

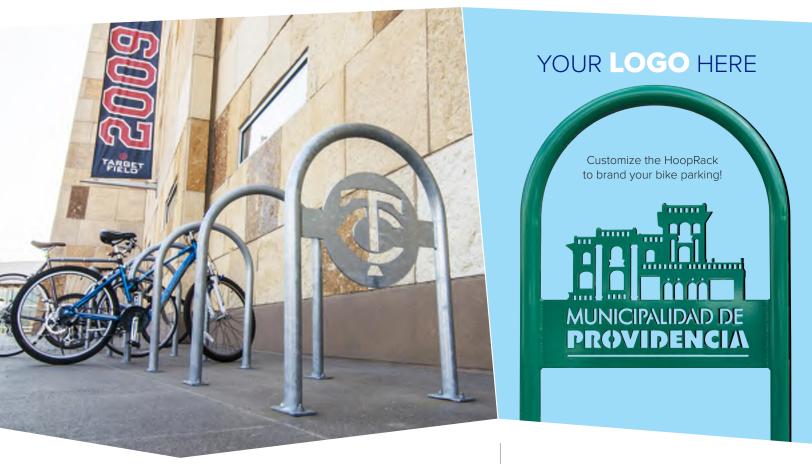


# Hoop Rack

The Hoop Rack is a proven design that provides high security and easy bike parking. The Hoop Rack uses thick pipe construction and the full radius of the bend makes the Hoop an attractive and functional bike rack. This bike rack can also be put on rails for mobility and is popular in bike corrals.

## Hoop Rack



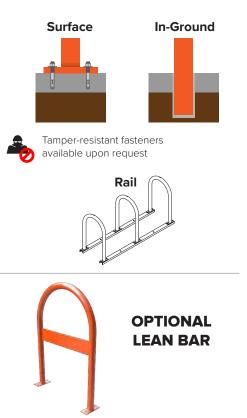


#### Galvanized **Stainless Powder Coat** Light Gray RAL 7042 Deep Red RAL 3003 White Black Yellow RAL 1023 Beige RAL 1001 CNH Bright Orange Iron Gray Hunter Green Yellow RAL 2004 RAL 7011 RAL 6005 Blue RAL 5005 Sky Blue Light Green Green Sepia Brown RAL 6018 RAL 6016 RAL 8014 RAL 5015 Silver Wine Red Bronze Dark Purple Flat Black

RAL 3005

**FINISH OPTIONS** 

#### **MOUNT OPTIONS**

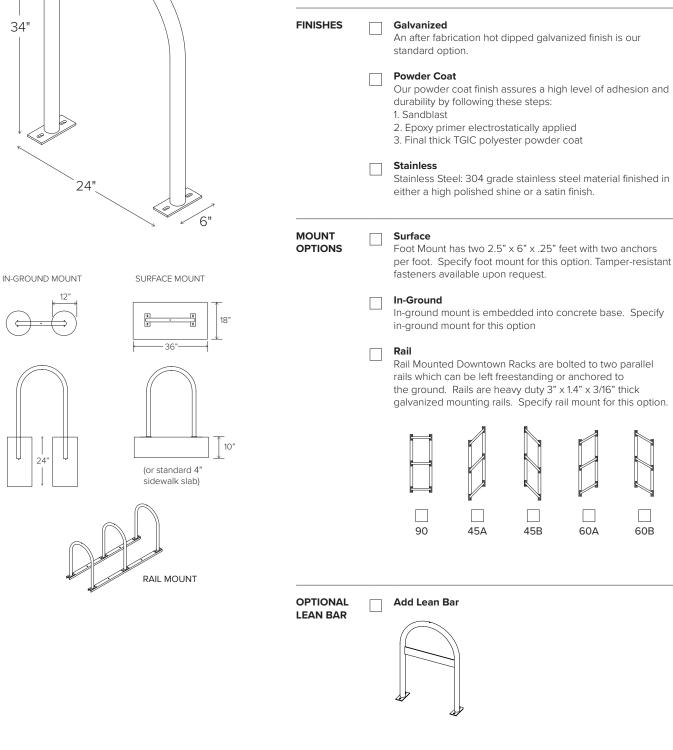


RAL 9007

### **Submittal Sheet**



1.9"



CAPACITY

MATERIALS

2 Bikes

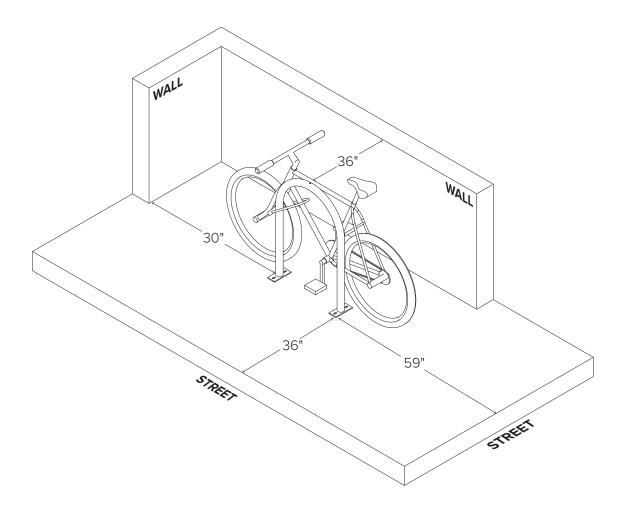
1.5" schedule 40 pipe (1.9" OD)



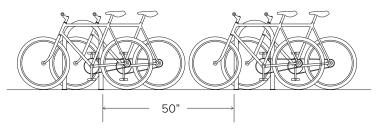
34"

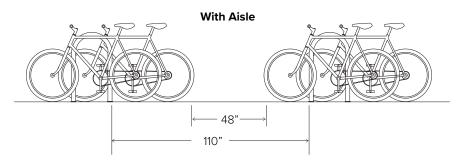
24'





No Aisle







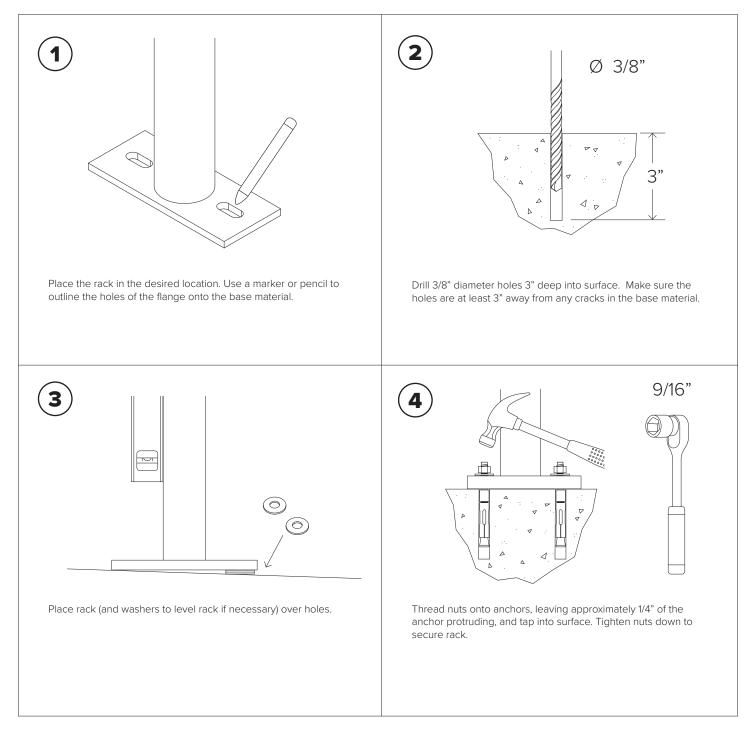


#### **TOOLS NEEDED**

Marker or Pencil Masonry Drill Bit 3/8" Drill (Hammer drill recommended) Hammer Wrench 9/16" Level

#### **RECOMMENDED BASE MATERIAL**

Solid concrete is the best base material for installation. To ensure the proper anchors are shipped with your rack, ask your Dero representative which anchor is appropriate for your application. Be sure nothing is underneath the base material that could be damaged by drilling.



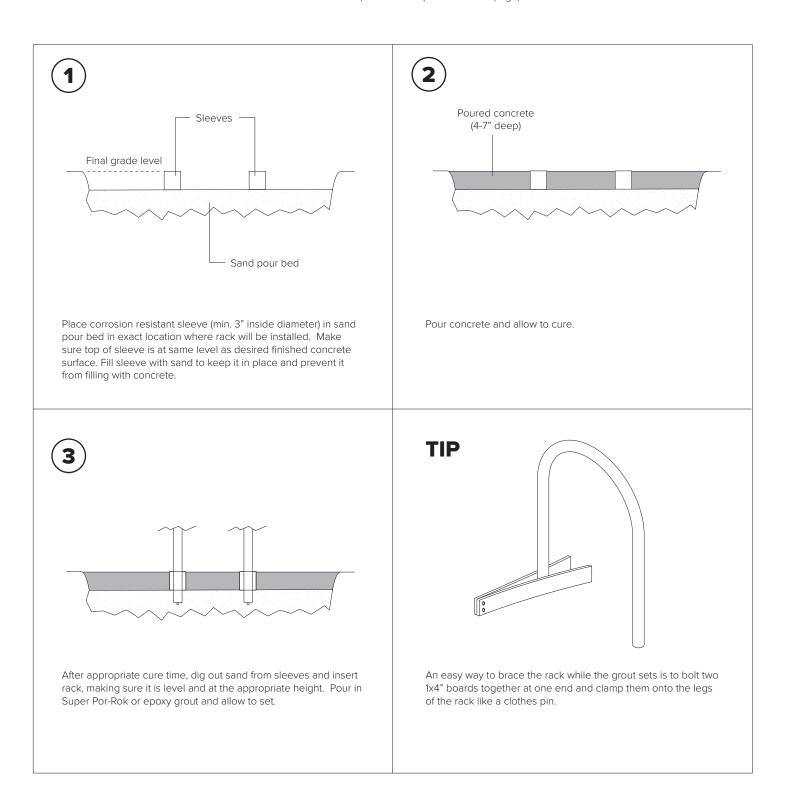


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#### **TOOLS NEEDED**

Level Cement mixing tub Shovel

Trowel Corrosion-Resistant Sleeve (min. 3" diameter) Materials to build brace (see "Install Tip" at bottom of page)



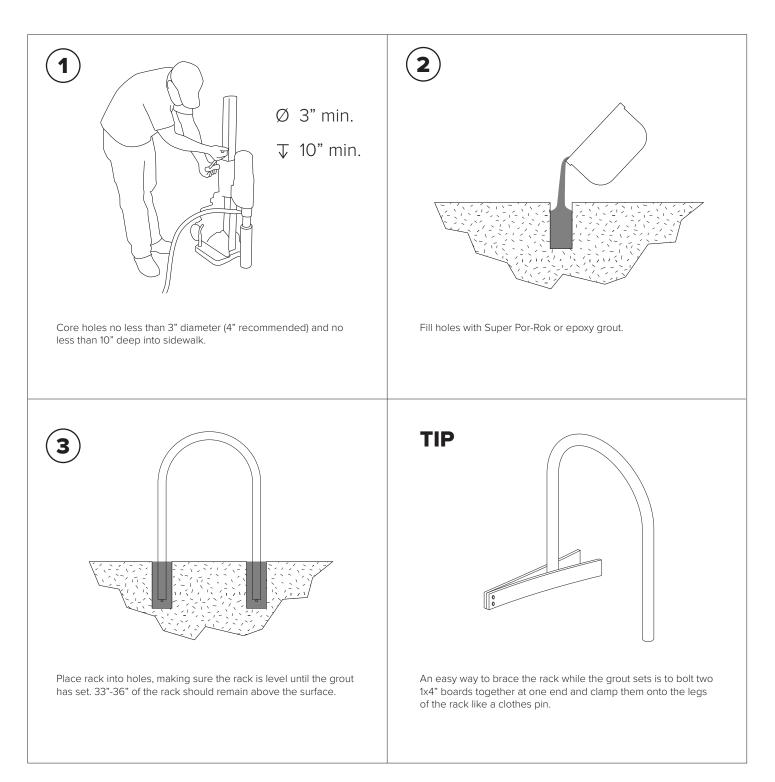




#### **TOOLS NEEDED**

Level Cement mixing tub Shovel Access to water hose

Trowel Hole coring machine with 4" bit Materials to build brace (see "Install Tip" at bottom of page)





#### **RAIL MOUNTED OPTIONS**

Rail mounted Hoop Racks are standard foot mounted racks attached with bolts to a rail as in the diagram at left. Rail mounted racks provide more flexibility than other mounting options while providing the same degree of security.

Rail mounted racks can be left freestanding, or they can be anchored to the ground using several anchors. This option allows for easier snow removal and sweeping. Installation of Rail mounted racks is also much less expensive than embedding the racks into the ground.

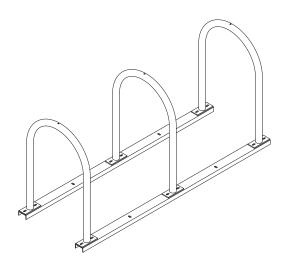
 $^{\ast}$  Note: Though racks may be painted, the rails will remain with only a galvanized finish

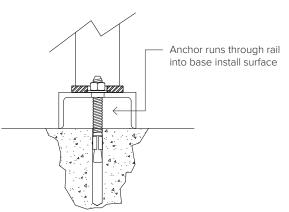
#### **ADVANTAGES:**

- Easier and inexpensive installation
- Can be left freestanding or anchored to the ground
- Easier to remove for sweeping and snow removal

#### **APPLICATIONS:**

- Installation to pavers
- Asphalt Installations
- Ground, dirt, or mulch
- Situations where the rack needs to be moved occasionally



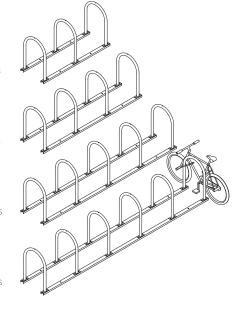


3 Unit Rack 69" Long Parks 6 Bikes

4 Unit Rack 100.5" Long Parks 8 Bikes

5 Unit Rack 132" Long Parks 10 Bikes

6 Unit Rack 163.5" Long Parks 12 Bikes







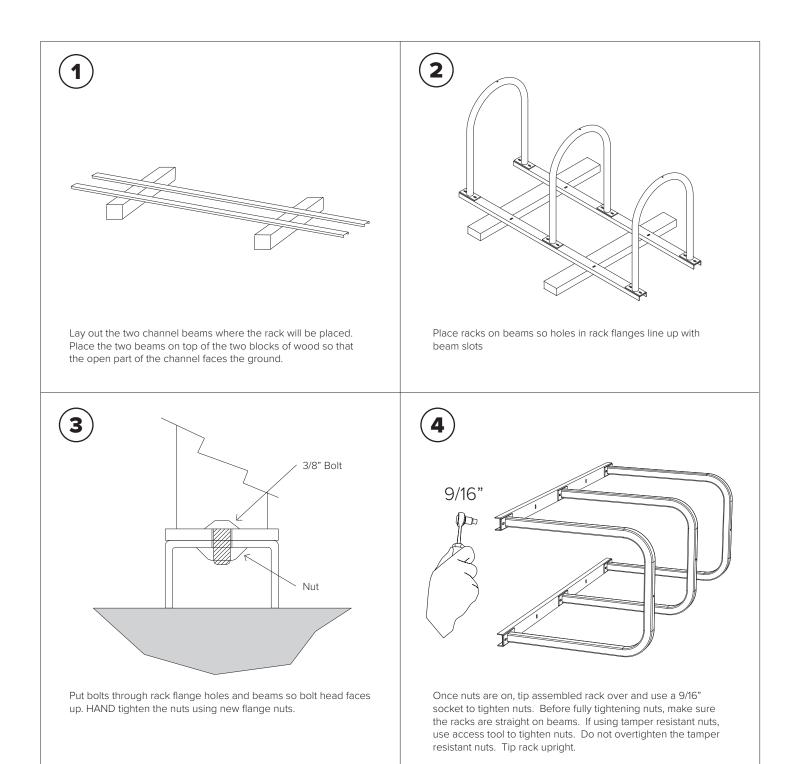
#### **TOOLS NEEDED**

#### 9/16" Socket set

Two 4"x4"x28" (or larger) blocks 4 bolts, nuts and washers for every rack (included). If using a tamper resistant nuts, install two tamper resistant nuts with each rack.

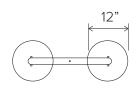
#### ANCHORING THE RAILS

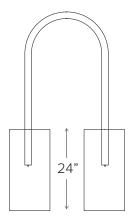
To anchor the rails to concrete, place 3.75" wedge anchor through holes in the rail into the concrete. Secure with nut.



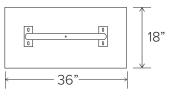


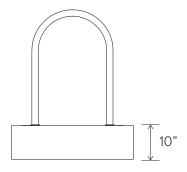
#### IN-GROUND MOUNT





#### SURFACE MOUNT





(or standard 4" sidewalk slab)

## BANCAL Product Data Sheet



Bancal is a modular and versatile bench for public meeting areas. Its flat steel plate structure supports a seat of wide wood boards that provides a large seating area. The optional wood board back is offset from the seat. Bancal is strong and robust in form and function. Virtually maintenance free. It withstands weather and wear with aplomb.

#### Bench

- Bench does not ship fully assembled.
- $\bullet$  Benches must be embedded. Each support has two threaded rods about  $4^{\ast}$  below grade.
- Benches are available backed or backless.
- The back bench has an offset back board.
- Bench is available with or without arms.
- Arms are welded to the support.
- The bench supports and arms come in a powdercoat finish.
- Supports are made of 0.25" carbon steel.
- Available only in Ipe.
- Center seat board is rectangular, outer boards are wedge-shaped.
- Opposing back option is available for the 248" bench.

#### Finishes

- Pangard II Powdercoat Finish.
- Unfinished Wood.

#### Designed by Santa & Cole

Spanish Industrial Design #151, 245

BACKED	STYLE	DEPTH	WIDTH	HEIGHT	PRODUCT WEIGHT
	88"	23"	96"	31"	251 lb
	88" w/ arms	23.5"	96"	31"	270 lb
	168" w/ 88" offset back	23"	176"	31"	387 lb
	168" w/ 88" offset back w/ arms	23.5"	176"	31"	415 lb
	168" w/ 168" offset back	23"	176"	31"	439 lb
	168" w/ 168" offset back w/ arms	23.5"	176"	31"	467 lb

## BANCAL Product Data Sheet



BACKED	STYLE	DEPTH	WIDTH	HEIGHT	PRODUCT WEIGHT
	248" w/ 88" offset back	23"	256"	31"	522 lb
	248" w/ 88" offset back w/ arms	23.5"	256"	31"	561 lb
	248" w/ 168" offset back	23"	256"	31"	575 lb
	248" w/ 168" offset back w/ arms	23.5"	256"	31"	613 lb
	248" w/ 248" offset back	23"	256"	31"	627 lb
	248" w/ 248" offset back w/ arms	23.5"	256"	31"	665 lb
	248" w/ opposing backs	23"	256"	31"	595 lb
	248" w/ opposing backs w/ arms	23.5"	256"	31"	633 lb

## BANCAL Product Data Sheet



BACKLESS	STYLE	DEPTH	WIDTH	HEIGHT	PRODUCT WEIGHT
	88"	20"	88"	18"	180 lb
	88" w/ arms	21.5"	88"	22.5"	198 lb
	168"	20"	168"	18"	315 lb
	168" w/ arms	21.5"	168"	22.5"	343 lb
	248"	20"	248"	18"	451 lb
	248" w/ arms	21.5"	248"	22.5"	489 lb

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## landscapeforms

**Product Data Sheet** 



Landscape Forms pioneered the carousel-style table with attached seating for outdoor space with the design of the popular Carousel Dining Table. Now Carousel reaches new heights with the addition of the Standing Height Table, Casual Height Table, Hoop Lounge Seat and expanded tabletop options. These new elements bring a fresh, casual, and vibrant spirit to settings that support multiple postures and activities. Long a preferred choice for college, corporate and healthcare campuses, the expanded Carousel collection makes it possible to create a suite of complimentary settings, for a range of purposes and interactions, with a common design vocabulary throughout a site.

#### **Casual Height**

- The Carousel table in casual height is available with 3 or 4 seats.
- Seats are available backless, backed, or hoop.
- Supports are formed of 2" steel tubing.
- Umbrella holder is a built-in feature on all supports.
- Available with a 30" table with a height of 22".

#### Mounting Options

- Casual height tables must be surface mounted, and utilizes glides for added stability.
- All tables can be used with all sun shades.

#### Tabletop

- Steelhead and Catena tabletops are formed of heavy gauge steel reinforced with channels beneath.
- · Catena features a rolled edge.
- Wood tabletop has mortise and tenon construction with a steel plate reinforcement, and is available round or square.
- Available with a round or square 30" Marneaux tabletop.
- All tabletops are available with or without umbrella holes.
- Umbrella hole must be specified when ordered; cannot be retrofitted on site.

#### To Specify

- 1. Select Carousel casual height table.
- 2. Select seats: backed, backless, or hoop.
- **3.** If backed or backless seats are selected, choose grid or perforated.
- 4. Select 3 or 4 seat units.
- 5. Select tabletop: Steelhead (wood), Catena powdercoat or stainless steel, Marneaux, or square wood.
- Note: Square wood only available with 3 or 4 seats units
- 6. Specify with or without umbrella hole (may not be retrofitted).
- 7. Choose powdercoat color for metal parts or Marneaux color, if applicable.
- Specify wood type, if applicable. Check Materials link on website for species.
- 9. Casual table is surface mounted.

	Casual Height	Diameter (Of Footprint)	Height (To Top of Seat)	Product Weight		
	3 Seat Backed	94"	33"	148 Lb		
	3 Seat Backless	90"	22"	103 Lb		
	3 Seats Hoop	98"	33"	132 Lb		
	4 Seat Backed	94"	33"	187 Lb		
	4 Seats Backless	94"	22"	127 Lb		
	4 Seats Hoop	98"	33"	165 Lb		
Mounting Style						
Q	Surface Mount					

\*Note: Weights reflect units with grid seats and a catena table top.

**Product Data Sheet** 



#### **Dining Height**

- The Carousel table in dining height are available with 3, 4, 5, or 6 seats.
- Three-seat is ADA compliant and five-seat styles are wheelchair accessible.
- Seats are available backless, backed, or hoop.
- Supports are formed of 2" steel tubing.
- Umbrella holder is a built-in feature on all supports.
- Available with a 42" table with a height of 28.5".

#### **Mounting Options**

- Table can be either freestanding or surface mount. (Note: 3 seat table must be surface mounted.)
- Four, five and six seat styles may be freestanding with glides or surface mounted.
- All tables must be surface mounted when used with all sun shades

#### Tables

- Steelhead and Catena tabletops are formed of heavy gauge steel reinforced with channels beneath.
- Catena features a rolled edge; Steelhead is framed by a 1-1/2" diameter metal tube and may be specified with solid, perforated, or wood top.
- Wood tabletop has mortise and tenon construction with a steel plate for reinforcement, and available round or square.
- Available with a round or Marneaux tabletop.
- All tabletops are available with or without umbrella holes.
- Umbrella hole must be specified when ordered; cannot be retrofitted on site.

#### **To Specify**

- 1. Select Carousel dining height table.
- 2. Select seats: backed, backless, or hoop.
- 3. If backed or backless seats are selected, choose grid or perforated.
- 4. Select 3, 4, 5 or 6 seat units.
- Select tabletop: Steelhead (solid, perforated, or wood), Catena powdercoat or stainless steel, Marneaux, or square wood.
   Note: Square wood only available with 3 or 4 seat units.
- 6. Specify with or without umbrella hole (may not be retrofitted).
- 7. Choose powdercoat color for metal parts or Marneaux color, if applicable.
- 8. Specify wood type, if applicable. Check Materials link on website for species.
- 9. Specify mounting: freestanding with glides, or surface mount.

	Style	Diameter (Of Footprint)	Height (To Top of Seat)	Product Weight	
	3 Seat Backed	86"	33"	172 Lb	
	3 Seat Backless	81"	29"	127 Lb	
	3 Seats Hoop	90"	33"	155 Lb	
	4 Seat Backed	86"	33"	211 Lb	
	4 Seats Backless	81"	29"	152 Lb	
S	4 Seats Hoop	90"	33"	189 Lb	
S.S.	5 Seats Backed	86"	33"	260 Lb	
-S.S	5 Seats Backless	81"	29"	185 Lb	
A.S	6 Seats Backed	86"	33"	290 Lb	
- Sold Sold Sold Sold Sold Sold Sold Sold	6 Seats Backless	81"	29"	200 Lb	
	Mou	nting Style			
Q	Surface Mount	$\mathbb{Q}$	Freestanding with Glides		

\*Note: Weights reflect units with grid seats and a catena table top.

**Product Data Sheet** 



#### **Standing Height**

- The Carousel table in standing height is only available as a 4-seat unit
- Seats are available backless, backed, or hoop.
- Supports are formed of 2" steel tubing.
- Umbrella holder is a built-in feature on all supports.
- Only available with a 30" table.

#### Mounting Options

- Standing height table must be surface mounted.
- All tables can be used with all sun shades.

#### Tables

- Steelhead and Catena tabletops are formed of heavy gauge steel reinforced with channels beneath.
- Catena features a rolled edge; Steelhead is framed by a 1-1/2" diameter metal tube and a wood insert.
- Wood tabletop has mortise and tenon construction with a steel plate for reinforcement, and available round or square.
- Available with a round or square 30" Marneaux tabletop.
- All tabletops are available with or without umbrella holes.
- Umbrella hole must be specified when ordered; cannot be retrofitted on site.

#### **To Specify**

- 1. Select Carousel standing height table.
- 2. Select seats: backed, backless, or hoop.
- **3.** If backed or backless seats are selected, choose grid or perforated.
- 4. Standing height units come standard with 4 seats.
- Select tabletop: Steelhead (wood insert), Catena powdercoat or stainless steel, Marneaux, or square wood.
  - Note: Square wood only available with 3 or 4 seat units
- 6. Specify with or without umbrella hole (may not be retrofitted).
- 7. Choose powdercoat color for metal parts or Marneaux color, if applicable.
- Specify wood type. Check Materials link on website for wood species.
- 9. Standing height table is surface mounted.

	Style	Diameter (Of Footprint)	Height (To Top of Seat)	Product Weight		
A A	4 Seat Backed	76"	44"	214 lb		
- F	4 Seats Backless	72"	42"	154 lb		
	4 Seats Hoop	80"	44"	192 lb		
Mounting Style						
Q	Surface Mount					

\*Note: Weights reflect units with grid seats and a catena table top.

**Product Data Sheet** 



#### Finishes - Table Tops

- All metal is finished with Landscape Forms' proprietary Pangard II® polyester powdercoat, a hard yet flexible finish that resists rusting, chipping, peeling, and fading.
- Call for standard color chart.

4

- Marneaux tabletops are made from a 100% acrylic resin solid surface material.
- Exterior woods are unfinished and will weather to a soft pewter gray. Note: Ipe wood is only available with a wood steelhead table top.
- Interior woods are finished with Landscape Forms' exclusive LF-80 wood finish, a clear, catalyzed acrylic lacquer.

Table Top						
	Steelhead Solid					
	Steelhead Perforated					
	Catena					
	Catena Stainless Steel					
	Marneaux™					
111	Square wood *Available only with 3 or 4 seat units					
	Steelhead Wood					

**Product Data Sheet** 



#### **Finishes - Seating**

- All metal is finished with Landscape Forms' proprietary Pangard II<sup>®</sup> polyester powdercoat, a hard yet flexible finish that resists rusting, chipping, peeling, and fading.
- Seating is available backed, backless, or grid.
- Grid seating is available with backed, backless, or grid.
- Perforated seating is only available with backed or backless.

#### Designed by Landscape Forms

Carousel is protects by U.S. Patent No. D820,019.

Se	ats
	Backed Grid
	Backed Perforated
	Backless Grid
	Backless Perforated
	Hoop Seat

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## landscapeforms



Solstice performs variations on the shape of shade. Cygnus hovers, gesturing gracefully. Altair quietly shields with a traditional form. All styles are highly durable, wind and weather resistant, and maintenance free. They are as elegant on the inside as they are out; as whimsical and colorful as the setting calls them to be.

#### Solstice™

- Solstice shade panels are solid or perforated aluminum, mounted in an extruded aluminum frame.
- Struts are extruded aluminum.
- Top cap, strut ring and end caps are aluminum castings.
- Surface mount stand is steel.

#### **Mounting Options**

- When used with a Landscape Forms table, Solstice must be mounted to the table, which in turn must be mounted to, or embedded in, a hard surface.
- If used with a table other than those offered by Landscape Forms, Solstice must be anchored to our surface-mounted stand.
- Solstice may also be used without a table, but must be secured in our surface-mounted stand.

#### **Panel Mount**

- Aluminum panels are mounted in notched, extruded aluminum frame pieces.
- End caps are aluminum castings.

#### Surface Mount

- Stand includes two stainless steel bolts to hold the Solstice pole in place and must be used when Solstice sun shade is not mounted to a Landscape Forms table.
- Anchoring hardware not included.

Style Diameter	Diameter	Height	Product Weight
Altair	87"	91"	77 lb
Cygnus	91"	91"	85 lb

# Mounting Options Surface Mount Stand

**Solstice**<sup>™</sup>

**Product Data Sheet** 



#### **Metal Finishes**

 All metal parts are finished with Landscape Forms' exclusive Pangard II® polyester powdercoat – a hard, yet flexible, finishing process that resists rusting, chipping, peeling and fading.

#### To Specify

- Specify Altair or Cygnus sun shade.
- Select perforated or solid panels, and powdercoat color(s).
- Specify to mount in Landscape Forms surface mount or embedded table.
- Specify surface mount stand if using with table other than those supplied by Landscape Forms, or if used without a table.
- Specify color for stand.

Designed by Robert Chipman, ASLA

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# FOR A BETTER TOMORROW

shapedbyplay.com

## SkyWays® Triangle Sail (20' x 20' x 20') Shade March 29, 2018 Model #237677



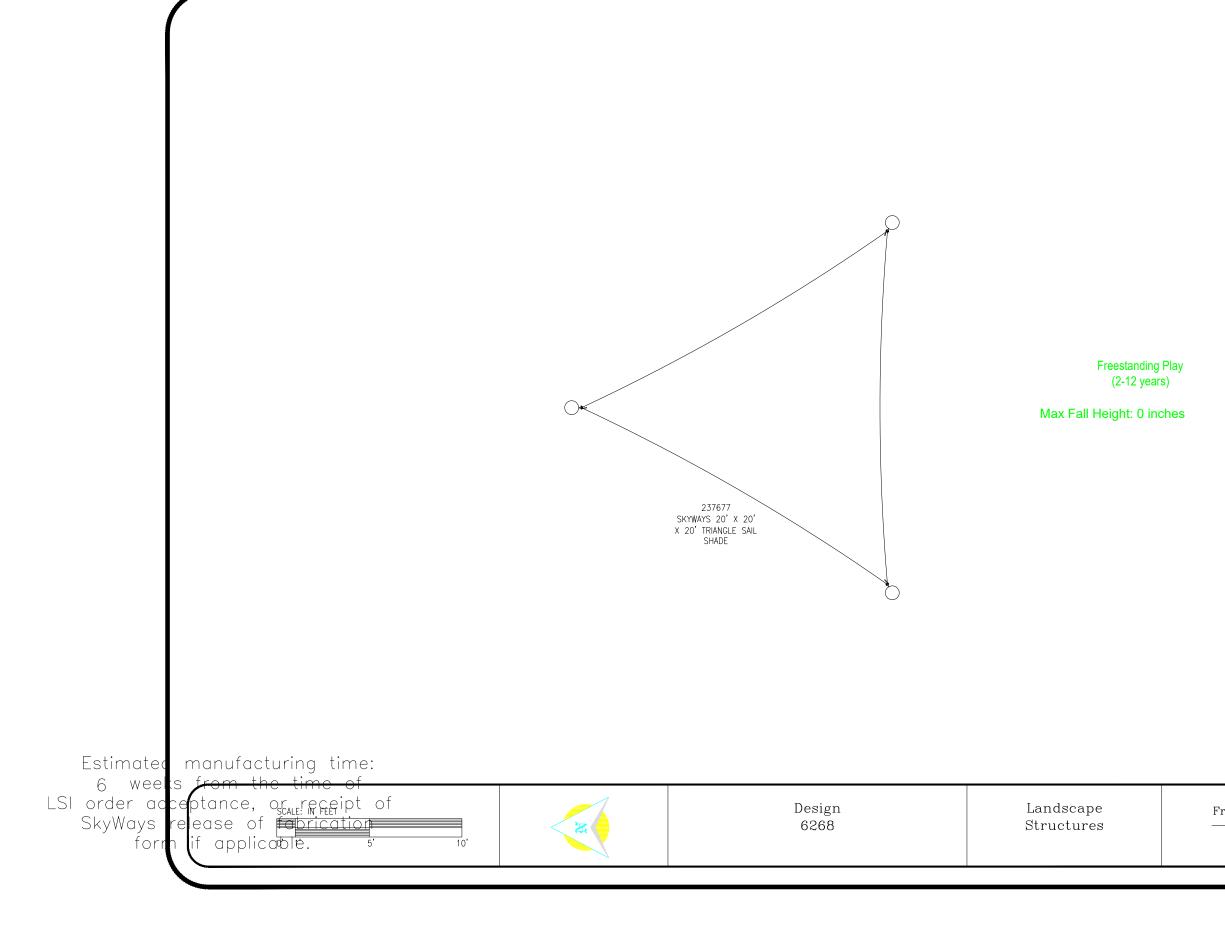
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Iandscape structures
IT IS THE MANUFACTURERS OPINION AND INTENT THAT THE USE AND LAYOUT OF THESE COMPONENTS CONFORM WITH THE AMERICAN SOCIETY FOR TESTING AND WATERIALS (ASTM) STANDARD ASTM F148;
THIS PLAY AREA & PLAY EQUIPMENT IS DESIGNED FOR AGES 2-12 YEARS UNLESS OTHERWISE NOTED ON PLAN.
THIS CONCEPTUAL PLAN WAS PASED ON INFORMATION AVAILABLE TO U.S. PRIOR TO CONSTRUCTION, DEVILED STIE INFORMATION NICLUDINS STIE DIMENSIONS, TOPOGRAPHY EXISTI UTLITES, SOLL CONDITIONS, AND DRIANAGE SOLUTIONS SHOULD BE OBTIANED, EVALUATED, & UTLIZED IN THE FINAL DESICN, PLASEY VERTY AL DIMENSIONS OF PLAY AREA, SIZE, ORIENTATION, AN LICCATION OF ALL EXISTING UTLITES, COUPMENT, AND SITE FURNISHINGS PRIOR TO ORDERING. SLID SHOULD NOT FACE THE HOT AFTERNOON SUN. CHOOSE A PROTECTIVE SURFACING MATERIAL THAT HAS A CRITICAL HEIGHT VALUE TO MEET THE MAXIMUM FALL HEIGHT FOR THE COUPMENT (REF. ASTM THAP STANARD CONSUME SYFETY PERFORMANCE SPECIFICATION FOR FUNGROUMD EQUIVENT FOR PUBLIC USE, SECTION & CURREN REVISION). THE SUBJURGE MUST BE WELL DRAMED, F HE SUBLORG MUST BE WELL DRAMED, F HE SUBLORG MUST BE WELL IT MUST BE TILED OR SLOPED 1/8" TO 1/4" PET FOOT TO A STORM SEWER OR A "FRENCH DRAM"
DESIGNED BY: COPYRIGHT: 7/03/19 LANDSCAPE STRUCTURES, INC. 601 7th STREET SOUTH - P.O. BOX 198 DELANO, MINNESOTA 55328 PH: 1-00-528-0035 FAX: 1-763-972-6091





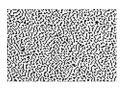


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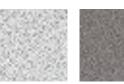
## Arcana™

## ENDURACOLOR









CORVARA

LUGANO

MODENA



	Bundle Type	SINGLE	SINGLE	SINGLE
		24 x 24	18 x 24	12 x 24
	Thickness (mm)	50MM	50MM	50MM
	Dimension mm	606mm x 606mm x 50mm	453mm x 606mm x 50mm	301mm x 606mm x 50mm
	Dimension Imperial	23 7/8" x 23 7/8" x 2"	17 7/8" x 23 7/8" x 2"	11 7/8" x 23 7/8" x 2"
	Bundle	72.00	54.00	36.00
	Layer	8.00000	6.00000	4.00000
SQFT PER	Section	-	-	-
	Stone	4.00	3.00	2.00
	Layers	9.00	9.00	9.00
PER BUNDLE	Sections	9.00	-	9.00
	Cooliono			
	SqFt	0.50	0.50	0.49
SOLDIER LNFT PER	Section	-	-	-
JOLDIER LINFT PER	Layer	3.98	2.97	1.98
	Bundle	35.79	26.75	17.78
	SqFt	0.50	0.66	0.99
	Section	-	0.00	0.00
SAILOR LNFT PER	Layer	3.98	3.98	3.98
	Bundle	35.79	35.79	35.79
	SqFt	0.25	0.33	0.50
UNITS PER	Section	-	-	-
	Bundle	18.00	18.00	18.00
	Layer	192	144	96
LBS PER	Section	-	-	-
	Bundle	1,728	1,296	864



X & T Slab Spacers Bagged Separately (see page 90)



23% x 23% x 2" 606 x 606 x 50mm

237⁄8 x 177⁄8 x 2" 606 x 453 x 50mm



23% x 11% x 2" 606 x 301 x 50mm

#### **ADVANTAGES**

EASYCLEAN™

Factory sealed to provide integral surface protection from stains

Notes: **SOLD IN FULL BUNDLES ONLY** and is produced and sold on a required and refundable skid. Unilock offers adjustable and stackable pedestal systems; please contact your Territory Manager for pricing and availability. Product is not intended for vehicular applications. Please refer to to the Polymeric Sand Best Practices on page 96 and Important Notice on page 99. All measurements are nominal. Unilock recommends to install Arcana using T and X Slab spacers - see page 90. Please contact your sales manager for more information.

Internal Use Only. ARC CH