

Play Fundamentals

International Collection

Equipment Manufacturer



IPL-1428

AGES: 3-14

PLAY EVENTS: 10

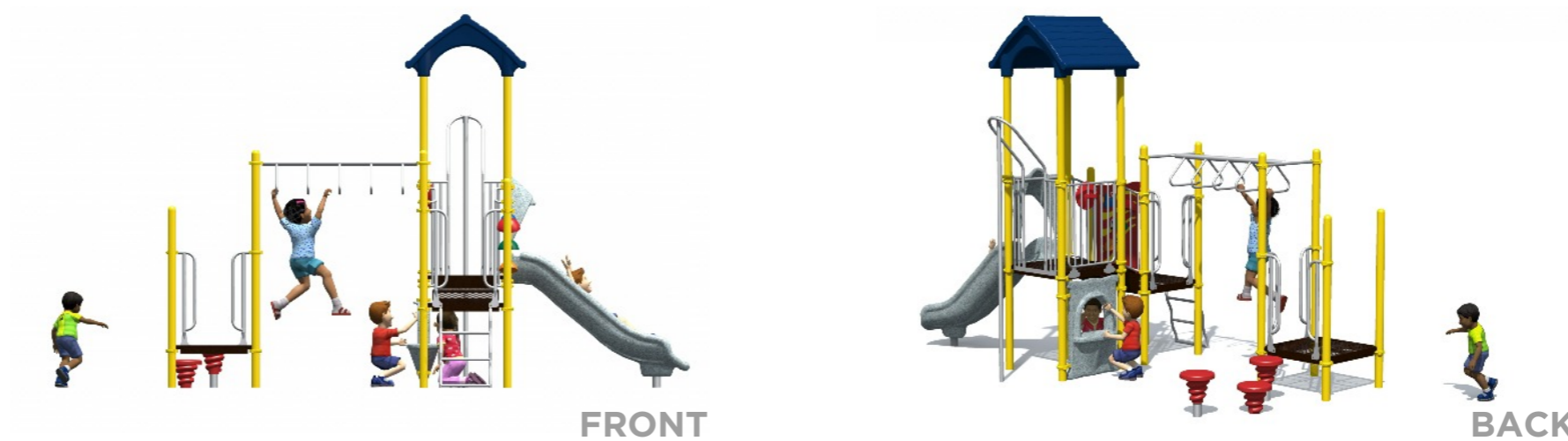
USE ZONES: 9,32m x 6,45m

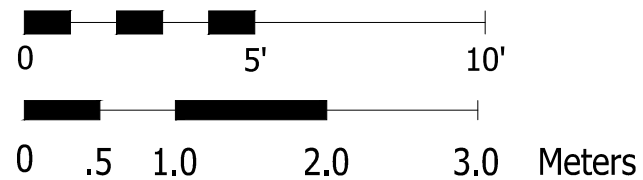
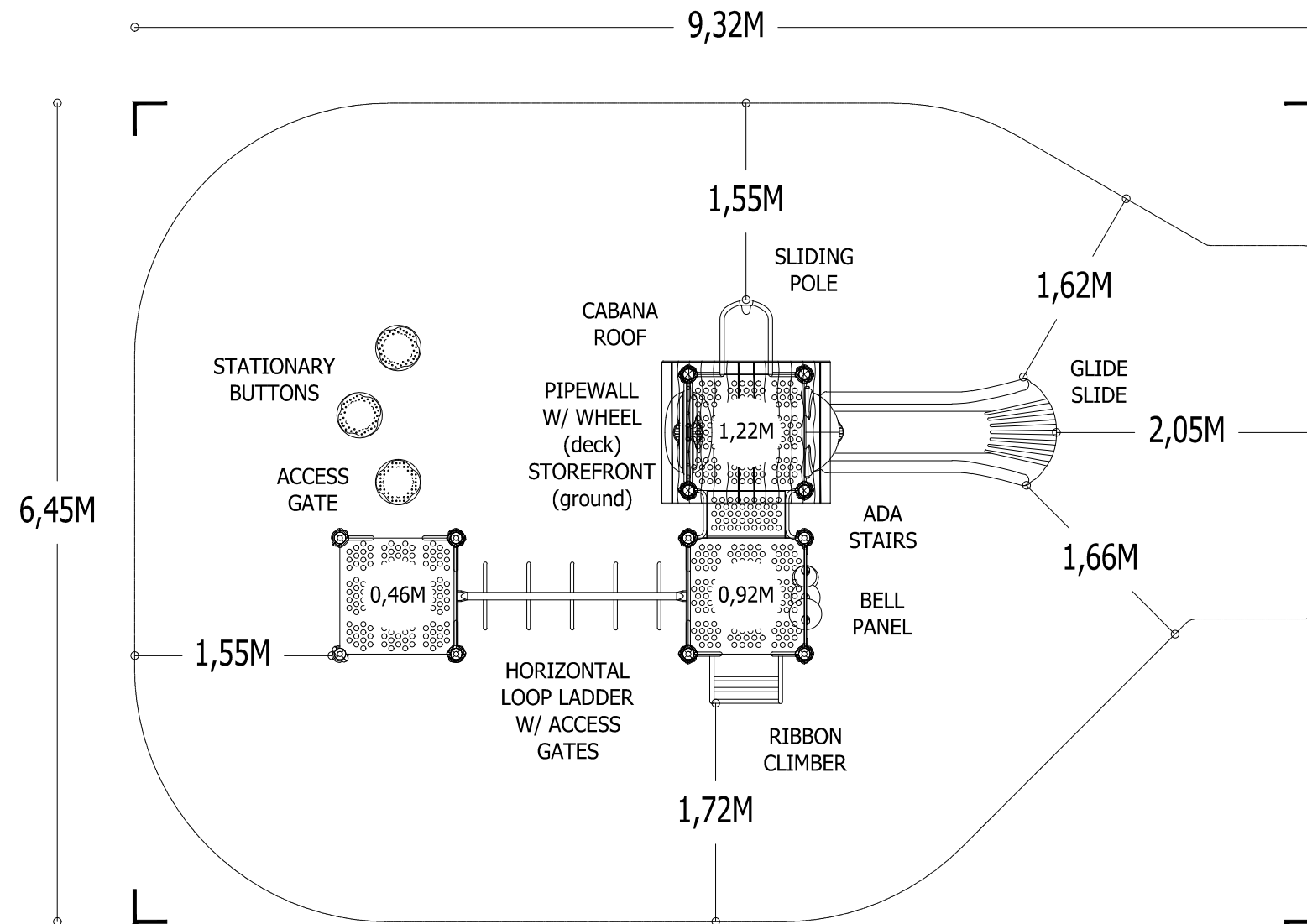
WEIGHT: 613 kg

SIZE: 5,71m x 3,18m x 4,06m

CAPACITY: 29

TO INSTALL: 31 hours





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

EQUIPMENT SIZE:
5,71M x 3,18M x 4,06M

USE ZONE:
9,32M x 6,45M

AREA: **50,96M²** PERIMETER: **27,39M**

FALL HEIGHT:
2,2M

USER CAPACITY: **29** AGE GROUP: **3-14**

EN-1176

PROJECT NO: **IPL-1428B** SCALE: **1:50**

DRAWN BY: **I. PERKINS** Paper Size

DATE: **04-FEB-16** **A3**

*PLAYGROUND SUPERVISION REQUIRED

IPL-1428
 CATALOG PRE-DESIGN

IPL-1428B

Design Number: IPL-1428B - Bill Of Material

Ref. No.	Part No.	Description	Quantity
Posts			
1	ZZCH0009	3.5in OD x 112in STEEL POST W/RIVETED CAP	2
2	ZZCH0018	3.5in OD x 124in STEEL POST W/RIVETED CAP	2
3	ZZCH0028	3.5in OD x 136in STEEL POST W/ RIVETED CAP	4
4	ZZCH0059	3.5in OD x 172in STEEL POST W/O CAP	4
Decks & Kick Plates			
5	ZZCH0616	SQUARE COATED DECK ASSEMBLY	3
Slides			
6	ZZCH3126	GLIDE SLIDE (48in DECK)	1
7	ZZCH8070	SLIDING POLE (48in DECK)	1
Activity Panels			
8	ZZCH4646	STORE FRONT PANEL	1
9	ZZUN4299	STEERING WHEEL (CH/EX PIPE WALL MOUNT FOR 4in CENTERS)	1
Barriers			
10	ZZCH4095	CENTERLINE PIPE WALL BARRIER	1
11	ZZCH4288	ACCESS GATE	3
Climbers			
12	ZZCH8289	RIBBON CLIMBER (36in DECK)	1
Overhead Events			
13	ZZCH5780	6ft HORIZONTAL LOOP LADDER	1
Balance			
14	ZZUN7140	STATIONARY BUTTONS (12in)	1
15	ZZUN7146	STATIONARY BUTTONS (18in)	2
Audible Activities			
16	ZZCH4588	BELL PANEL	1
Roofs & Arches			
17	ZZCH9846	CABANA ROOF	1
Stairs and Ladders			
18	ZZCH9168	12in ACCESS STEPPED PLATFORM (DECK TO DECK)	1
Additional Tool & Maintenance Kits			
19	ZZCHGUID	CHALLENGER GUIDELINES	1
20	ZZUN9910	SURFACING WARNING LABEL KIT	1
21	ZZUN9935	PIPE SYSTEMS MAINTENANCE KIT W/O AEROSOL	1
22	ZZUN9995	TOOL AND ADDITIONAL PARTS KIT W/O AEROSOL	1
23	ZZXX0049	EN & JPFA HOLE PLUG KIT FOR ECO-ARMOR (150 COUNT)	1
24	ZZXX0109	EN-1176 LABEL	1

IPL-1428B

Post/Installation: Steel-Footed

Design Number: IPL-1428B - 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	ZZCH0009	2	3.5in OD x 112in STEEL POST W/RIVETED CAP	35.4	155.00	70.80	310.00
2	ZZCH0018	2	3.5in OD x 124in STEEL POST W/RIVETED CAP	38.91	164.00	77.82	328.00
3	ZZCH0028	4	3.5in OD x 136in STEEL POST W/ RIVETED CAP	43.51	175.00	174.04	700.00
4	ZZCH0059	4	3.5in OD x 172in STEEL POST W/O CAP	51.61	159.00	206.44	636.00
Decks & Kick Plates							
5	ZZCH0616	3	SQUARE COATED DECK ASSEMBLY	54.86	791.00	164.58	2,373.00
Slides							
6	ZZCH3126	1	GLIDE SLIDE (48in DECK)	119.73	1,291.00	119.73	1,291.00
7	ZZCH8070	1	SLIDING POLE (48in DECK)	56.43	664.00	56.43	664.00
Activity Panels							
8	ZZCH4646	1	STORE FRONT PANEL	33.98	641.00	33.98	641.00
9	ZZUN4299	1	STEERING WHEEL (CH/EX PIPE WALL MOUNT FOR 4in CENTERS)	5.29	125.00	5.29	125.00
Barriers							
10	ZZCH4095	1	CENTERLINE PIPE WALL BARRIER	28.74	363.00	28.74	363.00
11	ZZCH4288	3	ACCESS GATE	17.34	278.00	52.02	834.00
Climbers							
12	ZZCH8289	1	RIBBON CLIMBER (36in DECK)	35.02	526.00	35.02	526.00
Overhead Events							
13	ZZCH5780	1	6ft HORIZONTAL LOOP LADDER	55.72	565.00	55.72	565.00
Balance							
14	ZZUN7140	1	STATIONARY BUTTONS (12in)	27.12	199.00	27.12	199.00
15	ZZUN7146	2	STATIONARY BUTTONS (18in)	27.92	201.00	55.84	402.00
Audible Activities							
16	ZZCH4588	1	BELL PANEL	46.07	963.00	46.07	963.00
Roofs & Arches							
17	ZZCH9846	1	CABANA ROOF	76.05	956.00	76.05	956.00
Stairs and Ladders							
18	ZZCH9168	1	12in ACCESS STEPPED PLATFORM (DECK TO DECK)	70.28	964.00	70.28	964.00
Additional Tool & Maintenance Kits							
19	ZZCHGUID	1	CHALLENGER GUIDELINES	0	0.00	0.00	0.00
20	ZZUN9910	1	SURFACING WARNING LABEL KIT	0.05	0.00	0.05	0.00
21	ZZUN9935	1	PIPE SYSTEMS MAINTENANCE KIT W/O AEROSOL	0	0.00	0.00	0.00
22	ZZUN9995	1	TOOL AND ADDITIONAL PARTS KIT W/O AEROSOL	0	0.00	0.00	0.00



IPL-1428B

Post/Installation: Steel-Footed

Design Number: IPL-1428B - Pricing Schedule
2016 Pricing

Ref. No.	Part No.	Qty.	Description	Unit Weight (lbs)	Unit List (US\$)	Total Weight (lbs)	Total List (US\$)
23	ZZXX0049	1	EN & JPFA HOLE PLUG KIT FOR ECO-ARMOR (150 COUNT)	4.51	0.00	4.51	0.00
24	ZZXX0109	1	EN-1176 LABEL	0.01	0.00	0.01	0.00
Total:						1,360.54	12,840.00

Independent Items:

Total:	0.00	0.00
Grand Total:	1,360.54	12,840.00

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-1428B

Design Number: IPL-1428B - 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	ZZCH0009	2	3.5in OD x 112in STEEL POST W/RIVETED CAP	Certified	70.80			98	0	2.00	0.25	0
2	ZZCH0018	2	3.5in OD x 124in STEEL POST W/RIVETED CAP	Certified	77.82			108	0	2.00	0.25	0
3	ZZCH0028	4	3.5in OD x 136in STEEL POST W/ RIVETED CAP	Certified	174.04			234	0	4.00	0.50	0
4	ZZCH0059	4	3.5in OD x 172in STEEL POST W/O CAP	Certified	206.44			273	0	4.00	0.50	0
5	ZZCH0616	3	SQUARE COATED DECK ASSEMBLY	Certified	164.58			521	9	3.00	0.00	0
6	ZZCH3126	1	GLIDE SLIDE (48in DECK)	Certified	119.73			492	3	2.00	0.03	1
7	ZZCH8070	1	SLIDING POLE (48in DECK)	Certified	56.43			156	1	1.50	0.03	1
8	ZZCH4646	1	STORE FRONT PANEL	Certified	33.98			243	3	1.00	0.00	1
9	ZZUN4299	1	STEERING WHEEL (CH/EX PIPE WALL MOUNT FOR 4in CENTERS)	Certified	5.29			27	1	0.25	0.00	1
10	ZZCH4095	1	CENTERLINE PIPE WALL BARRIER	Certified	28.74			71	0	0.50	0.00	0
11	ZZCH4288	3	ACCESS GATE	Certified	52.02			196	0	1.50	0.00	0
12	ZZCH8289	1	RIBBON CLIMBER (36in DECK)	Certified	35.02			101	2	1.50	0.06	1
13	ZZCH5780	1	6ft HORIZONTAL LOOP LADDER	Certified	55.72			124	4	1.00	0.00	1
14	ZZUN7140	1	STATIONARY BUTTONS (12in)	Certified	27.12			90	1	0.75	0.13	1
15	ZZUN7146	2	STATIONARY BUTTONS (18in)	Certified	55.84			183	2	1.50	0.26	2
16	ZZCH4588	1	BELL PANEL	Certified	46.07			357	2	1.00	0.00	1
17	ZZCH9846	1	CABANA ROOF	Certified	76.05			390	0	0.50	0.00	0
18	ZZCH9168	1	12in ACCESS STEPPED PLATFORM (DECK TO DECK)	Certified	70.28			277	1	2.00	0.00	0
19	ZZCHGUID	1	CHALLENGER GUIDELINES	N/A	0.00			1	0	0.25	0.00	0
20	ZZUN9910	1	SURFACING WARNING LABEL KIT	N/A	0.05			1	0	0.25	0.00	0
21	ZZUN9935	1	PIPE SYSTEMS MAINTENANCE KIT W/O AEROSOL	N/A				57				
22	ZZUN9995	1	TOOL AND ADDITIONAL PARTS KIT W/O AEROSOL	N/A				42				



IPL-1428B

Design Number: IPL-1428B - 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
23	ZZXX0049	1	EN & JPFA HOLE PLUG KIT FOR ECO-ARMOR (150 COUNT)	Certified	4.51			158	0	0.00	0.00	0
24	ZZXX0109	1	EN-1176 LABEL	Certified	0.01			0	0	0.50	0.00	0
Totals:					1,360.54	188	397	4,198	29	31.00	2.01	10
					612.24 Kg	85 Kg	179 Kg	4 Metric Tons				1.53 m3



IPL-1428B

Design Number: IPL-1428B - 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-1428B, 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.

