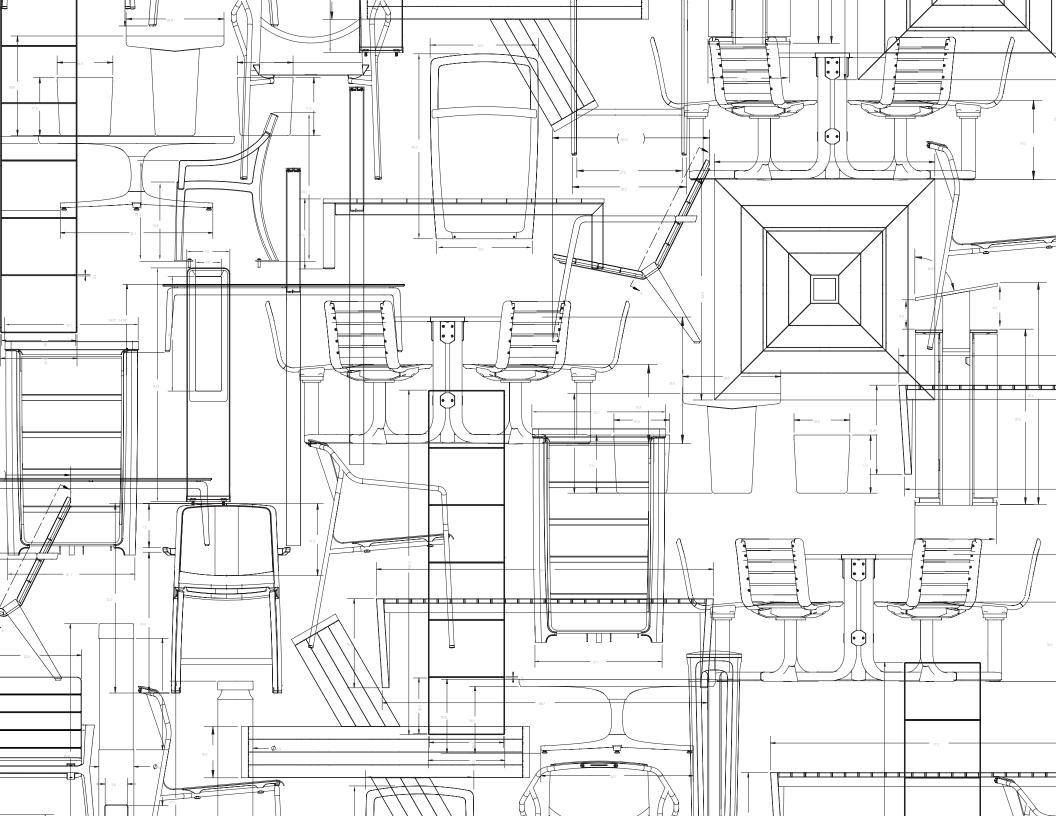
OUTDOOR PRODUCTS





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FAMILIES

Forms+Surfaces product families offer cohesive solutions for public spaces of all kinds. While each group sports a different aesthetic and combination of site furniture and/or outdoor lighting designs, all are distinguished by their ability to perform in diverse weather conditions and demanding high-use settings. Adaptable interrelated designs, coordinating materials and finishes, and products that blur the lines between indoors and out are among the traits that make product families a dynamic addition to projects of any shape or size.

APEX

The crisp geometry of the Apex line takes shape in powdercoated aluminum and FSC® 100% Cumaru hardwood. Seating options include a backless 6' bench that can be used on its own or linked in end-to-end runs, and a table ensemble with a 48" square table, matching 40" benches, ADA-compliant variations, and Soleris Sunshade compatibility. Litter and recycling receptacles in 24- and 36-gallon sizes can be specified with stainless steel or FSC® 100% Cumaru hardwood insets, optional raincovers, and multiple waste stream configurations.





APEX









AVIVO

Avivo brings a distinctly F+S point of view to café seating. Blending a modern aesthetic with versatile design options, the line includes powdercoated aluminum chairs, tables in various sizes and styles, bar stools, and bar tables. Table tops can be specified with or without umbrella holes; material options include FSC® 100% Cumaru hardwood, tempered clear glass or VividGlass, TENSL UHPC, and powdercoated aluminum with or without perforation patterns to match the chairs and bar stools. At home indoors or out, Avivo is ideal for gathering spaces of all kinds.









AVIVO









AVIVO



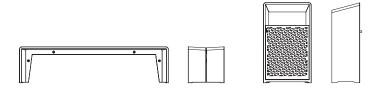






BEVEL

Bevel is an extremely durable match for public spaces of all kinds. The family features TENSL Ultra High Performance Concrete (UHPC), a material known for its exceptional strength, even when cast into beautifully thin profiles. The 6' bench consists of two mirrored TENSL castings, joined at the bench spine; a thin reveal between the two lightens the overall look. The 22-gallon litter receptacle is a single-stream, side-opening design with a powdercoated cast aluminum door. TENSL requires minimal maintenance and withstands the harshest outdoor environments.







CORDIA

Cordia pairs a graceful sense of style with durable aluminum construction. As versatile as it is timeless, the family includes backed and backless 6' benches with powdercoated aluminum or FSC® Jatoba hardwood slats; 36-gallon litter and recycling receptacles in matching wood or metal variations, multiple waste stream configurations, and with optional rain covers; a U-lock-friendly bike rack that meets APBP guidelines for security and functionality; and light bollards and pedestrian lighting fixtures, both with 3000K or 4000K LEDs and 180° or 360° visibility.









CORDIA





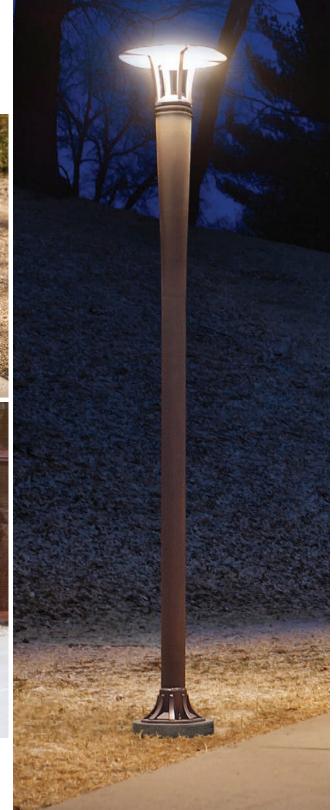




CORDIA









KNIGHT

Pure and simple in form, Knight blends refined lines, FSC®-certified hardwoods, and powdercoated aluminum with beautifully detailed polished edges. Backed and backless 6' and 8' benches offer a choice of wood or metal slats; coordinating table ensembles can be used with Soleris Sunshades and include ADA-compliant variations; bollards can be specified for LED, CFL, or HID lighting only, or with an internal security core; pedestrian light fixtures deliver HID illumination; and a singlestream, 30-gallon litter receptacle completes the family.









KNIGHT









KNIGHT









QUADRA

Quadra is a minimalist, modular family that offers a cohesive form language for creating seating, tables and planters. Modules are cast of TENSL Ultra High Performance Concrete (UHPC), an exceptionally durable material. For use as seats and tables, the aperture in the casting can face front to back. With the aperture top to bottom, customization is easy: different materials— FSC® Recycled reclaimed Teak hardwood slats; powdercoated aluminum; TENSL UHPC; and planter liners—can be inset into the top openings to create seats, tables and planters and take the line beyond a concrete-only aesthetic.









QUADRA



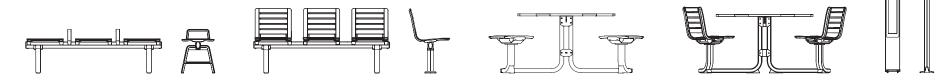






TANGENT

The highly adaptable Tangent family includes rail seating in straight and articulating variations and a table ensemble, all available with backed and backless seats with a choice of powdercoated aluminum slats, FSC® 100% Ipé hardwood slats, or stainless steel seat pans with or without one of several perforation patterns. Table ensembles are compatible with Soleris Sunshades and standard with six seats; a four-seat ADA-compliant design is also an option. Rail seating units can support from one to five seats per rail. A sleek LED bollard with 4000K illumination rounds out the mix.







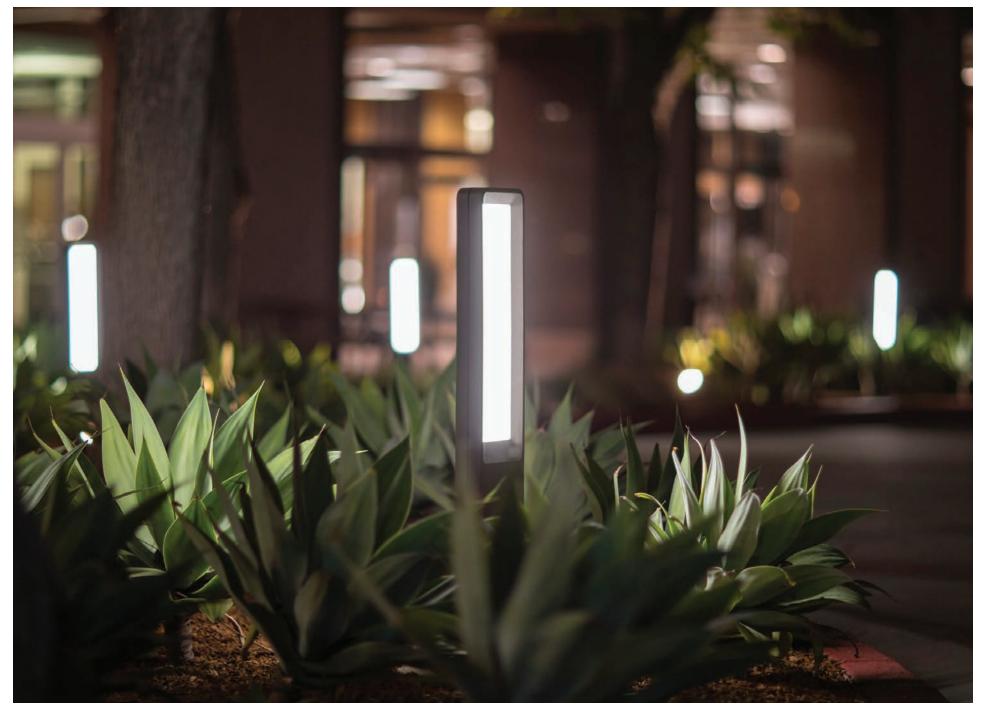


TANGENT









TANGENT



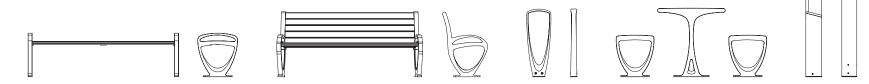






TRIO

Powdercoated aluminum and FSC® 100% Ipé hardwood come together to create Trio's sculptural forms. This distinctive family includes backed and backless 6' and 8' benches with a choice of wood or metal slats; coordinating table ensembles that can be used with Soleris Sunshades and are available in ADA-compliant variations; a U-lock-friendly bike rack that meets APBP guidelines for security and functionality; light bollards with CFL lamping; and pedestrian light fixtures with LED and linear fluorescent options.







TRIO











TRIO









VAYA

Vaya offers a modern take on taking a break. Presenting a fresh interpretation of outdoor lounge furniture, chairs and 4' benches have reclined backs and a lower stance for a leisurely level of comfort. Both pair FSC® 100% Cumaru hardwood slats with powdercoated aluminum frames. Side tables and coffee tables can be specified with tops of tempered glass, including VividGlass, or FSC® 100% Cumaru hardwood slats.









VAYA





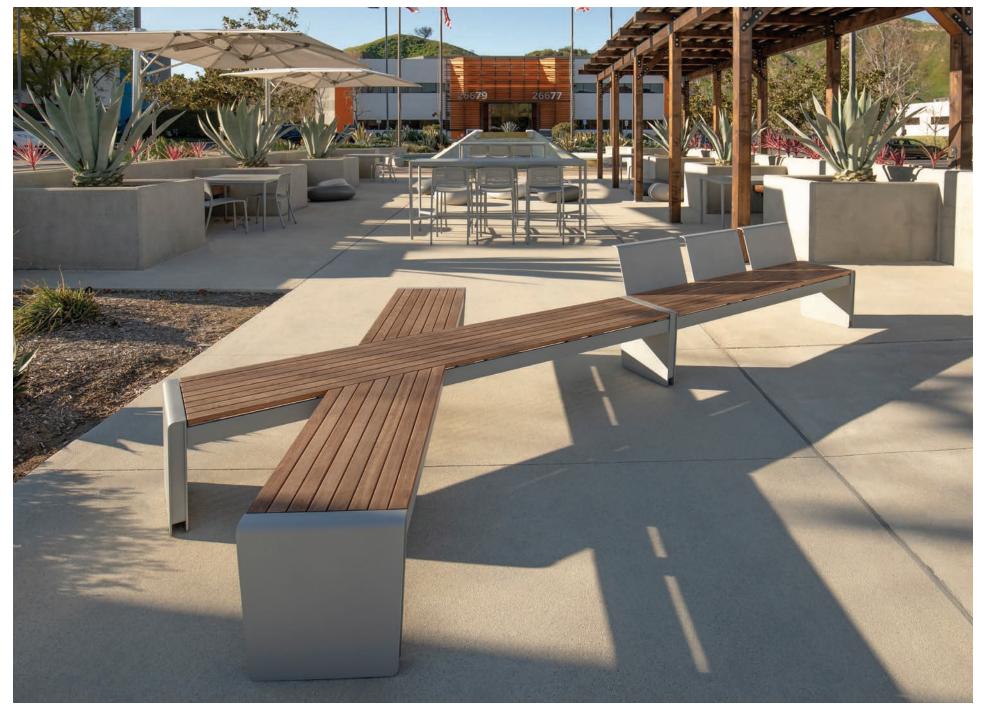




VECTOR

Vector is a highly adaptable line that goes in whatever direction your seating needs take. The modular seating system invites you to mix interchangeable bench and planter modules, choose materials and finishes, and personalize seating layouts with optional seat backs and dividers, LED accent lighting below bench seats, and/or side panels in stainless steel or VividGlass. Coordinating table ensembles with powdercoated aluminum frames and powdercoated aluminum or FSC® 100% Cumaru hardwood slats can be used with Soleris Sunshades and are available in ADA-compliant variations.





VECTOR











VECTOR











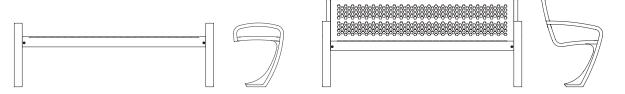


BENCHES

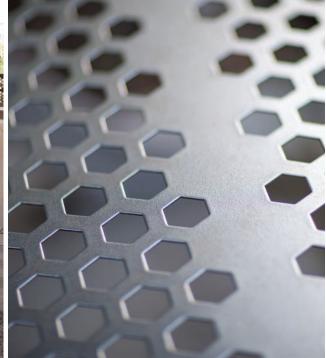
Forms+Surfaces benches are recognized worldwide for their distinctive designs and high-performance materials and finishes. With the effortless style and real-world durability of our entire site furniture line, F+S benches sit comfortably indoors, outdoors and anywhere in between. The line gives you a wide range of standard options that make it easy to tailor your bench designs to site-specific criteria. Our benches also invite customization for projects that go beyond our standard mix of sizes, materials, finishes and configurations.

BALANCE

With its unique cantilever frame, Balance appears to be suspended in air. Frames are powdercoated cast aluminum; seats are stainless steel with hexagonal perforations and stainless steel or powdercoat finishes. Backed and backless 6' benches are highly durable and ideal for any setting where robust construction and superb design are priorities.









BOARDWALK

Boardwalk brings a piece of American history to a modern bench design. Inspired by its origins, the 6' bench features FSC® Recycled reclaimed Cumaru hardwood slats, repurposed from portions of the Atlantic City Boardwalk that were replaced as part of ongoing renovations. Frames are powdercoated cast aluminum.



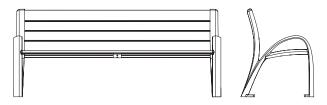






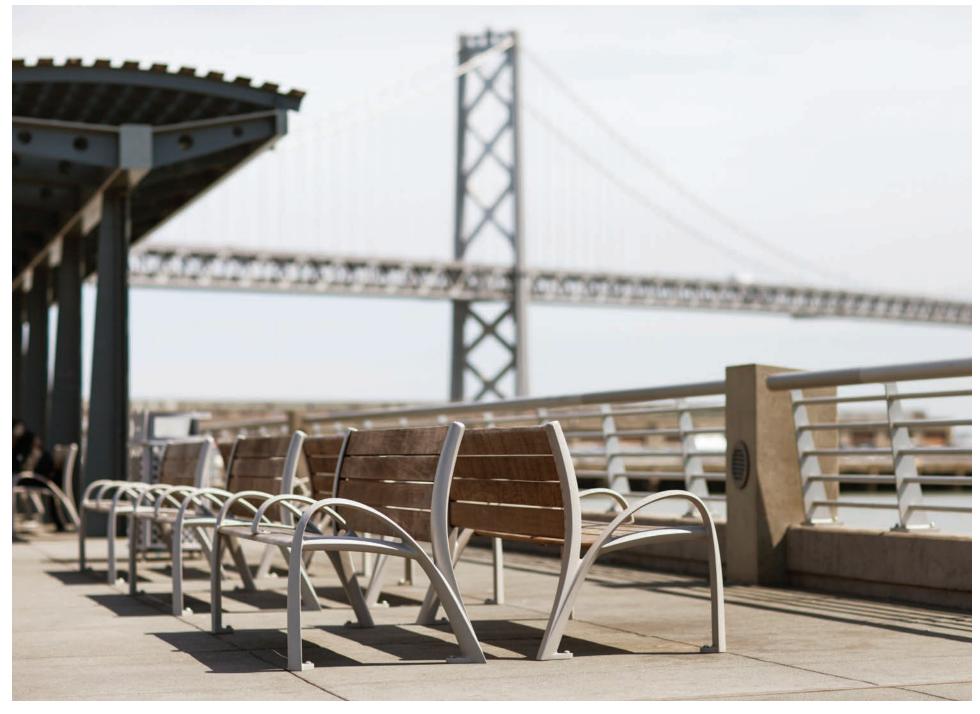
CAMBER

Camber is a sleek interpretation of the classic park bench. Backed 6' and 8' benches have frames of powdercoated cast aluminum. Seat slats for both lengths are available in powdercoated or anodized aluminum. Seat slats of FSC® 100% Ipé hardwood are also an option for 6' benches. Intermediate armrests are optional.









DASH

Dash pairs a frame of powdercoated aluminum with a seat cast of TENSL Ultra High Performance Concrete (UHPC), an exceptionally durable material that weathers beautifully and adds weight but not bulk to the sleek Dash profile. Benches are 6' long and backless. Slotted perforations in the seats allow water and light to pass through.









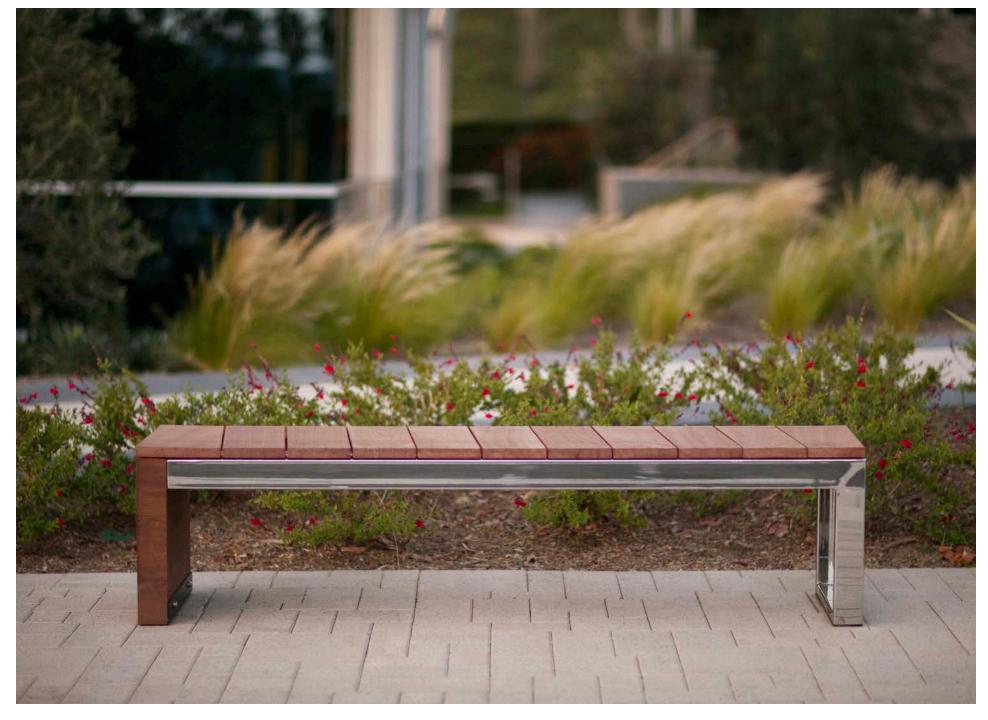
DUO

Duo is a harmonious display of yin and yang as metal and wood intersect to form a bench that transcends its parts. Frame and one end are stainless steel with a polished or powdercoat finish; the seat and other end are FSC® 100% Cumaru hardwood. At 6' long, Duo is tough enough for the great outdoors but graceful enough for any interior setting.









FLIGHT

Shaped by minimalist modern lines and graceful curves, Flight blends a light airy feel with exceptional strength and durability. Backless 6' and 8' benches have powdercoated aluminum frames with seats in a choice of sustainably sourced materials: TENSL Ultra High Performance Concrete (UHPC) or FSC® 100% Cumaru hardwood slats.









RATIO

Ratio brings durable materials, superb detailing and clean, sculptural lines to backed and backless 6' benches. Powdercoated aluminum frames have integral armrests that curve gently outwards, creating a welcoming appearance. Seats are perforated stainless steel in a choice of stainless steel or powdercoat finishes.

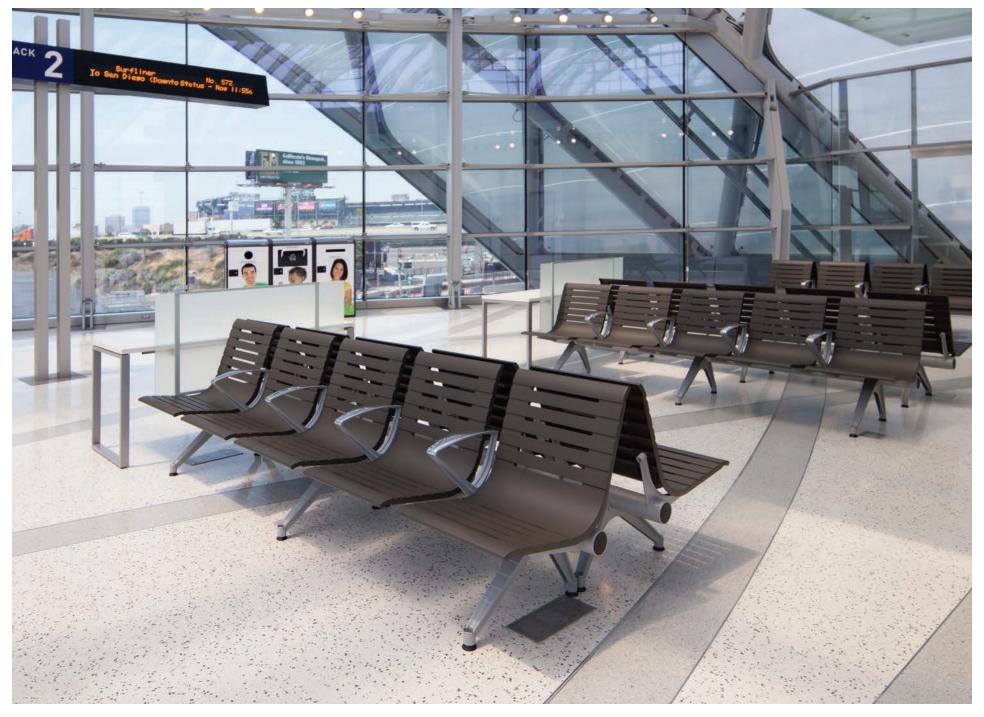




TECNORS

Tecno RS Seating is a versatile, durable system optimized for public transit and other high-use environments. The system is based on a series of interchangeable components that all attach to a single beam. Robust aluminum construction, backed, backless and perch seat styles, and numerous configuration and mounting options make Tecno RS ideal for a wide range of applications.





TECNORS





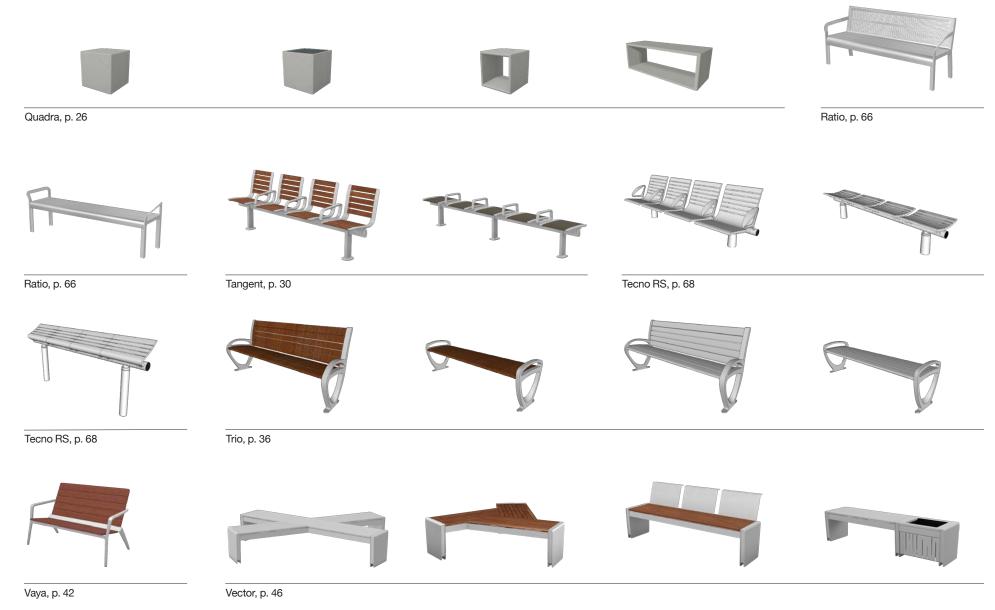




BENCHES OVERVIEW



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LITTER + RECYCLING

F+S litter and recycling receptacles have been developed with input from sanitation specialists in the toughest urban and transportation environments. Made of stainless steel, aluminum, and FSC® certified hardwoods, our receptacles are as durable and maintenance-friendly as they are attractive. This adaptable group encompasses different sizes and styles that span a full range of waste collection needs—from city streets to corporate interiors to spaces in between. Customization is also part of the equation: graphics, patterns and grillwork, and waste stream configurations can be tailored to site-specific needs.

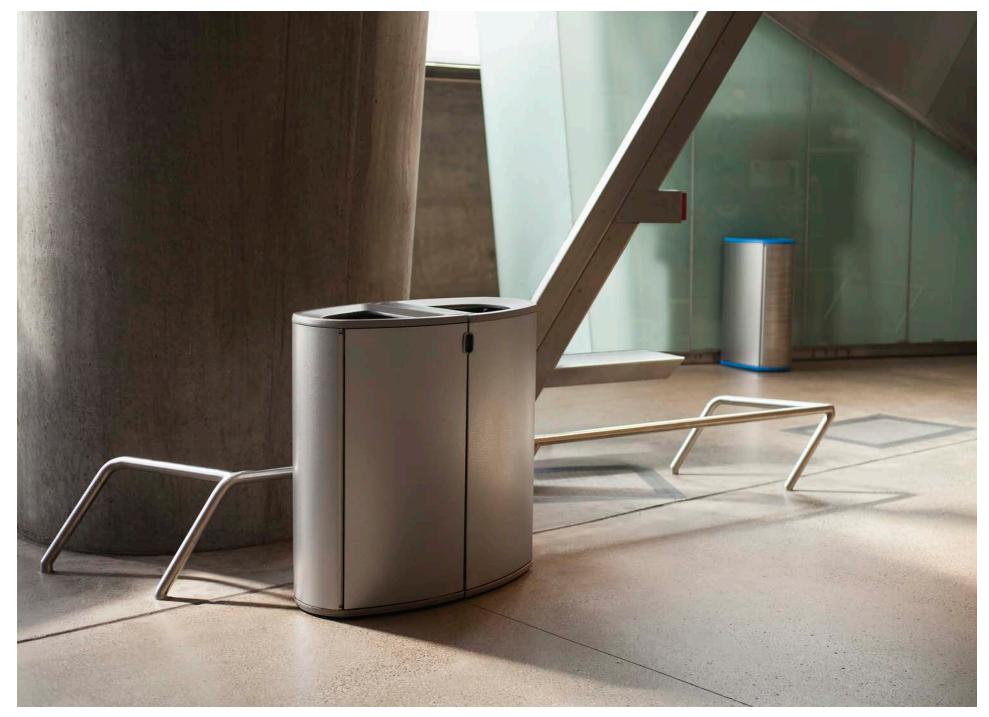
AXIS

The Axis Litter & Recycling Receptacle is a versatile, modular design that can be converted onsite from single-stream to dual-stream configurations to meet evolving waste collection needs. Receptacle bodies are stainless steel in a choice of stainless finishes; accent panels can be specified with optional perforation patterns. Lids and bases are powdercoated cast aluminum. Single receptacles have a 32-gallon capacity and side-access doors on both sides for easy servicing.



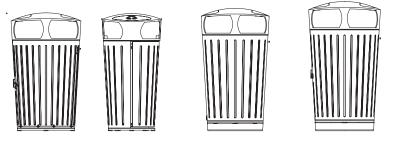






DISPATCH

Dispatch Litter & Recycling Receptacles unite distinctive design, robust materials, and a versatile array of waste stream management options. Receptacles are made of heavy cast aluminum with a powdercoat finish. A side-access door makes servicing easy. Available in 36- and 45-gallon sizes and single- and split-stream variations, openings can be configured for litter, bottles & cans, paper, or for combined litter and recycling.



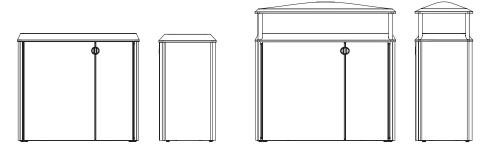






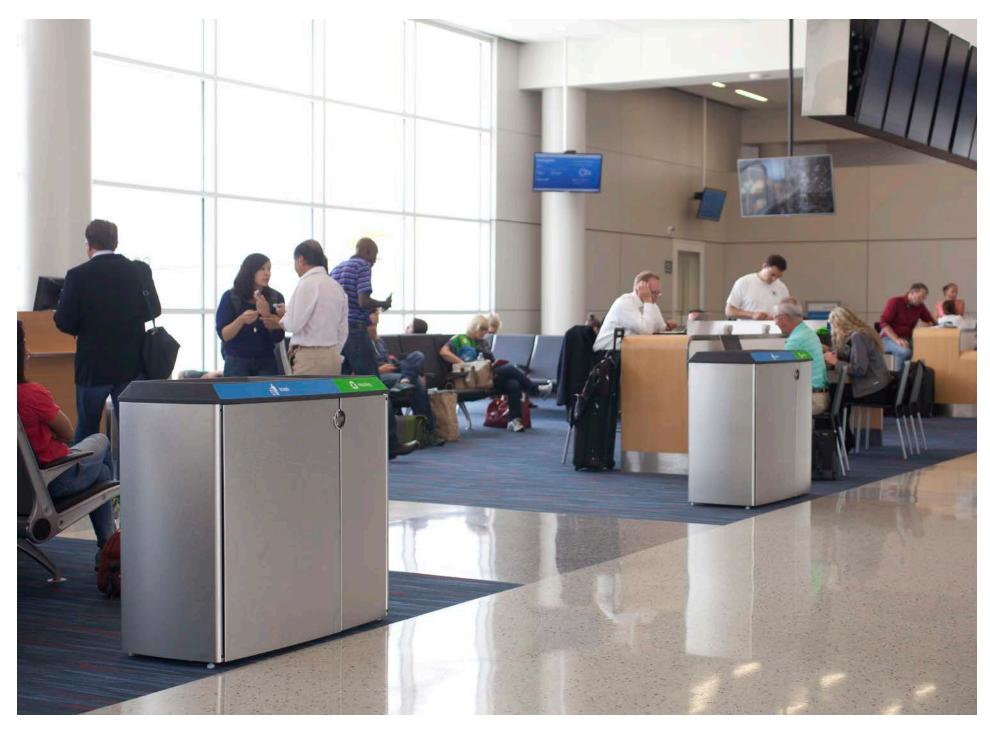
TRANSIT

Transit Litter & Recycling Receptacles provide an attractive and efficient all-in-one solution for litter and recycling collection. Transit's space-saving design incorporates dual- or tri-stream openings and independent internal liners for different waste streams. Asymmetrical side-access doors make servicing easy. Transit is stainless steel in a choice of stainless steel finishes. Powdercoated cast aluminum rain covers are optional. Total capacity is 60 gallons.



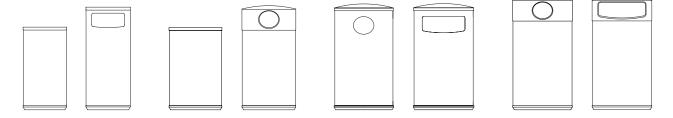






UNIVERSAL

Universal Litter & Recycling Receptacles offer the beauty and performance of stainless steel in a comprehensive range of sizes, configurations, and design options. The line's highly adaptable format gives you the freedom to tailor receptacles to project-specific conditions. High-durability finishes and beautiful decorative patterns make it easy to create a striking visual statement. Top- and side-opening models, 12-36-gallon capacities, and single- and split-stream variations allow you to address a diversity of needs, indoors or out.









UNIVERSAL











URBAN RENAISSANCE

Urban Renaissance Litter & Recycling Receptacles combine classic urban architectural design with performance that meets the rigorous demands of modern city environments. Featuring powdercoated stainless steel and aluminum construction, this streetwise receptacle can be specified with standard or custom grillwork designs, in top- and side-opening configurations, in 36- and 45-gallon capacities, and in styles ranging from basic litter receptacles to innovative integrated recycling solutions.



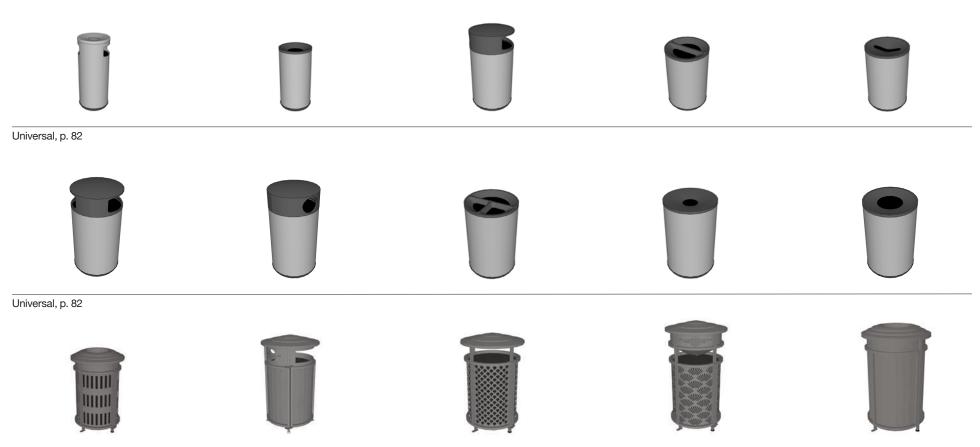






LITTER + RECYCLING OVERVIEW





Urban Renaissance, p. 86



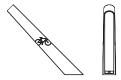


BIKE RACKS

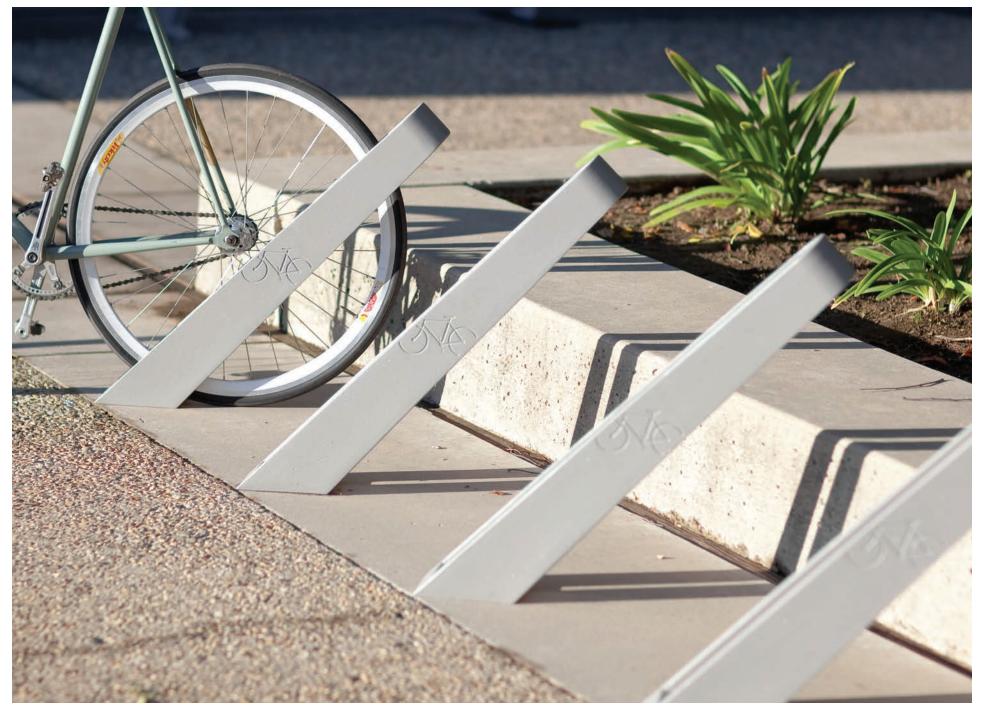
Forms+Surfaces bike racks provide secure bicycle parking for public spaces of all kinds. Field-proven in parks, universities, malls, transit centers, hospitals and more, our stainless steel and powdercoated aluminum designs suit diverse site-specific layouts and architectural styles. F+S bike racks allow for multiple locking point scenarios and can be used with standard U-locks to meet APBP guidelines for security and functionality. Standard and custom powdercoat finishes gives you colorful options for aligning with a property's branding or wayfinding needs.

BAY CITY

Bay City's clean angled design can be used in a wide range of configurations. Orienting bike racks in a single direction affords the most efficient space layout, while an alternating plan allows for multiple locking points when high levels of security are required. Solid cast aluminum construction and a powdercoat finish provide exceptional durability.

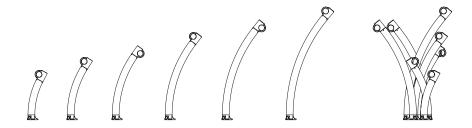






BIKE GARDEN

The Bike Garden is a truly unique solution for bicycle parking. Inspired by organic forms, "stems" in six heights can be arranged to fit almost any setting and provide multiple locking points for securing bike frame and wheels. Stainless steel stems have a Satin or powdercoat finish and are available individually or in pre-configured layouts.









CAPITOL

Capitol features a solid cast aluminum body with a durable powdercoat finish. The simple, space-saving design has the strength to stand up to continuous use and offers versatile locking point and configuration options. Capitol's bold lines can stand out or blend in and are a perfect match for cityscapes and contemporary architectural settings.





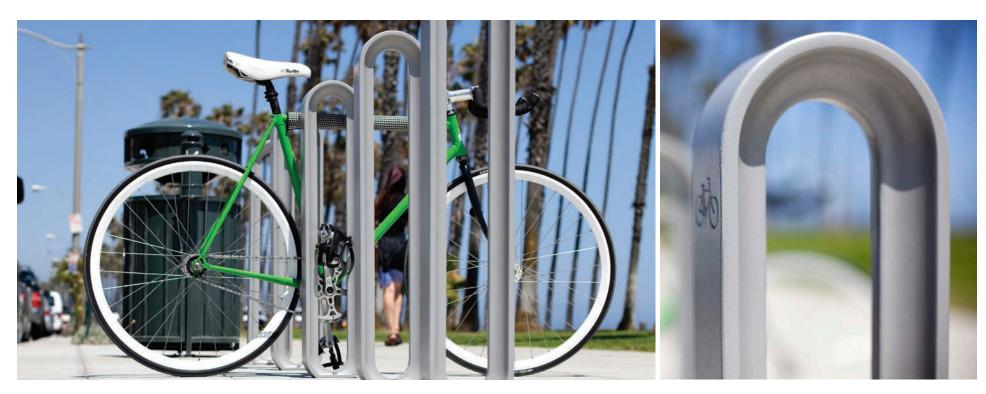




OLYMPIA

The Olympia Bike Rack is a versatile bike parking solution for any environment. Offering incomparable security and style, its fluid curves are solid cast aluminum with a powdercoat finish. Its stand-alone, space-saving design provides a wide range of locking point and configuration options as well as site-friendly design flexibility.

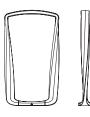






TWIST

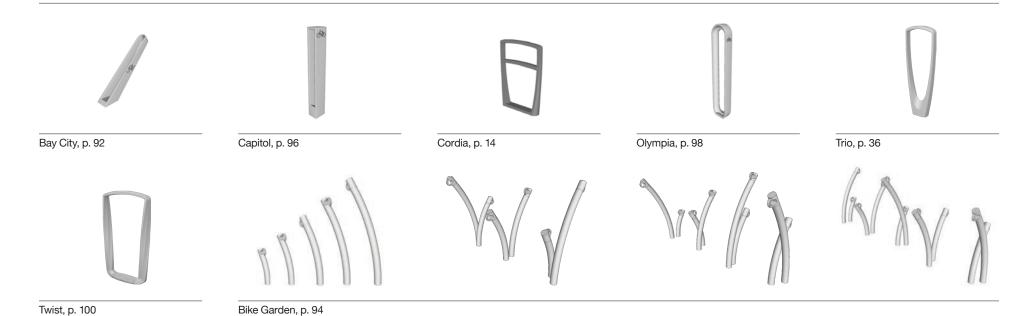
Twist is a fun design that plays on the shape of a double helix and echoes curves found in nature. Formed of a single aluminum casting that minimizes visible fasteners, Twist comes in numerous powdercoat colors to match wayfinding, branding and other design themes. Twist supports most bikes in two places and is a secure choice for settings of all kinds.





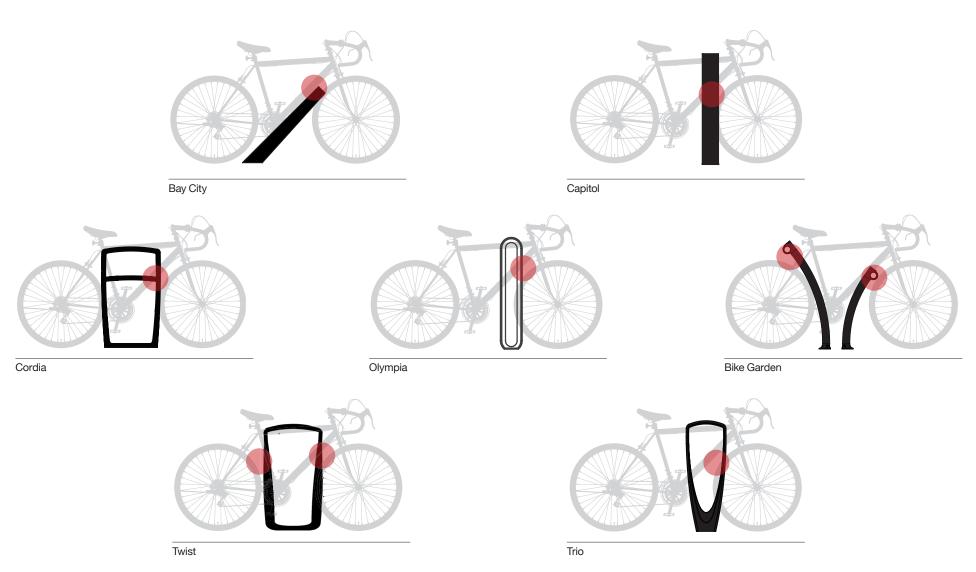


BIKE RACKS OVERVIEW



BIKE RACK LOCKING POINTS

Forms+Surfaces bike racks provide secure bicycle parking for public spaces of all kinds. A standard U-lock can be locked at the locations highlighted in red to meet APBP guidelines for security and functionality.







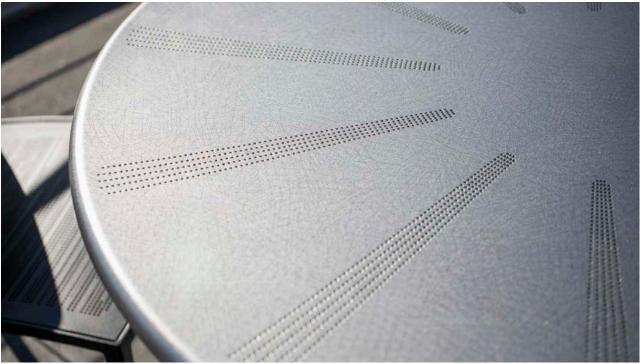
TABLES + **CHAIRS**

Tables, chairs, bar stools and ensembles add a lively social element to the F+S site furniture line. Designed to bring people together in cafés, food courts, and other gathering spaces, the group's versatility serves up plenty of options for indoor and outdoor settings. The line includes a wide range of design and material options that can be combined in numerous ways. Table ensemble variations that comply with ADA standards and Soleris Sunshades that can stand alone or pair up with F+S tables increase the options.

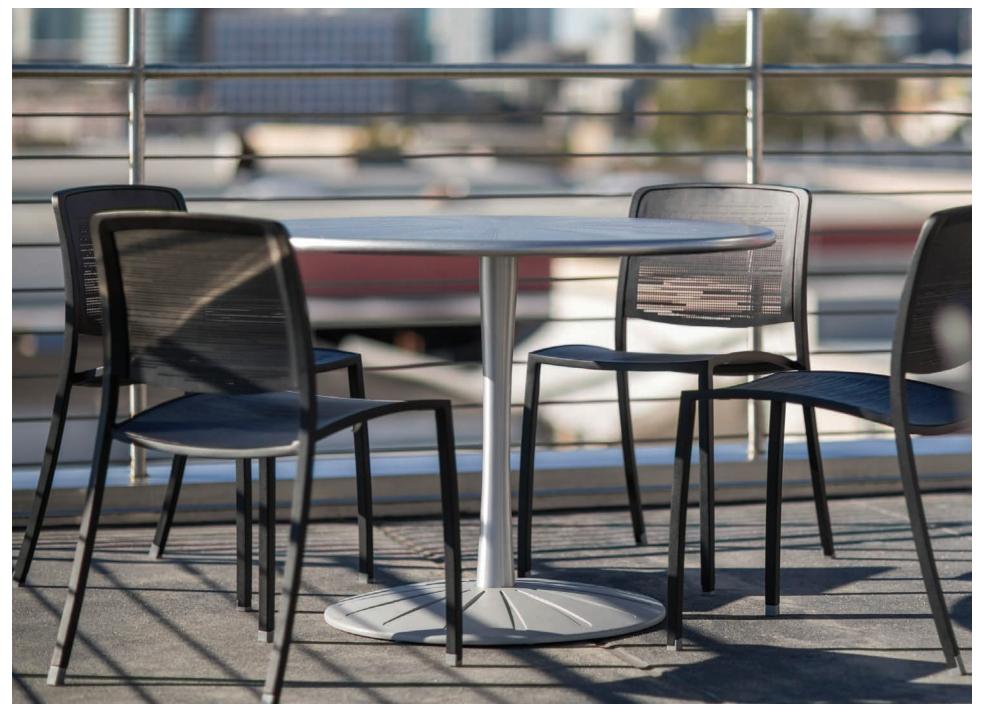
CITRUS TABLE

Citrus is a versatile choice for indoor and outdoor spaces. Hourglass-shaped formed aluminum columns have a satin finish with clear powdercoat. Stainless steel tops in two sizes come in four stainless finishes and feature the Citrus perforation pattern. Umbrella holes are optional. The Citrus design is mirrored in the table's powdercoated cast aluminum base.



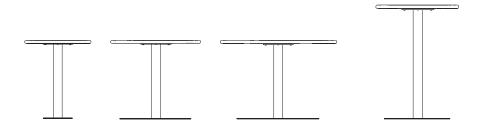






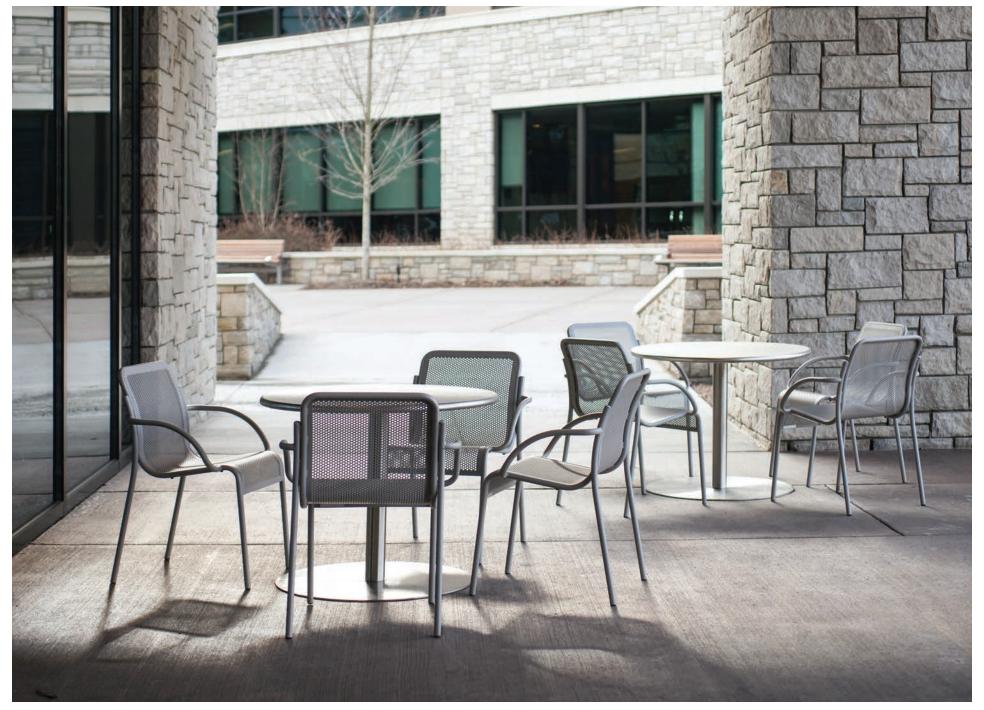
COLUMN TABLE

Simple in line and clean in design, the Column Table is constructed entirely of stainless steel. Round and rectangular tops in a variety of sizes can be specified with optional perforation patterns and accommodate umbrella holes. Café- and bar-height styles, three stainless steel finishes, and a full range of powdercoat colors are an easy match for indoor and outdoor spaces.







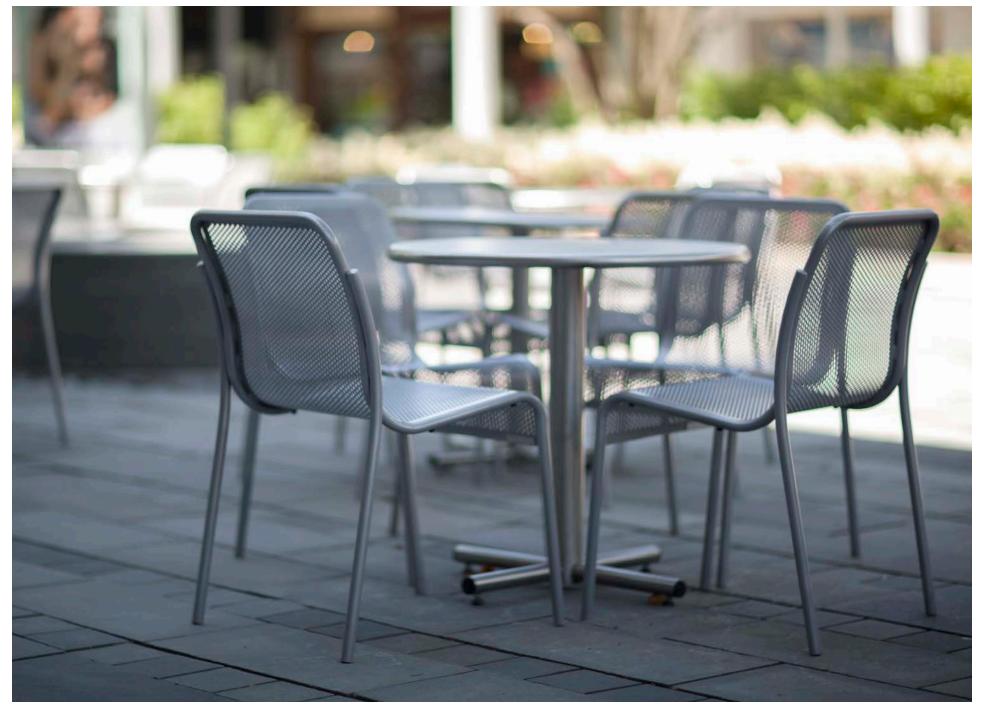


CROSS TABLE

Cross Tables are made entirely of stainless steel. Tops are round in a variety of sizes or 36" square. All are available with or without an optional perforation pattern and/or an umbrella hole. Powdercoat colors and three stainless steel finishes ensure effortless integration into settings of all kinds, indoors and out.

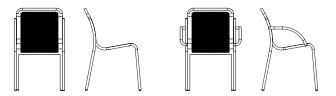






VISTA CHAIR

Great looks. Proven performance. Incredible value. Vista is a simple, hardworking design built for everyday use in the most demanding environments. Made of stainless steel with a powdercoat finish, Vista is available with or without arms and can be stacked. Perforated seats keep the look light and allow water to pass through for easy maintenance.









SOLERIS SUNSHADE

Soleris offers a fresh interpretation of a classic functional form. Designed for year-round use, this versatile, durable umbrella features open-air construction, a fixed stainless steel pole, and shade panels in powdercoated aluminum with a variety of optional perforation patterns. Soleris is designed for standalone use or pairing with F+S Table Ensembles.

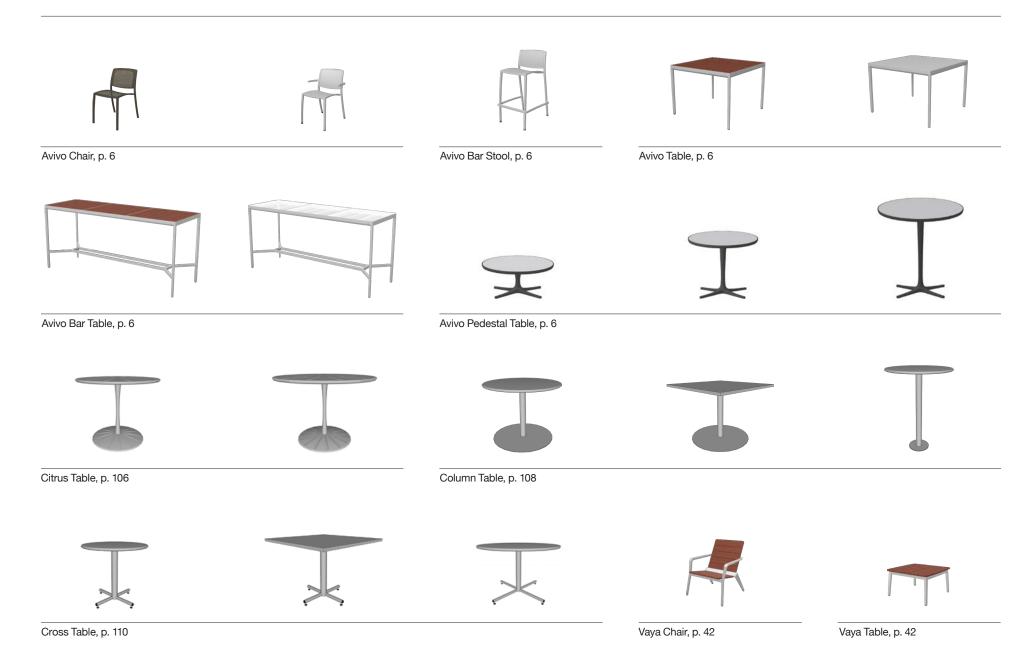








TABLES + CHAIRS OVERVIEW













Vista Chair, p. 112







Tangent Table Ensemble, p. 30





Apex Table Ensemble, p. 2









Trio Table Ensemble, p. 36



Knight Table Ensemble, p. 20

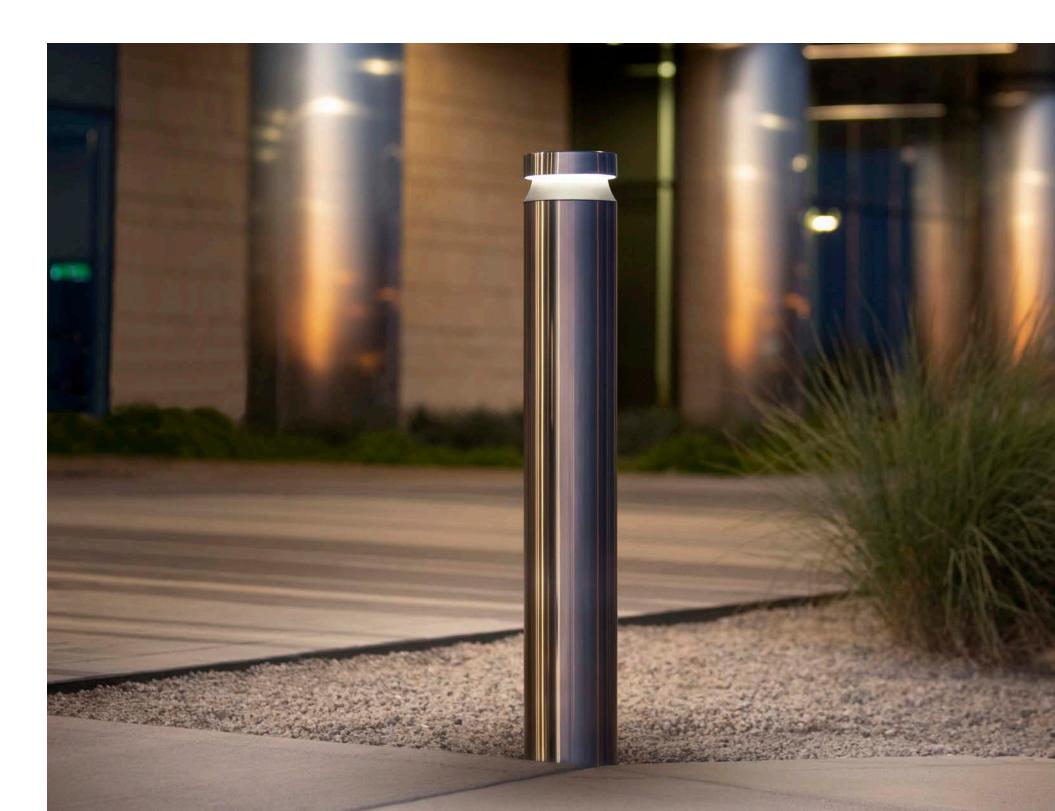


Vector Table Ensemble, p. 46



Knight Table Ensemble, p. 20







OUTDOOR LIGHTING

Forms+Surfaces outdoor lighting blends precision craftsmanship, LED technologies, and durable, high-performance materials and finishes. The line includes a wide range of aesthetics and standard designs, as well as impressive customization potential. Illuminated and nonilluminated bollards, bollards with embedded security core variations, pathway bollards, and coordinating pedestrian lighting fixtures are among the options that make it easy to carry a cohesive look across a property while addressing different lighting and security needs.

HELIO

Helio bollards bring an elegant simplicity to public spaces of all kinds. Constructed of stainless steel, fixtures are available in illuminated and non-illuminated variations. Illuminated bollards have a frosted acrylic lens, 180° or 360° light distribution, and Cree® LEDs in 3000K warm white or 4000K neutral white. Bollards are designed to provide downward-facing light to help minimize light pollution and glare. Security core options for both illuminated and non-illuminated designs make it easy to carry a cohesive look across functionalities.

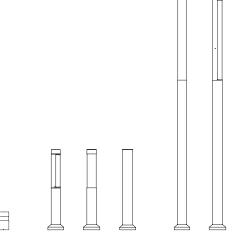






LIGHT COLUMN

Sleek in stainless steel, Light Column offers extensive design possibilities. Coordinating bollards, pathway bollards and pedestrian lighting are available in 5" or 6" diameters. Bollard options include LED, RGBW, or linear fluorescent lamps, and multiple ways to direct light: no shield, or 180° or 360° shields in standard or custom designs. Security core and nonilluminated variations expand the bollard's reach. Pedestrian fixtures with LED or linear fluorescent lamps have the same light-directing options as the bollard. Pathway Bollards 9.75" high utilize Cree® LEDs.









LIGHT COLUMN









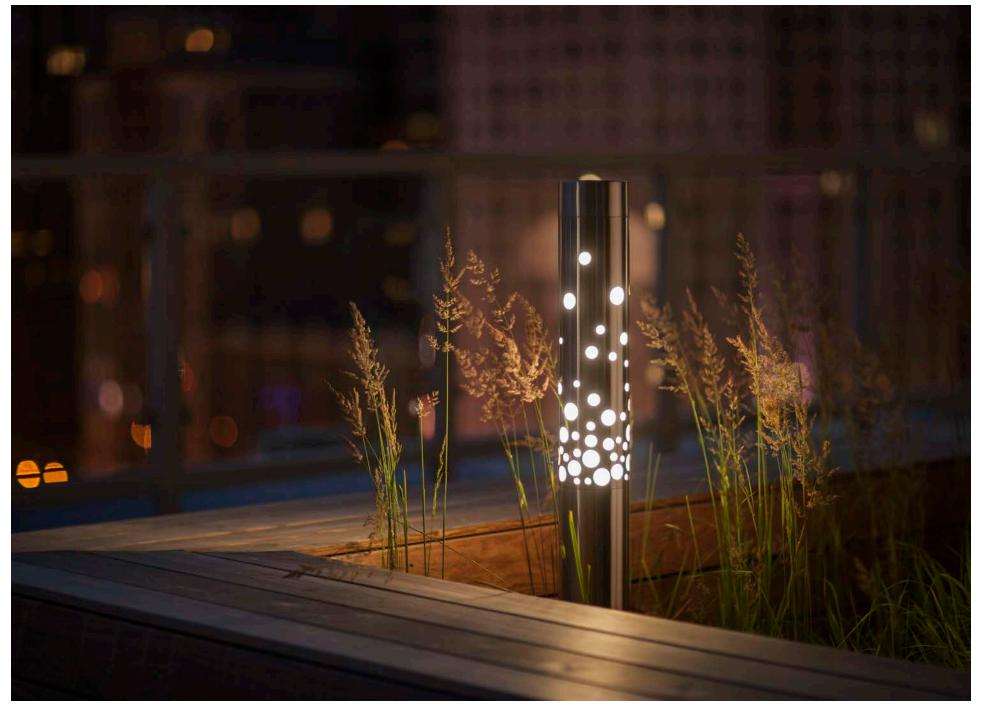
LIGHT COLUMN





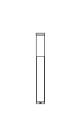






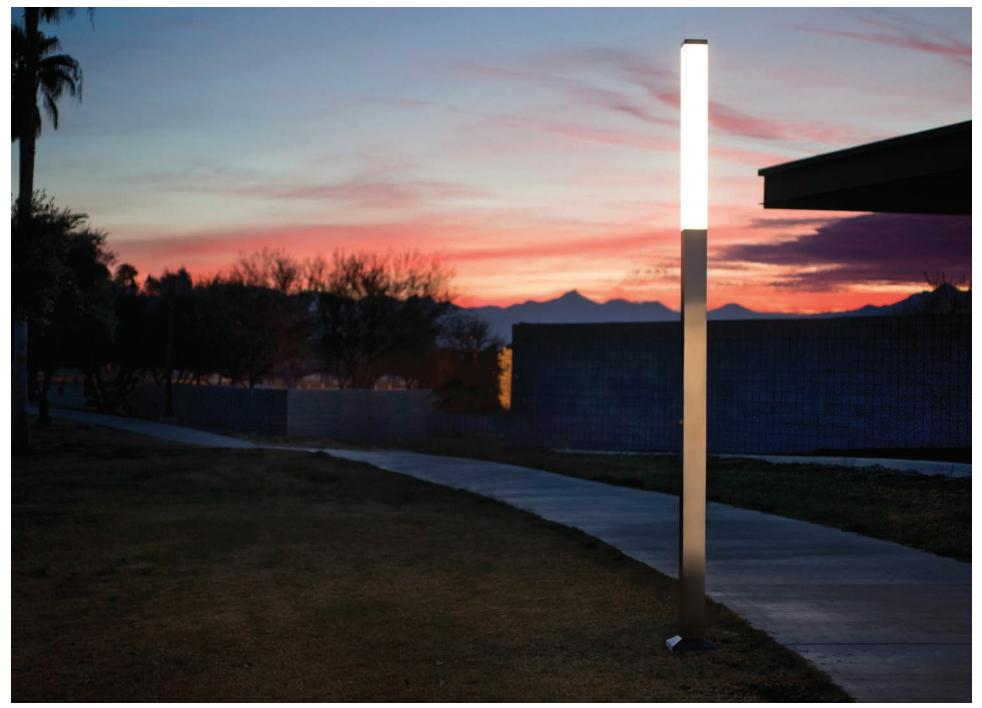
RINCON

Rincon blends a minimalist form, stainless steel construction, and the unparalleled performance of Cree® LEDs. The line includes light bollards, pedestrian lighting and pathway bollards. All are defined by precision manufacturing that gives shape to the 4.5" square profiles and creates a virtually seamless appearance. Optional perforated shields in standard or custom designs add to the versatility of the bollard and pedestrian fixture. Coordinating pathway bollards 9.5" high make it easy to meet different lighting requirements while carrying Rincon's aesthetic across a project.









RINCON

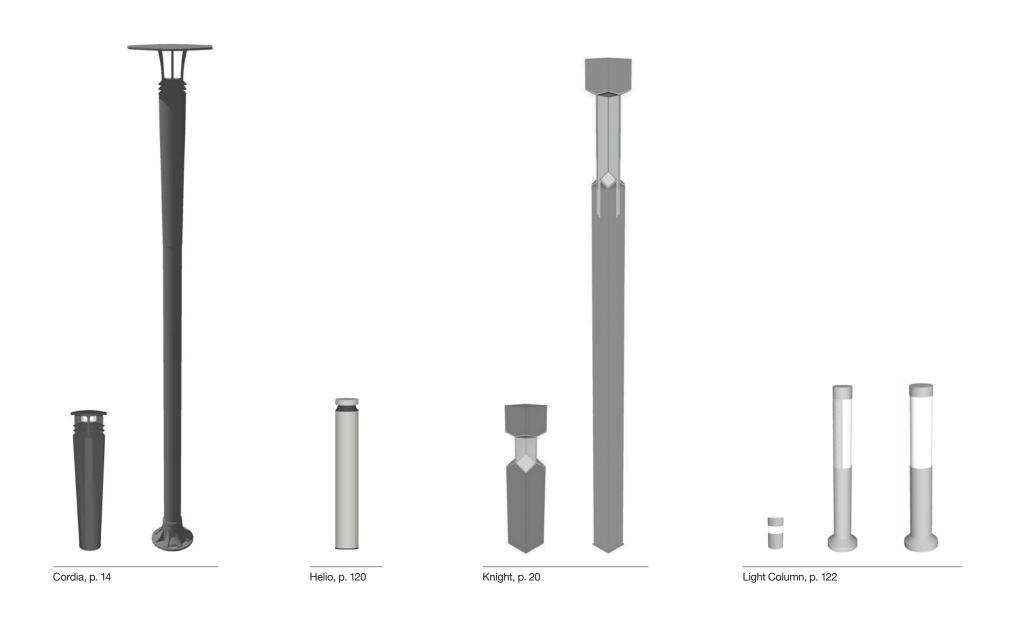


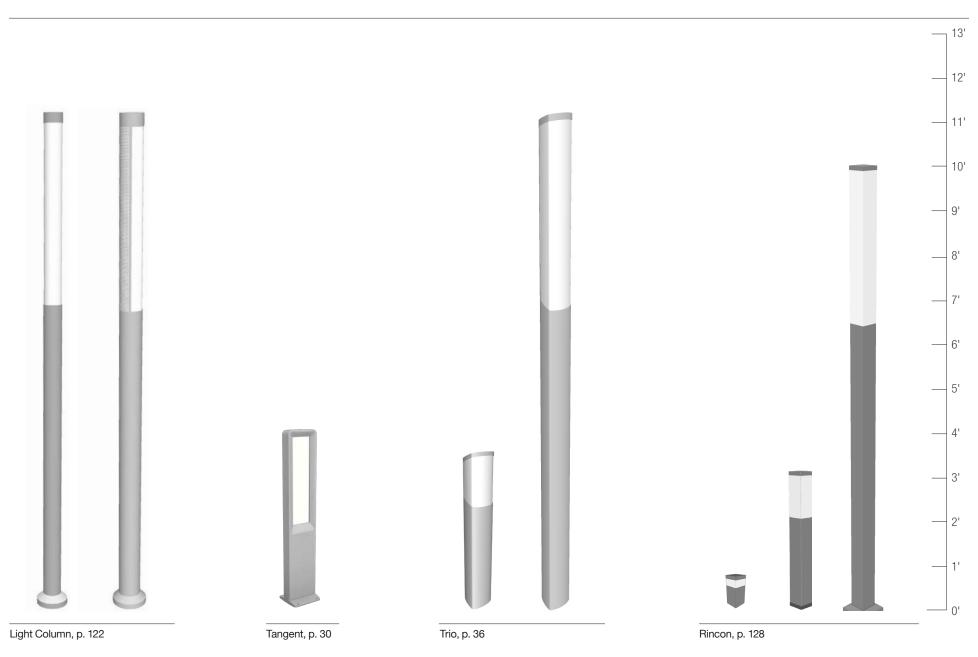


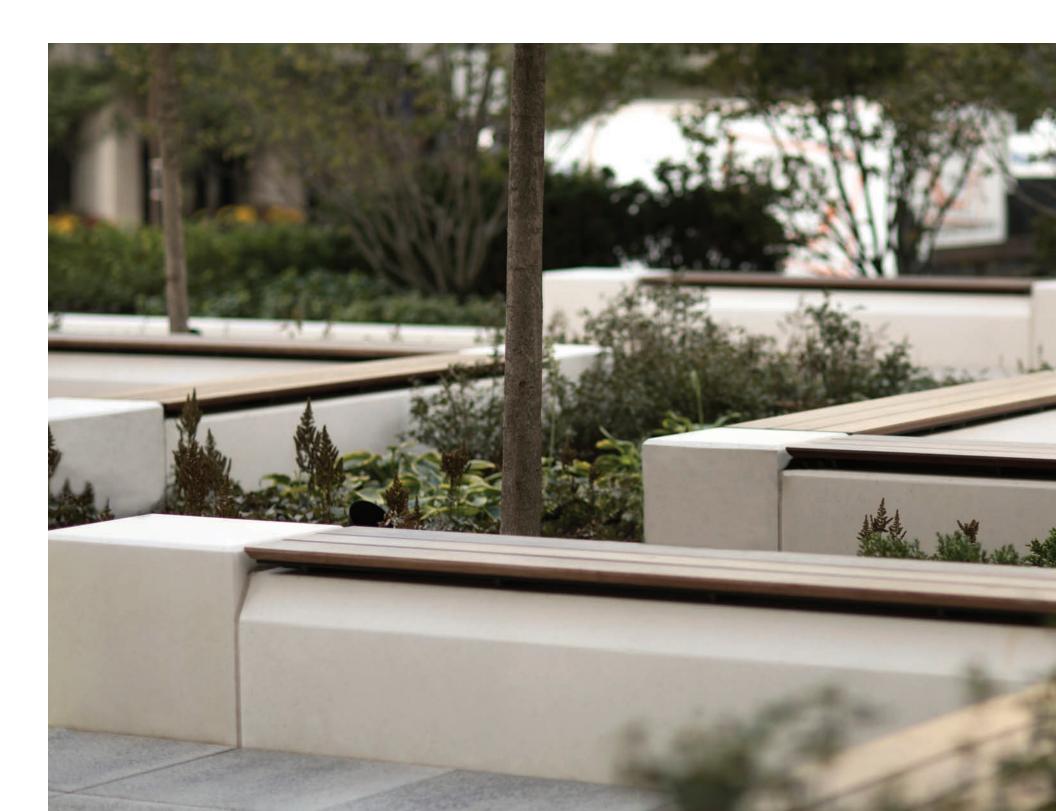




OUTDOOR LIGHTING OVERVIEW









Forms+Surfaces products offer cohesive solutions for public spaces of all kinds—outdoors, indoors, and virtually anywhere in between. More than the sum of our product lines, though, we're an integrated resource with the drive and agility to help you achieve success. With more than 50 years of materials and manufacturing expertise and a vast portfolio of successfully completed projects around the world, Forms+Surfaces is a compelling choice for innovative, intelligent design solutions, no matter what the size or scope of your job.

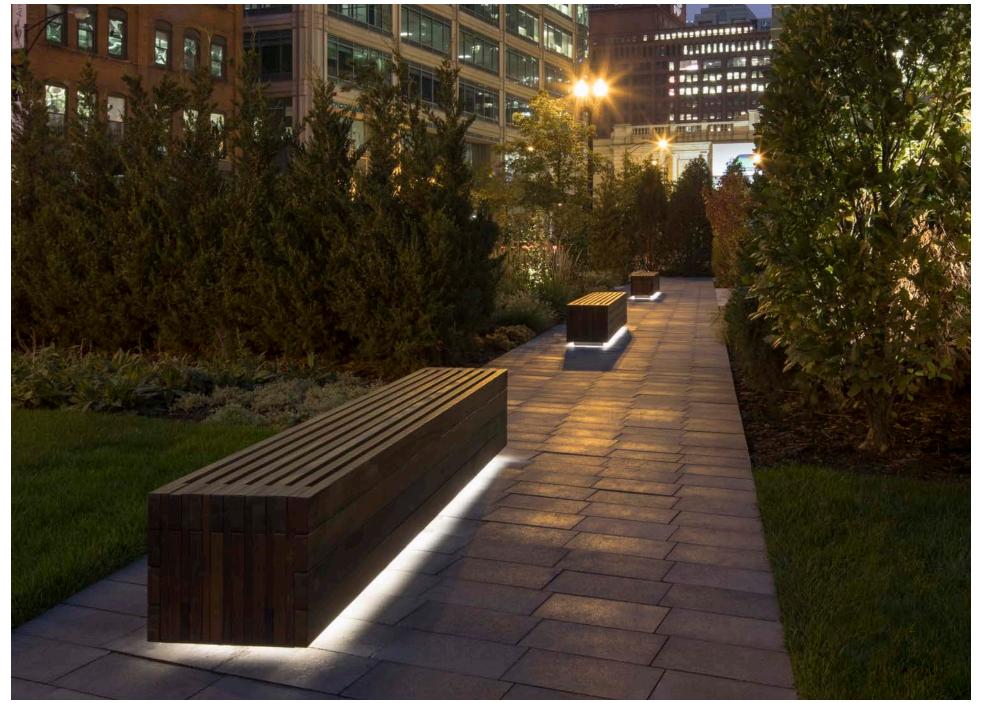
Our product lines give you unparalleled creative reach. But if your needs go beyond our standard options? Many F+S products can be modified to meet your site-specific criteria or used as inspiration for something completely new.

Modifying a standard product means taking an existing design beyond its usual range of options—for example, by adding graphics, or altering a product's size, material, or component mix. Modified standard designs can alleviate the need for custom products and be a cost-efficient way to keep a project on budget while achieving your desired end results.

Fully custom designs go a step further. Working to your vision, we start from scratch and build from the ground up.















For over five decades we've worked with clients around the globe to develop real-world design solutions. These collaborations have yielded expertise on numerous fronts and given us a solid understanding of the challenges our customers face every day.

We're constantly experimenting and exploring. We know you are too. Which is why we steadily invest in high-end manufacturing facilities and equipment, state-of-the-art design technologies, sustainable materials and finishes, and the skilled professionals that make up our team.

Standard. Custom. Or somewhere in between. Because we design and manufacture our own products, we can respond to new opportunities without missing a beat and get creative with solutions that give you exactly what you need.



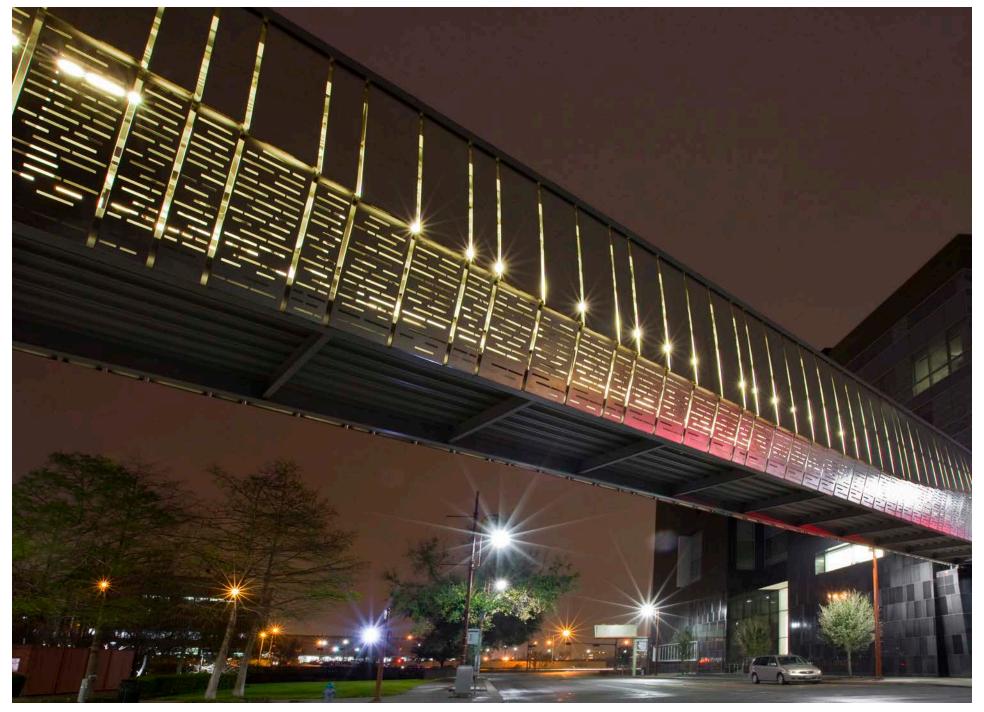












AUGMENTED REALITY

Go beyond static photos to picture the possibilities! The F+S Augmented Reality app puts visualization within reach of your mobile device with dynamic 3D models that give you a real-world view of some of our most popular site furniture products in any setting you choose. The app lets you see designs up close, view them from multiple angles, and envision the end results. It's fast, informative and fun.

To see how easy it is, download the Forms+Surfaces app from the Apple App Store or Google Play. Browse the on-screen menu. Find your product of choice, tap visualize, then aim your mobile device camera at your desired location. This generates a realistic 3D model you can use to explore ideas, share your vision and make decisions - anytime, anywhere.

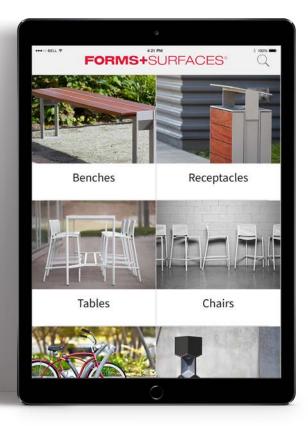
To learn more, visit www.forms-surfaces.com/augmented-reality.

Augmented Reality is one of several innovative, interactive F+S design tools that make it easy to work with F+S products. To learn more about this growing collection, visit www.forms-surfaces.com/design-tools.











ADDITIONAL RESOURCES

Visit Our Website: www.forms-surfaces.com

Updated regularly, our website is a comprehensive resource designed to help you discover what's new and stay up-to-date on product and company developments. In support of all of our Site Furniture and Outdoor Lighting, you'll find:

- + Product Data Sheets
- + Quote/Order Forms
- + Technical Drawings
- + SketchUp Models & CAD Files
- + Installation Instructions
- + Environmental Data
- + Image Galleries
- + Project References

Contact Us

Contact Forms+Surfaces for additional information about any of our products or to reach a sales representative in a territory near you.

- + Telephone: 800.451.0410
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