

# IPL-1414

*International Collection*

Equipment Manufacturer



## **IPL-1414**

AGES: 3-14

PLAY EVENTS: 10

USE ZONES: 8,64m x 6,34m

WEIGHT: 579 kg

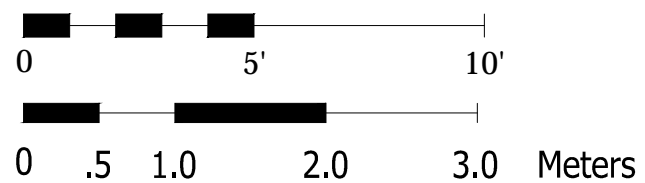
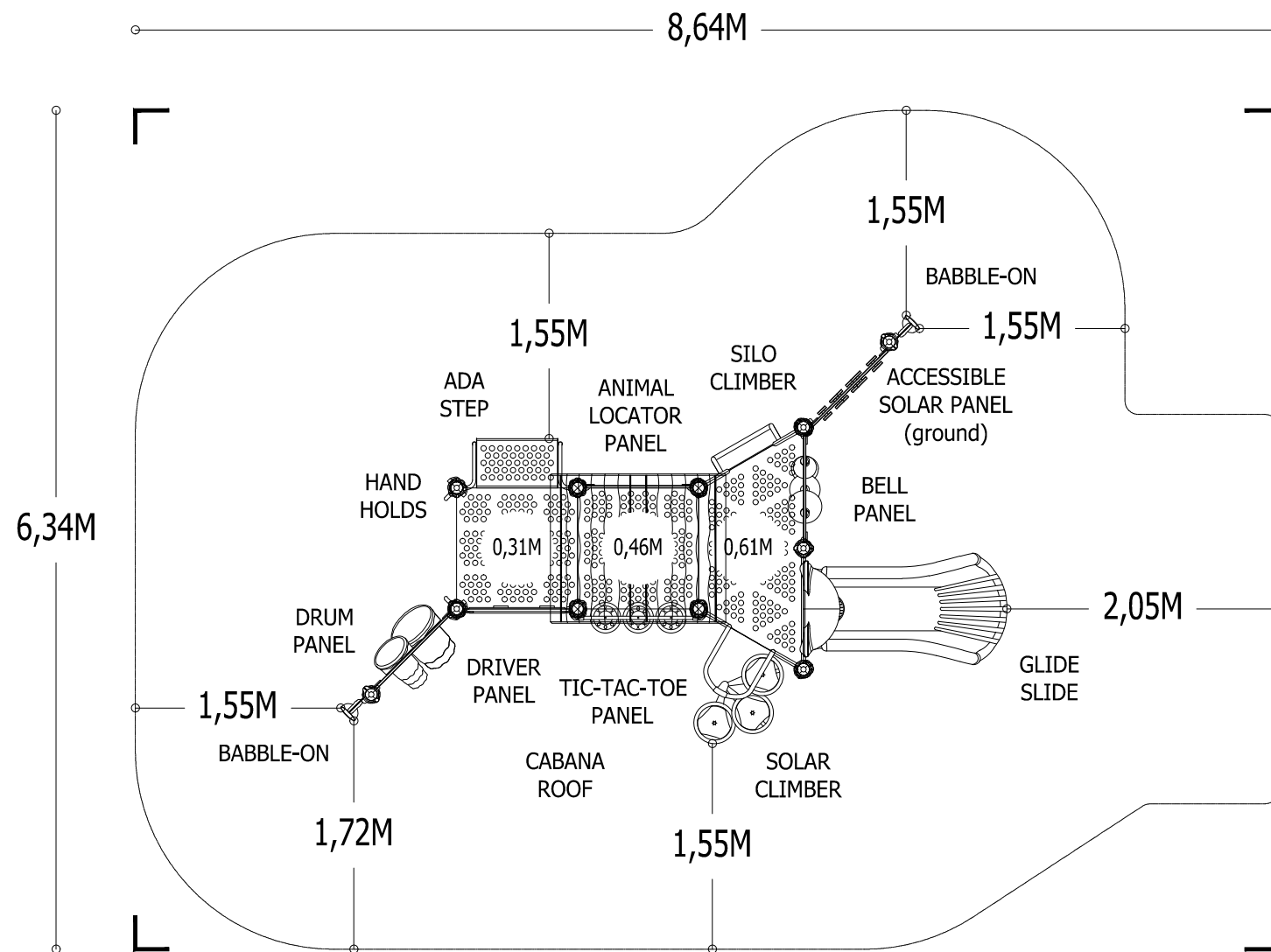
SIZE: 5,03m x 3,24m x 3,14m

CAPACITY: 29

TO INSTALL: 29.50 hours

**FRONT**

**BACK**



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

EQUIPMENT SIZE:  
**5,03M x 3,24M x 3,14M**

USE ZONE:  
**8,64M x 6,34M**

AREA: **44,22M<sup>2</sup>** PERIMETER: **26,47M**

FALL HEIGHT:  
**0,61M**

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

ADA SCHEDULE	Total Elevated Play Activities: 7		
	Total Ground-Level Play Activities: 3		
	Accessible Elevated Activities	Accessible Ground-Level Activities	Accessible Ground-Level Play Types
Required	4	2	2
Provided	7	3	3

EN-1176



PROJECT NO:  
**IPL-1414B**

SCALE:  
**1:50**

DRAWN BY:  
**I. PERKINS**

Paper Size

DATE:  
**02-FEB-16**

**A3**

\*PLAYGROUND SUPERVISION REQUIRED

**IPL-1414**  
 CATALOG PRE-DESIGN

# IPL-1414B

Design Number: IPL-1414B - Bill Of Material

Ref. No.	Part No.	Description	Quantity
<b>Posts</b>			
1	ZZCH0007	3.5in OD x 100in STEEL POST W/ RIVETED CAP	2
2	ZZCH0009	3.5in OD x 112in STEEL POST W/RIVETED CAP	3
3	ZZCH0029	3.5in OD x 136in STEEL POST W/O CAP	4
4	ZZCH0356	3.50in x 88in STEEL POST w/CAP	2
<b>Decks &amp; Kick Plates</b>			
5	ZZCH0616	SQUARE COATED DECK ASSEMBLY	2
6	ZZCH0618	1/2 HEX COATED DECK ASSEMBLY	1
<b>Slides</b>			
7	ZZCH3128	GLIDE SLIDE (30in & 24in DECK)	1
<b>Activity Panels</b>			
8	ZZCH4328	ANIMAL LOCATOR PANEL	1
9	ZZCH4350	TIC-TAC-TOE ACTIVITY WALL	1
10	ZZCH4386	DRIVER PANEL	1
11	ZZCH4407	ACCESSIBLE SOLAR SYSTEM PANEL	1
<b>Barriers</b>			
12	ZZCH4190	SMALL HAND HOLD	2
<b>Climbers</b>			
13	ZZCH7656	SOLAR CLIMBER (24in DECK)	1
14	ZZCH7948	SILO CLIMBER (24in DECK)	1
<b>Audible Activities</b>			
15	ZZCH4467	GROUND TO GROUND BABBLE-ON	1
16	ZZCH4587	DRUM PANEL (GROUND LEVEL)	1
17	ZZCH4588	BELL PANEL	1
<b>Roofs &amp; Arches</b>			
18	ZZCH9846	CABANA ROOF	1
<b>Stairs and Ladders</b>			
19	ZZCH9167	12in ACCESS STEPPED PLATFORM (GROUND TO DECK)	1
<b>Additional Tool &amp; Maintenance Kits</b>			
20	ZZCHGUID	CHALLENGER GUIDELINES	1
21	ZZUN9910	SURFACING WARNING LABEL KIT	1
22	ZZUN9935	PIPE SYSTEMS MAINTENANCE KIT W/O AEROSOL	1
23	ZZUN9995	TOOL AND ADDITIONAL PARTS KIT W/O AEROSOL	1
24	ZZXX0049	EN & JPFA HOLE PLUG KIT FOR ECO-ARMOR (150 COUNT)	1
25	ZZXX0109	EN-1176 LABEL	1

# IPL-1414B

Post/Installation: Steel-Footed

Design Number: IPL-1414B - Pricing Schedule  
2016 Pricing

Ref. No.	Part No.	Qty.	Description	Unit Weight (lbs)	Unit List (US\$)	Total Weight (lbs)	Total List (US\$)
<b>Modular Playscape:</b>							
<b>Posts</b>							
1	ZZCH0007	2	3.5in OD x 100in STEEL POST W/ RIVETED CAP	31.61	131.00	63.22	262.00
2	ZZCH0009	3	3.5in OD x 112in STEEL POST W/RIVETED CAP	35.4	155.00	106.20	465.00
3	ZZCH0029	4	3.5in OD x 136in STEEL POST W/O CAP	42.41	130.00	169.64	520.00
4	ZZCH0356	2	3.50in x 88in STEEL POST w/CAP	29.71	142.00	59.42	284.00
<b>Decks &amp; Kick Plates</b>							
5	ZZCH0616	2	SQUARE COATED DECK ASSEMBLY	54.86	791.00	109.72	1,582.00
6	ZZCH0618	1	1/2 HEX COATED DECK ASSEMBLY	78.32	988.00	78.32	988.00
<b>Slides</b>							
7	ZZCH3128	1	GLIDE SLIDE (30in & 24in DECK)	100.73	956.00	100.73	956.00
<b>Activity Panels</b>							
8	ZZCH4328	1	ANIMAL LOCATOR PANEL	47.77	978.00	47.77	978.00
9	ZZCH4350	1	TIC-TAC-TOE ACTIVITY WALL	45.03	1,147.00	45.03	1,147.00
10	ZZCH4386	1	DRIVER PANEL	64.49	2,050.00	64.49	2,050.00
11	ZZCH4407	1	ACCESSIBLE SOLAR SYSTEM PANEL	21.42	988.00	21.42	988.00
<b>Barriers</b>							
12	ZZCH4190	2	SMALL HAND HOLD	6.5	143.00	13.00	286.00
<b>Climbers</b>							
13	ZZCH7656	1	SOLAR CLIMBER (24in DECK)	72.08	1,422.00	72.08	1,422.00
14	ZZCH7948	1	SILO CLIMBER (24in DECK)	66.48	712.00	66.48	712.00
<b>Audible Activities</b>							
15	ZZCH4467	1	GROUND TO GROUND BABBLE-ON	43.15	705.00	43.15	705.00
16	ZZCH4587	1	DRUM PANEL (GROUND LEVEL)	44.64	976.00	44.64	976.00
17	ZZCH4588	1	BELL PANEL	46.07	963.00	46.07	963.00
<b>Roofs &amp; Arches</b>							
18	ZZCH9846	1	CABANA ROOF	76.05	956.00	76.05	956.00
<b>Stairs and Ladders</b>							
19	ZZCH9167	1	12in ACCESS STEPPED PLATFORM (GROUND TO DECK)	53.7	567.00	53.70	567.00
<b>Additional Tool &amp; Maintenance Kits</b>							
20	ZZCHGUID	1	CHALLENGER GUIDELINES	0	0.00	0.00	0.00
21	ZZUN9910	1	SURFACING WARNING LABEL KIT	0.05	0.00	0.05	0.00
22	ZZUN9935	1	PIPE SYSTEMS MAINTENANCE KIT W/O AEROSOL	0	0.00	0.00	0.00
23	ZZUN9995	1	TOOL AND ADDITIONAL PARTS KIT W/O AEROSOL	0	0.00	0.00	0.00



# IPL-1414B

Post/Installation: Steel-Footed

Design Number: IPL-1414B - Pricing Schedule  
2016 Pricing

Ref. No.	Part No.	Qty.	Description	Unit Weight (lbs)	Unit List (US\$)	Total Weight (lbs)	Total List (US\$)
24	ZZXX0049	1	EN & JPFA HOLE PLUG KIT FOR ECO-ARMOR (150 COUNT)	4.51	0.00	4.51	0.00
25	ZZXX0109	1	EN-1176 LABEL	0.01	0.00	0.01	0.00
<b>Total:</b>						<b>1,285.70</b>	<b>16,807.00</b>

## Independent Items:

<b>Total:</b>	<b>0.00</b>	<b>0.00</b>
<b>Grand Total:</b>	<b>1,285.70</b>	<b>16,807.00</b>

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-1414B

Design Number: IPL-1414B - 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	ZZCH0007	2	3.5in OD x 100in STEEL POST W/ RIVETED CAP	Certified	63.22			88	0	2.00	0.25	0
2	ZZCH0009	3	3.5in OD x 112in STEEL POST W/RIVETED CAP	Certified	106.20			147	0	3.00	0.38	0
3	ZZCH0029	4	3.5in OD x 136in STEEL POST W/O CAP	Certified	169.64			216	0	4.00	0.50	0
4	ZZCH0356	2	3.50in x 88in STEEL POST w/CAP	Certified	59.42			79	0	2.00	0.26	0
5	ZZCH0616	2	SQUARE COATED DECK ASSEMBLY	Certified	109.72			348	6	2.00	0.00	0
6	ZZCH0618	1	1/2 HEX COATED DECK ASSEMBLY	Certified	78.32			252	4	1.50	0.00	0
7	ZZCH3128	1	GLIDE SLIDE (30in & 24in DECK)	Certified	100.73			355	3	2.00	0.03	1
8	ZZCH4328	1	ANIMAL LOCATOR PANEL	Certified	47.77			329	1	0.50	0.00	1
9	ZZCH4350	1	TIC-TAC-TOE ACTIVITY WALL	Certified	45.03			342	2	0.50	0.00	1
10	ZZCH4386	1	DRIVER PANEL	Certified	64.49			498	2	1.00	0.00	1
11	ZZCH4407	1	ACCESSIBLE SOLAR SYSTEM PANEL	Certified	21.42			242	1	0.50	0.00	1
12	ZZCH4190	2	SMALL HAND HOLD	Certified	13.00			82	0	0.50	0.00	0
13	ZZCH7656	1	SOLAR CLIMBER (24in DECK)	Certified	72.08			213	2	1.50	0.03	1
14	ZZCH7948	1	SILO CLIMBER (24in DECK)	Certified	66.48			124	1	1.50	0.06	1
15	ZZCH4467	1	GROUND TO GROUND BABBLE-ON	Certified	43.15			240	2	1.50	0.00	1
16	ZZCH4587	1	DRUM PANEL (GROUND LEVEL)	Certified	44.64			407	2	1.00	0.00	1
17	ZZCH4588	1	BELL PANEL	Certified	46.07			357	2	1.00	0.00	1
18	ZZCH9846	1	CABANA ROOF	Certified	76.05			390	0	0.50	0.00	0
19	ZZCH9167	1	12in ACCESS STEPPED PLATFORM (GROUND TO DECK)	N/A	53.70			136	1	2.00	0.06	0
20	ZZCHGUID	1	CHALLENGER GUIDELINES	N/A	0.00			1	0	0.25	0.00	0
21	ZZUN9910	1	SURFACING WARNING LABEL KIT	N/A	0.05			1	0	0.25	0.00	0
22	ZZUN9935	1	PIPE SYSTEMS MAINTENANCE KIT W/O AEROSOL	N/A				57				
23	ZZUN9995	1	TOOL AND ADDITIONAL PARTS KIT W/O AEROSOL	N/A				42				



# IPL-1414B

Design Number: IPL-1414B - 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
24	ZZXX0049	1	EN & JPFA HOLE PLUG KIT FOR ECO-ARMOR (150 COUNT)	Certified	4.51			158	0	0.00	0.00	0
25	ZZXX0109	1	EN-1176 LABEL	Certified	0.01			0	0	0.50	0.00	0
<b>Totals:</b>					<b>1,285.70</b>	<b>197</b>	<b>328</b>	<b>5,101</b>	<b>29</b>	<b>29.50</b>	<b>1.56</b>	<b>10</b>
					<b>578.57 Kg</b>	<b>89 Kg</b>	<b>148 Kg</b>	<b>5 Metric Tons</b>				<b>1.19 m3</b>



# IPL-1414B

Design Number: IPL-1414B - 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-1414B, 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.

