a powder bell. Tests proved that a powder bell could uniformly coat the inside of the litter receptacles with 8 to 10 mils of powder. And with a transfer efficiency of 75 percent without reclaiming the powder overspray, the bell reduced the amount of wasted powder compared with spray guns. Limiting overspray is also important because drifting powder can land on adjacent parts, which causes the film build on the adjacent parts to grow too thick. This is especially important at Victor Stanley, Skalka said, because hot parts accumulate powder more quickly than room-temperature parts. If the film is too thick, the parts drip molten globs of powder and must be reworked.

The powder-bell tests, performed at the application equipment vendor's lab, also prompted the vendor to raise an important

question about Victor Stanley's powder coating process: How fast will the preheat oven operate? The question took the company by surprise. "We weren't initially interested in [the vendor's] ovens at all," Skalka said. The company already had a reliable oven supplier. However, when the vendor asked to test cure the furniture with its infrared thermoreactor oven, Victor Stanley agreed and was pleased by the results. The vendor's IR thermoreactor oven heated a 1,000-pound load of parts to 400°F in 6 to 7 minutes. That was more than twice as fast as a convection oven, and the temperature of the parts was just as uniform. The same thermoreactor IR oven could also cure the finish more quickly than a convection oven.

The performance of the powder bell and the IR thermoreactor ovens, coupled with the vendor's agreement to automate the equipment, convinced Victor Stanley that it had found the right equipment vendor, Skalka said. —PC

# WORLDWIDE INSTALLATIONS

## THOUSANDS OF INSTALLATIONS

We have proudly earned a worldwide reputation for the design and manufacture of high quality site furnishings. Many thousands of our product installations are found in more than twenty-five countries. The following pages illustrate selected VICTOR STANLEY product installations throughout the world.



PARKS



2



3



4

1. RS-12 litter receptacle, US Capitol Building, USA.
2. SDC-36 side-door receptacle, Ajaxparken, Norway.
3. FRST-6 table with FRB-6 backless benches, RB-28 benches, S-35 litter receptacles, Stockton Park, USA.
4. RMS-24 benches, Majorwood Cathedraltown Park, Canada.

USA BAHAMAS BELGIUM CAMBODIA CANADA DENMARK ENGLAND FINLAND  
 FRANCE HONG KONG IRELAND ITALY JAPAN MALTA MEXICO NETHERLANDS  
 NORWAY PORTUGAL QATAR SCOTLAND SINGAPORE SPAIN SWEDEN  
 SWITZERLAND TAIWAN TRINIDAD AND TOBAGO UNITED ARAB EMIRATES

## RETAIL



1



2



3

1. S-45 litter receptacle with optional dome lid, Waterfront Promenade outside Dubai Mall, United Arab Emirates.
2. FMBF-324 benches, A-36 side-door litter receptacles with optional ashtray, Annapolis Towne Centre at Parole, USA.
3. Freesia bike rack, Crosslands Shopping Center, USA.
4. PRS-127 benches, S-42 litter receptacles, S-20 ash urns, FDIC Building, USA.
5. RB-28 benches, NSDC-20 ash urns, United States Embassy, Cambodia.
6. FMS-324 benches, National Harbor, USA.

PLAZAS





1

**STREETSCAPES**



2



3

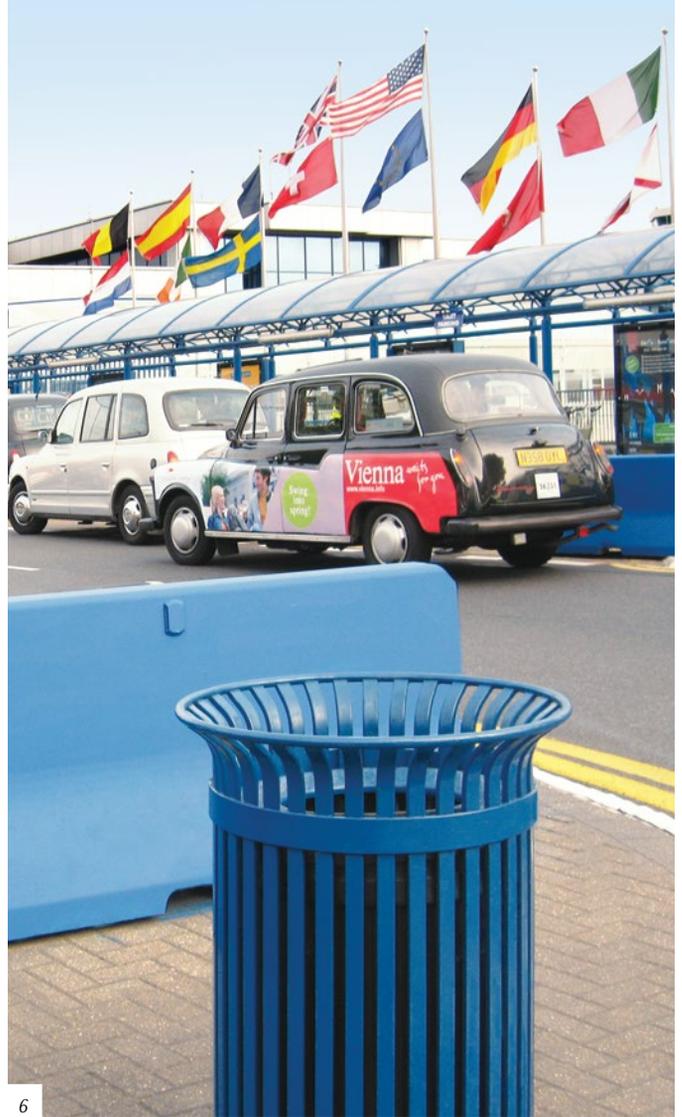


4

TRANSIT



5



6



7

1. DYN-SD-45 side-door litter receptacle, New York City, USA.
2. SDRTC-40 side-door litter receptacle, Dronning Eufemias Gate, Norway.
3. S-13 benches, Borough of Hillingdon, England.
4. NRB-6 bench, City of Lohja, Finland.
5. DYN-36 litter receptacle, Dallas Area Rapid Transit Stop, USA.
6. S-35 litter receptacle, London City Airport, England.
7. P-8 benches, Central Railway Station, Belgium.

EDUCATION



1



2



3

1. Sage litter receptacles with Victor Stanley Relay™ sensors, University of Central Florida, USA.
2. FRB-6 benches, European School, Belgium.
3. SD-242 recycling station with optional dome lid and plaque, Butler University, USA.
4. NRB continuous bench with optional armrests, Columbia Presbyterian Hospital, USA.
5. SD-42 side-door litter receptacle, Anne Arundel Medical Center, USA.
6. FR-7 benches, Vancouver General Hospital, Canada.
7. RB-28 benches, PRS-24 planters, St. Mary's Medical Center, USA.

MEDICAL



4



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6



7

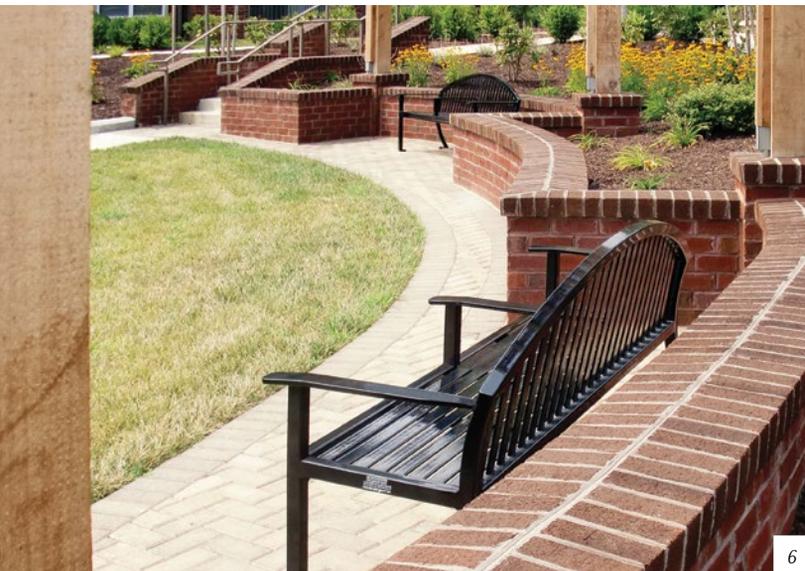
## ENTERTAINMENT



RESIDENTIAL



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1. SDC-36 side-deposit side-door litter receptacles with several optional features, Atlantic City, USA.
2. NRBI-225 inside-facing curved bench with optional armrests, Singapore Zoo, Singapore.
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4. C-10 benches, Universal Studios Amusement Park, Japan.
5. LIL-20CA benches, Griffin Ranch at La Quinta, USA.  
Photo: Caity & Drew Photography [www.caitydrewphotography.com](http://www.caitydrewphotography.com)
6. RMFC-24 benches, Fairfield at West Deer Park, USA.
7. C-10 benches, The Pearl, Tower 29, Qatar.

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