

Play Fundamentals

International Collection

Equipment Manufacturer



IPL-1432

AGES: 3-14

PLAY EVENTS: 10

USE ZONES: 8,31m x 9,10m

WEIGHT: 676 kg

SIZE: 4,57m x 5,52m x 4,36m

CAPACITY: 25

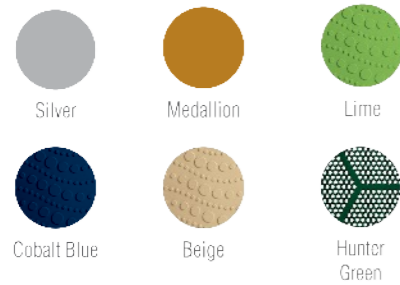
TO INSTALL: 29,25 hours

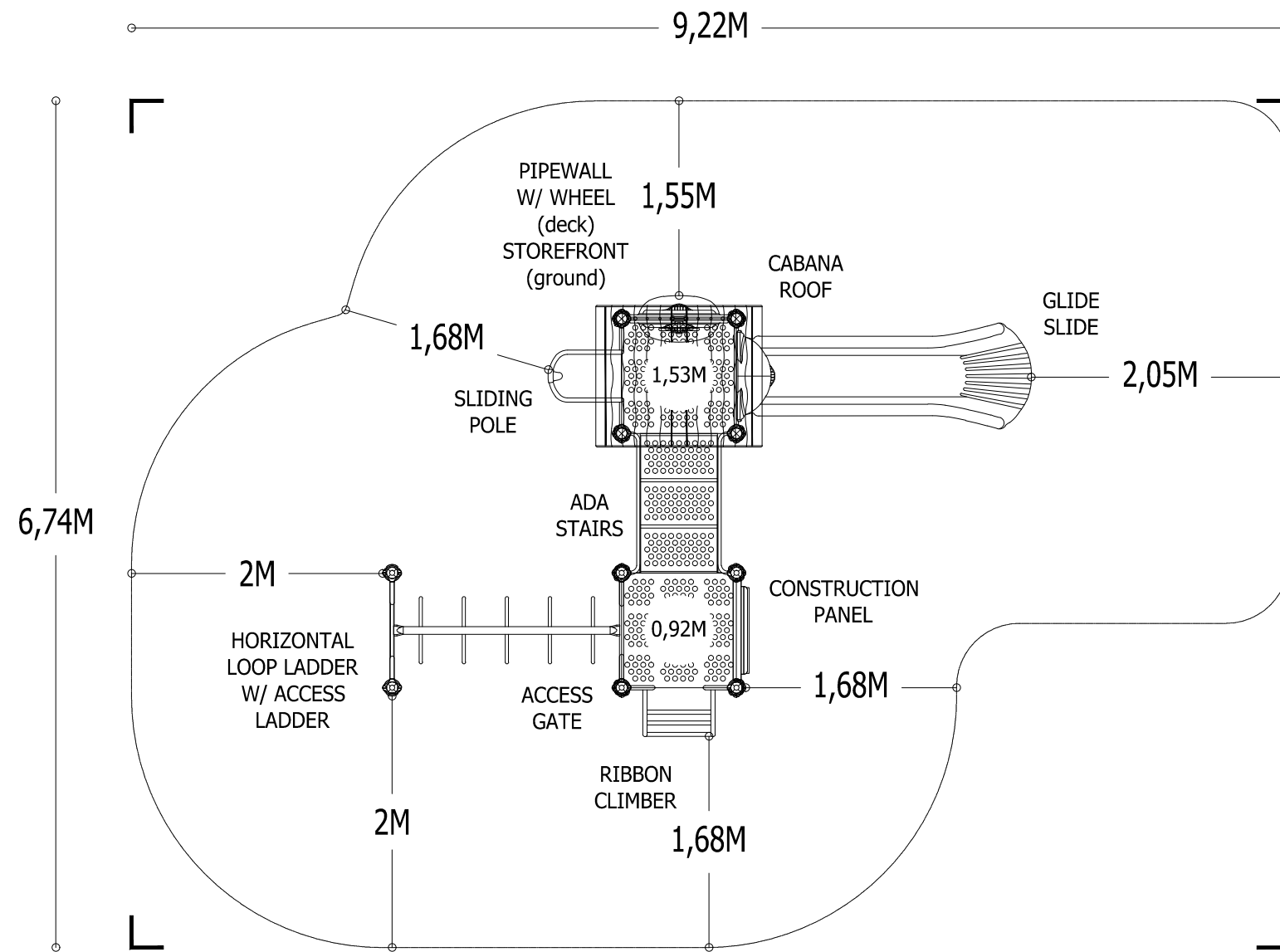


FRONT



BACK





PLAYWORLD SYSTEMS, INC.
 1000 Buffalo Road
 Lewisburg, PA
 17837-9795 USA

EQUIPMENT SIZE:
5,17M x 3,51M x 4,36M

USE ZONE:
9,22M x 9,74M

AREA: **49.02M²** PERIMETER: **27,86M**

FALL HEIGHT:
2,2M

USER CAPACITY: **22** AGE GROUP: **3-14**

EN-1176

PROJECT NO:
IPL-1433B

SCALE:
1:50

DRAWN BY:
I. PERKINS

Paper Size

DATE:
04-FEB-16

A3

*PLAYGROUND SUPERVISION REQUIRED

IPL-1433
 CATALOG PRE-DESIGN

IPL-1433B

Design Number: IPL-1433B - Bill Of Material

Ref. No.	Part No.	Description	Quantity
Posts			
1	ZZCH0018	3.5in OD x 124in STEEL POST W/RIVETED CAP	2
2	ZZCH0028	3.5in OD x 136in STEEL POST W/ RIVETED CAP	4
3	ZZCH0069	3.5in OD x 184in STEEL POST W/O CAP	4
Decks & Kick Plates			
4	ZZCH0616	SQUARE COATED DECK ASSEMBLY	2
Slides			
5	ZZCH2658	GLIDE SLIDE (60in DECK)	1
6	ZZCH8080	SLIDING POLE (60in DECK)	1
Activity Panels			
7	ZZCH4646	STORE FRONT PANEL	1
8	ZZCH4807	OVAL INSERT PANEL (DECK MOUNT)	1
9	ZZUN4299	STEERING WHEEL (CH/EX PIPE WALL MOUNT FOR 4in CENTERS)	1
10	ZZUN4793	CONSTRUCTION PANEL INSERT	1
Barriers			
11	ZZCH4095	CENTERLINE PIPE WALL BARRIER	1
12	ZZCH4288	ACCESS GATE	1
Climbers			
13	ZZCH8289	RIBBON CLIMBER (36in DECK)	1
Overhead Events			
14	ZZCH5780	6ft HORIZONTAL LOOP LADDER	1
15	ZZCH5960	OVERHEAD EVENT ACCESS LADDER (24in DECK)	1
Roofs & Arches			
16	ZZCH9846	CABANA ROOF	1
Stairs and Ladders			
17	ZZCH9170	24in ACCESS STEPPED PLATFORM (DECK TO DECK)	1
Additional Tool & Maintenance Kits			
18	ZZCHGUID	CHALLENGER GUIDELINES	1
19	ZZUN9910	SURFACING WARNING LABEL KIT	1
20	ZZUN9935	PIPE SYSTEMS MAINTENANCE KIT W/O AEROSOL	1
21	ZZUN9995	TOOL AND ADDITIONAL PARTS KIT W/O AEROSOL	1
22	ZZXX0049	EN & JPFA HOLE PLUG KIT FOR ECO-ARMOR (150 COUNT)	1
23	ZZXX0109	EN-1176 LABEL	1

IPL-1433B

Post/Installation: Steel-Footed

Design Number: IPL-1433B - Pricing Schedule
2016 Pricing

Ref. No.	Part No.	Qty.	Description	Unit Weight (lbs)	Unit List (US\$)	Total Weight (lbs)	Total List (US\$)
Modular Playscape:							
Posts							
1	ZZCH0018	2	3.5in OD x 124in STEEL POST W/RIVETED CAP	38.91	164.00	77.82	328.00
2	ZZCH0028	4	3.5in OD x 136in STEEL POST W/ RIVETED CAP	43.51	175.00	174.04	700.00
3	ZZCH0069	4	3.5in OD x 184in STEEL POST W/O CAP	56.71	167.00	226.84	668.00
Decks & Kick Plates							
4	ZZCH0616	2	SQUARE COATED DECK ASSEMBLY	54.86	791.00	109.72	1,582.00
Slides							
5	ZZCH2658	1	GLIDE SLIDE (60in DECK)	135.48	1,464.00	135.48	1,464.00
6	ZZCH8080	1	SLIDING POLE (60in DECK)	57.73	669.00	57.73	669.00
Activity Panels							
7	ZZCH4646	1	STORE FRONT PANEL	33.98	641.00	33.98	641.00
8	ZZCH4807	1	OVAL INSERT PANEL (DECK MOUNT)	28.16	530.00	28.16	530.00
9	ZZUN4299	1	STEERING WHEEL (CH/EX PIPE WALL MOUNT FOR 4in CENTERS)	5.29	125.00	5.29	125.00
10	ZZUN4793	1	CONSTRUCTION PANEL INSERT	27.44	1,034.00	27.44	1,034.00
Barriers							
11	ZZCH4095	1	CENTERLINE PIPE WALL BARRIER	28.74	363.00	28.74	363.00
12	ZZCH4288	1	ACCESS GATE	17.34	278.00	17.34	278.00
Climbers							
13	ZZCH8289	1	RIBBON CLIMBER (36in DECK)	35.02	526.00	35.02	526.00
Overhead Events							
14	ZZCH5780	1	6ft HORIZONTAL LOOP LADDER	55.72	565.00	55.72	565.00
15	ZZCH5960	1	OVERHEAD EVENT ACCESS LADDER (24in DECK)	23.52	339.00	23.52	339.00
Roofs & Arches							
16	ZZCH9846	1	CABANA ROOF	76.05	956.00	76.05	956.00
Stairs and Ladders							
17	ZZCH9170	1	24in ACCESS STEPPED PLATFORM (DECK TO DECK)	135.24	1,845.00	135.24	1,845.00
Additional Tool & Maintenance Kits							
18	ZZCHGUID	1	CHALLENGER GUIDELINES	0	0.00	0.00	0.00
19	ZZUN9910	1	SURFACING WARNING LABEL KIT	0.05	0.00	0.05	0.00
20	ZZUN9935	1	PIPE SYSTEMS MAINTENANCE KIT W/O AEROSOL	0	0.00	0.00	0.00
21	ZZUN9995	1	TOOL AND ADDITIONAL PARTS KIT W/O AEROSOL	0	0.00	0.00	0.00
22	ZZXX0049	1	EN & JPFA HOLE PLUG KIT FOR ECO-ARMOR (150 COUNT)	4.51	0.00	4.51	0.00



IPL-1433B

Post/Installation: Steel-Footed

Design Number: IPL-1433B - Pricing Schedule
2016 Pricing

Ref. No.	Part No.	Qty.	Description	Unit Weight (lbs)	Unit List (US\$)	Total Weight (lbs)	Total List (US\$)
23	ZZXX0109	1	EN-1176 LABEL	0.01	0.00	0.01	0.00
						Total:	1,252.70 12,613.00
Independent Items:							
						Total:	0.00 0.00
Grand Total:						1,252.70	12,613.00

Please Note:

1. When placing an order for this project, the drawing number is representative of the Playmakers, Challengers or Explorers playstructure only. Items listed under 'Independent Items' must be listed on your purchase order separately to be included.



IPL-1433B

Design Number: IPL-1433B - Compliance and Technical Data

Reference Document: EN1176:2008

Ref. No.	Part No.	Qty.	Description	Unit EN Status	Total Weight (lbs)	Pre-Consumer Recycled Content (lbs)	Post-Consumer Content (lbs)	CO2e Footprint (kgs)	Users	Install Hours	Concrete (Yds3)	Active Play Events
1	ZZCH0018	2	3.5in OD x 124in STEEL POST W/RIVETED CAP	Certified	77.82			108	0	2.00	0.25	0
2	ZZCH0028	4	3.5in OD x 136in STEEL POST W/ RIVETED CAP	Certified	174.04			234	0	4.00	0.50	0
3	ZZCH0069	4	3.5in OD x 184in STEEL POST W/O CAP	Certified	226.84			292	0	4.00	0.50	0
4	ZZCH0616	2	SQUARE COATED DECK ASSEMBLY	Certified	109.72			348	6	2.00	0.00	0
5	ZZCH2658	1	GLIDE SLIDE (60in DECK)	Certified	135.48			562	2	2.00	0.03	1
6	ZZCH8080	1	SLIDING POLE (60in DECK)	Certified	57.73			159	1	1.50	0.03	1
7	ZZCH4646	1	STORE FRONT PANEL	Certified	33.98			243	3	1.00	0.00	1
8	ZZCH4807	1	OVAL INSERT PANEL (DECK MOUNT)	Certified	28.16			211	0	0.50	0.00	0
9	ZZUN4299	1	STEERING WHEEL (CH/EX PIPE WALL MOUNT FOR 4in CENTERS)	Certified	5.29			27	1	0.25	0.00	1
10	ZZUN4793	1	CONSTRUCTION PANEL INSERT	Certified	27.44			384	1	0.50	0.00	1
11	ZZCH4095	1	CENTERLINE PIPE WALL BARRIER	Certified	28.74			71	0	0.50	0.00	0
12	ZZCH4288	1	ACCESS GATE	Certified	17.34			65	0	0.50	0.00	0
13	ZZCH8289	1	RIBBON CLIMBER (36in DECK)	Certified	35.02			101	2	1.50	0.06	1
14	ZZCH5780	1	6ft HORIZONTAL LOOP LADDER	Certified	55.72			124	4	1.00	0.00	1
15	ZZCH5960	1	OVERHEAD EVENT ACCESS LADDER (24in DECK)	Certified	23.52			69	1	1.50	0.06	0
16	ZZCH9846	1	CABANA ROOF	Certified	76.05			390	0	0.50	0.00	0
17	ZZCH9170	1	24in ACCESS STEPPED PLATFORM (DECK TO DECK)	Certified	135.24			296	1	2.00	0.00	0
18	ZZCHGUID	1	CHALLENGER GUIDELINES	N/A	0.00			1	0	0.25	0.00	0
19	ZZUN9910	1	SURFACING WARNING LABEL KIT	N/A	0.05			1	0	0.25	0.00	0
20	ZZUN9935	1	PIPE SYSTEMS MAINTENANCE KIT W/O AEROSOL	N/A				57				
21	ZZUN9995	1	TOOL AND ADDITIONAL PARTS KIT W/O AEROSOL	N/A				42				
22	ZZXX0049	1	EN & JPFA HOLE PLUG KIT FOR ECO-ARMOR (150 COUNT)	Certified	4.51			158	0	0.00	0.00	0



IPL-1433B

Design Number: IPL-1433B - Compliance and Technical Data

Reference Document: EN1176:2008

Ref. No.	Part No.	Qty.	Description	Unit EN Status	Total Weight (lbs)	Pre-Consumer Recycled (lbs)	Post-Consumer Content (lbs)	CO2e Footprint (kgs)	Users	Install Hours	Concrete (Yds3)	Active Play Events
23	ZZXX0109	1	EN-1176 LABEL	Certified	0.01			0	0	0.50	0.00	0
Totals:					1,252.70	173	354	3,941	22	26.25	1.43	7
					563.72 Kg	78 Kg	159 Kg	4 Metric Tons				1.09 m3



IPL-1433B

Design Number: IPL-1433B - Compliance and Technical Data

Reference Document: EN1176:2008

Ref. No.	Part No.	Qty.	Description	Unit EN Status	Total Weight (lbs)	Pre-Consumer Recycled Content (lbs)	Post-Consumer Content (lbs)	CO2e Footprint (kgs)	Users	Install Hours	Concrete (Yds3)	Active Play Events
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EN1176:2008

This custom structure, drawing number IPL-1433B, has been designed to meet the general safety requirements of EN1176:2008. These requirements have been established with the consideration of the risk factor on available data. The items listed as certified have been reviewed and approved by a third party certification service. In addition to the product listing the overall layout and design of this structure, as shown in the plan, was completed in accordance with the general safety requirements of EN1176:2008.

Installation Times

Installation times are based on one experienced installer. A crew of three experienced individuals can perform the installation within the given time, each member working 1/3 of the given hours. [E.g. Installation Time = 30 hours. For a crew of three, each member will work 10 hours on the installation for a total of 30 hours on the project.]

Carbon Footprint

The CO2e (carbon footprint given in Kilograms and Metric Tons) listed above is a measure of the environmental impact this play structure represents from harvesting raw materials to the time it leaves our shipping dock. Playworld Systems nurtures a total corporate culture that is focused on eliminating carbon producing processes and products, reducing our use of precious raw materials, reusing materials whenever possible and recycling materials at every opportunity. Playworld Systems elected to adopt the Publicly Available Specification; PAS 2050 as published by the British Standards Institute and sponsored by Defra and the Carbon Trust. The PAS 2050 has gained international acceptance as a specification that measures the greenhouse gas emissions in services and goods throughout their entire life cycle.

Pre-Consumer Recycle Content

A measurement, in pounds, that qualifies the amount of material that was captured as waste and diverted from landfill during an initial manufacturing process and is being redirected to a separate manufacturing process to become a different product. E.g. 100% of our Aluminum Tubing is made from captured waste material during the manufacturing process of extruded Aluminum products such as rods, flat bars and H-channels.

Post-Consumer Recycle Content

A measurement, in pounds, that qualifies the amount of material that was once another product that has completed its lifecycle and has been diverted from a landfill as a solid waste through recycling and is now being used in a Playworld Systems' product. E.g. **20% to 40% of the steel in our steel tubing and sheet steel have been diverted from landfills. Automobiles are scrapped and recyclable steel is purchased by the steel mill that produces our raw product.

** The amount of Post-Consumer recycled steel fluctuates daily based on the availability of the recycled steel.

