

# Photo Gallery

TimberForm-2®

PipeLine®

RePlay®

InterPlay®



2-A



2-B



2-C





3-A



3-B



3-C



# Photo Gallery

TimberForm-2®

PipeLine®

RePlay®

InterPlay®



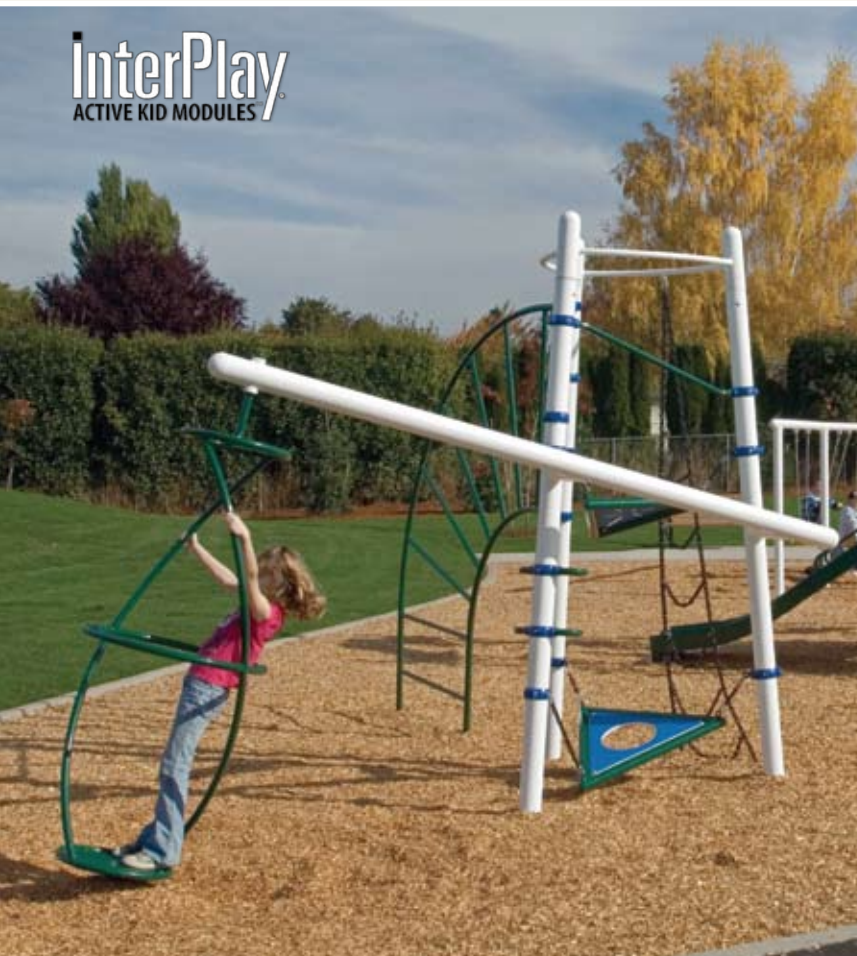
4-A



4-B



4-C



4-D



4-E





5-A



5-B



5-C



5-D



# Eco-friendly

**Columbia Cascade Company** has been committed to producing eco-friendly playground equipment since its inception. All of our products and finishes are made from non-toxic materials. Our factory and offices are operated and maintained in an environmentally responsible manner.

## Our Products



- All of our metal components are coated with CASPAX-7, a lead-free powder coating.
- The steel pipe used in our products contains 95-100% post-consumer recycled metal.
- We do not use lead-containing galvanized coatings on playground equipment parts that could come in contact with children's skin.

- Our plastic accessories and components contain no Polyvinyl Chloride (PVC).
- Our plastic accessories and components contain no Phthalates.
- TimberForm RePlay plastic timbers are made from 100% recycled post-consumer plastic products. This structural play system is the most environmentally friendly choice available when selecting new playground equipment.
- Our child-friendly wood preservative is not and never has been arsenic based.
- Our "playground equipment grade" Douglas fir timbers are obtained from sources that adhere to strict and ecologically sound sustained yield practices. For every tree that is felled for playground equipment use, at least three superior seedlings are planted.
- Many of our playground equipment products can help in achieving LEED® credits for your project.



## Our Manufacturing Plant

- Our production facility employs strict environmental management practices.
- The dry finish CASPAX-7 powder-coating process emits no volatile solvents to the atmosphere and is ecologically sound.
- We do not allow factory emissions of any kind.
- Using energy efficient fluorescent lamps, factory lighting is motion controlled and task oriented.
- Factory storm water is diverted to on-site engineered bio-swales rather than to a stream or public sewer system.
- All production scrap (metal, wood and plastic) is recycled.
- Wooden shipping pallets are salvaged, repaired and reused.
- All new cardboard packaging is produced only from recycled paper products.

## Our Design Headquarters and Offices

- Our headquarters location was selected for easy access to the expanded light-rail line in the geographical center of Portland, Oregon. We encourage our employees to commute to work via mass-transit or alternative transportation.
- The company provides on-site bicycle racks and monthly transit passes for employees. On-site showers and changing rooms are available to cyclists.
- To conserve energy and natural resources, we discontinued the industry practice of mass-mailings of paper catalogs over ten years ago. Although we still print a limited number of catalogs for hand distribution, we encourage the online downloading of PDF copies.
- All paper, plastic and metal waste is segregated and recycled. Obsolete computer equipment is delivered to authorized recyclers.

LEED is a registered trademark of the U.S. Green Building Council.



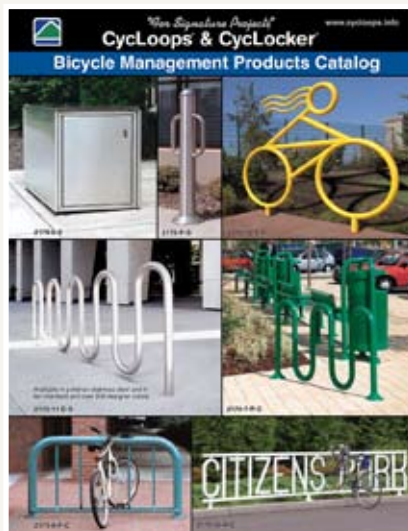
## Other Columbia Cascade Products

Columbia Cascade also produces a complete line of site complements, bicycle parking solutions and outdoor fitness systems. To obtain a catalog contact your local Columbia Cascade representative or our headquarters at Portland, Oregon. All of our catalogs are available as downloadable PDF files at our web site [www.timberform.com](http://www.timberform.com). Look for the category entitled Current Publications.

### TimberForm Site Furnishings



### CycLoops & CycLocker Bicycle Management



### TimberForm & PipeLine Outdoor Fitness Systems



## Themed Play



## PipeLine



## InterPlay



## TimberForm-2 & RePlay



### Current Designs and Specifications

As a safety- and quality-conscious manufacturer, we are constantly improving our products to better serve our ultimate and most important customers, the players who will use the equipment. Therefore, all designs, product features and specifications depicted in this catalog are subject to change without notice.



Please pass this catalog along to others who may be interested in playground equipment subject matter. Or, rather than discarding as waste, please recycle.

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### Trademarks & Copyright

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## This Catalog

This catalog features new Play Areas as well as a number of popular designs from previous catalogs. All of the new Play Areas, plus many of the Separates and Accessories were created to address the most recent governmental specifications and recommendations. These include the *U.S. Consumer Product Safety Commission (CPSC)*, the *American Society for Testing and Materials (ASTM)*, *F-1487. "Standard Consumer Safety Performance Specification for Playground Equipment for Public Use,"* the *Americans with Disabilities Act*, and European standard *EN 1176* as independently certified by TÜV.

Playground equipment appearing in this catalog has been carefully developed and critiqued by NPSI-certified staff based upon these guidelines plus playground specifier/owner/operator concerns communicated to us regarding playground safety, accessibility and durability.

## History

Over forty years ago the **"Playground Revolution"** was initiated by **TimberForm** designs. The form and function of contemporary play facilities were immediately and forever transformed. Today's finest play structures and accessories evolved from radically new concepts originated by TimberForm designs.

Later, **PipeLine** play systems, **"the toughest metal play system in the world"**, replicated in steel, the post and deck concepts of successful TimberForm designs and the evolution continued.

Subsequently, the introduction of **TimberForm-2** offered a new modular post and deck system that reduced the need for many embedded posts and allowed for simplified installation by community volunteers. Friends and neighbors could erect a significant play structure in a several hours on a weekend.

Recently we introduced **TimberForm RePlay** Play Areas. These models feature the same proven structural system as TimberForm-2 but replace the timber members with environmentally friendly 100% recycled post-consumer plastic posts and beams. Specifying TimberForm RePlay can help achieve LEED® Credits for Recycled Content.

The fresh **InterPlay** groupings incorporate tough PipeLine structural elements in deck-free **"Active Kid Modules"** that encourage body enhancing activities for older children.

And finally, **Themed Play** has become a hallmark of Columbia Cascade, whether TimberForm- or PipeLine- based, our Themed Play Areas and accessories are unique in the industry.

Choose from those illustrated here or ask us to create a playground based upon your specific motif. A team of experienced designers is ready to turn your dream into a reality. Naturally, the final Columbia Cascade design will be vetted for conformance to recognized safety standards.

Accessibility to all players is now a prime consideration in the playground equipment selection process. Plus, enhanced safety features make today's playgrounds the most player-friendly ever.

Columbia Cascade has been committed to both safety and accessibility since its origin. Couple this with innovative design, structural integrity, premium materials, durable finishes and the widest selection of customer options offered in the playground equipment industry and it's easy to see why today Columbia Cascade products remain the informed specifier's choice.



## Accessibility for All

Accessible Play Areas are identified throughout the catalog with this symbol.

Columbia Cascade has long been active in the design and production of play structures that serve the needs of all children. Many states and the Federal **Americans with Disabilities Act** make accessibility for all children a key consideration in playground design and equipment selection. Accessible Play Areas from each of our play systems as well as several unique Separates and Accessories are presented in this catalog.

## Safety

Columbia Cascade has actively and enthusiastically participated in the improvement of playground equipment safety performance standards and guidelines for public playgrounds since they were first proposed. The products presented in this catalog reflect playground equipment safety specifications at the time of publication.

However, it should be noted that the most significant safety factor relating to playground injuries remains the surface beneath and around the equipment. As an equipment manufacturer, we have no control over this most important safety aspect. Therefore, we cannot emphasize the following statement too strongly. It is the most important message you will see in this catalog.



**Under no circumstances should play equipment be placed or remain in service upon hard, unyielding surfaces such as concrete, asphalt, compacted earth or turf (natural or synthetic).**



We supply TimberForm & PipeLine playground equipment to customers

worldwide. Many of these specifiers rely upon **EN 1176** as their criteria for safe, durable playground equipment. Engineers from **TÜV**, an internationally recognized independent testing agency headquartered in Germany, have inspected our engineering data, factory, materials and quality control systems and products *in situ*. TÜV certifies Columbia Cascade playground equipment to be in compliance with tough European specifications.

We receive many requests from potential customers who want to buy TimberForm or PipeLine components or accessories for attachment to apparatus they have designed and had constructed. Because we have no real knowledge of their apparatus; its structural qualities, materials, placement, or how our component or accessory may, in combination, create a hazard to children, we never sell our playground equipment components for attachment to apparatus we did not make.

## PipeLine

PipeLine playground equipment is designed to last. We start with thick-walled 4-1/2" (114mm) diameter Schedule 40 steel pipe posts rather than thin-walled tubing. Smoothly formed aluminum alloy collars are bolted and pinned with stainless steel hardware. The PipeLine connection system is free of sharp edges and protrusions, providing a child-friendly yet rigid connection between posts, rails and accessories.

Exposed post tops are factory capped with cast aluminum domes.

Compare the PipeLine specifications with all others and you'll see why PipeLine is known as **"The toughest metal play system in the world."**

To better withstand the rigors of tough city life, most PipeLine Play Areas can be specified with steel decks and all metal accessories rather than ubiquitous plastic seen on our competitors' offerings. When combined with our Schedule 40 steel pipe the result is a truly **"Urban Fit"** playground.

After attentive preparation, all metal components are color coated with CASPAX-7, lead-free powder coating by skilled applicators.

## Lead-Free Powder Coating

All **TimberForm-2**, **RePlay**, **PipeLine** and **InterPlay** "colored" metal is finished with **CASPAX-7** lead-free powder coating. The tough, minimum 6 mil thick coating offers lasting playground performance far superior to liquid finishes.



# TimberForm-2® & RePlay®

CASPAX-7 provides thick, rich colors that are ultraviolet (UV) stabilized, durable and smooth— free from runs, drips or sags. This dry finishing process emits no volatile solvents to the atmosphere and is ecologically sound.

## Colors

All metal products and components are offered in ten desirable **ColorCard™** colors plus a spectrum of over 200 designer colors. Standard colors are black, brown, burgundy, Chrome Yellow, Coffee Tan, Evergreen, Ocean Teal, red, Regal Blue and white.

To view the complete selection of available powder-coating colors, ask your representative to show you the Columbia Cascade **ColorBook™**.

## Plastic Accessories

Rotationally-molded plastic products that accessorize TimberForm & PipeLine playground equipment are the finest available. Slide Chutes, Tunnel Crawls, Panels and cylindrical accessories such as Tic-Tac-Toe panels are manufactured from hot-compounded medium density polyethylene (M.D.P.E.). Hot-compounding assures uniform coloration within each part and from part to part. Hot-compounding also imparts superior ultraviolet (UV) resistance to minimize the fading effects of the sun's rays. Maximum UV protection also enhances the strength properties of MDPE. The final wall-thickness of our rotationally-molded plastic accessories is 50% thicker than the industry standard low density polyethylene (L.D.P.E.) maximizing strength, durability and long useful life. **Columbia Cascade playground plastics are free of PVC and phthalates.**

Beware specifying or buying cheap vacuum-formed plastic accessories often used on home playground equipment. These products may appear similar in promotional photographs, but in reality they fail to provide durability to last more than a few days in a public playground environment.

## SofDek Steel Decks

For added durability, TimberForm, RePlay and PipeLine play structures feature state of the art SofDek plastic-coated perforated steel decks as standard. SofDek lead-free coating provides a durable, textured surface that shields sensitive hands and bare feet from the effects of extreme hot or cold surfaces.

## Douglas Fir Timber

TimberForm-2 uses Playground Equipment Grade coastal Douglas fir which is free-of-heart-center (F.O.H.C.). Douglas fir is a tough and durable structural species ideally suited to the demands of playground use when a premium grade is used. It will vary in color from shades of salmon to ivory and eventually turn to a natural sable gray in outdoor settings. The F.O.H.C. specification

is critically important. Timber containing the tree's heart or pith will perform poorly in time and have a short useful life. After seasoning, smooth dressing and fabrication, all wood components are inspected for appearance and suitability for play.

All TimberForm timber posts undergo **MaxTreat** processing prior to pressure-preservative treatment. MaxTreat is an exclusive fabrication procedure that includes two steps, incising and kerfing.

When combined, these two steps greatly enhance pressure-preservative treatment and retention in the sensitive groundline area of embedded posts.

## Wood Preservative

All wood components used on our Play Areas and Accessories are pressure-preservatively treated after all fabrication is completed with a child-friendly wood preservative. ***We do not and have never used arsenic-based wood preservatives.***

## Conserving and Enhancing America's Forests

TimberForm **"Playground Equipment Grade"** timber is obtained by Columbia Cascade from Northwest America sources that adhere to strict and ecologically sound sustained yield practices. For every tree felled for playground equipment use, at least three superior seedlings are planted and available to future generations of players.

## TimberForm RePlay

TimberForm RePlay plastic timbers are made from 100% recycled post-consumer plastic products. Recycled plastic is the environmentally friendly choice today when selecting new playground equipment. TimberForm RePlay posts and beams are extruded (not molded) from high density polyethylene (H.D.P.E.). The result is a dense, strong member with uniform surface texture and color throughout so maintenance will be minimal.

Stainless steel **TimGrip** bolts, that provide secure, durable assembly of TimberForm RePlay structures are furnished as standard. Unlike regular timber bolts, TimGrip hardware has unique thread geometry especially designed, tested and proven to securely and permanently grip recycled H.D.P.E. plastic.

Recycled plastic/waste wood composite lumber decking is available as an option.

## Community-Built TimberForm-2 and RePlay Playgrounds

Community leaders are changing the face of playgrounds everywhere and TimberForm-2 and RePlay make it easier than ever. Neighbors using readily available home tools can assemble most structures in less than a day. The need for many concreted posts is dramatically reduced

allowing for much simpler and quicker installation by volunteers.

## How to Use This Catalog

Within the covers of this catalog, you'll find all-new selections of TimberForm-2, RePlay, PipeLine and InterPlay Play Areas. Hundreds of play accessories are also illustrated. All play systems are modular in design and most accessories are interchangeable, between different systems. This modularity provides the opportunity to create a Play Area that will fulfill the uncompromised needs of the users, the specifier and the owner.

The Play Areas presented in this catalog are just the beginning. We encourage choosing features from several models and melding them into your own unique design. Our design team is ready to assist you.

## Custom Design Service

Almost 100 pre-designed Play Areas appear in this catalog, but sometimes a very different solution is desired or required. With talented and experienced staff, Columbia Cascade has always been at the forefront in the creation of custom Play Areas that address specific needs, styles and/or budget considerations. Trained people are available to assist the professional designer or recreator in creating a site-specific custom play facility. Examples of previous creations are shown on the Gallery pages throughout this catalog and even more can be seen by visiting [www.timberform.com](http://www.timberform.com).

## Made in the U.S.A.



Although Columbia Cascade playground equipment is distributed worldwide, all products are fabricated and finished in the USA's Pacific Northwest.

## Regional Representatives

We maintain and support a worldwide network of experienced women and men who are familiar with all of our products and are supported by experienced headquarters personnel. Their expertise and assistance regarding budget concerns, product selection, orientation on the site, correct installation and safety related matters can be very beneficial, particularly during the early planning and specifying stages of a project. Planning, fund-raising aids and supervision for community-built playgrounds is offered by our regional representatives.

Additional product information such as drawings, detailed specifications and price lists, plus wood, plastic and coated metal samples, are also available from your nearby representative.

For the name of the Columbia Cascade Company representative serving your geographic area, telephone us **toll-free at: 1-800/547-1940.**