

# IPL-1418

*International Collection*

Equipment Manufacturer



## **IPL-1418**

AGES: 3-14

PLAY EVENTS: 13

USE ZONES: 8,31m x 7,49m

WEIGHT: 700kg

SIZE: 4,51m x 3,88m x 3,19m

CAPACITY: 26

TO INSTALL: 24.60 hours

**FRONT**

**BACK**



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

EQUIPMENT SIZE:  
**4,51M x 3,88M x 3,19M**

USE ZONE:  
**8,31M x 7,49M**

AREA: **47,04M<sup>2</sup>** PERIMETER: **26,65M**

FALL HEIGHT:  
**1,83M**

USER CAPACITY: **26** AGE GROUP: **3-14**

EN-1176

PROJECT NO:  
**IPL-1418B**

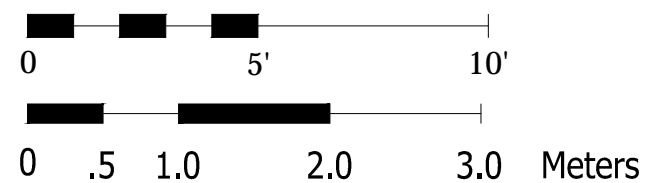
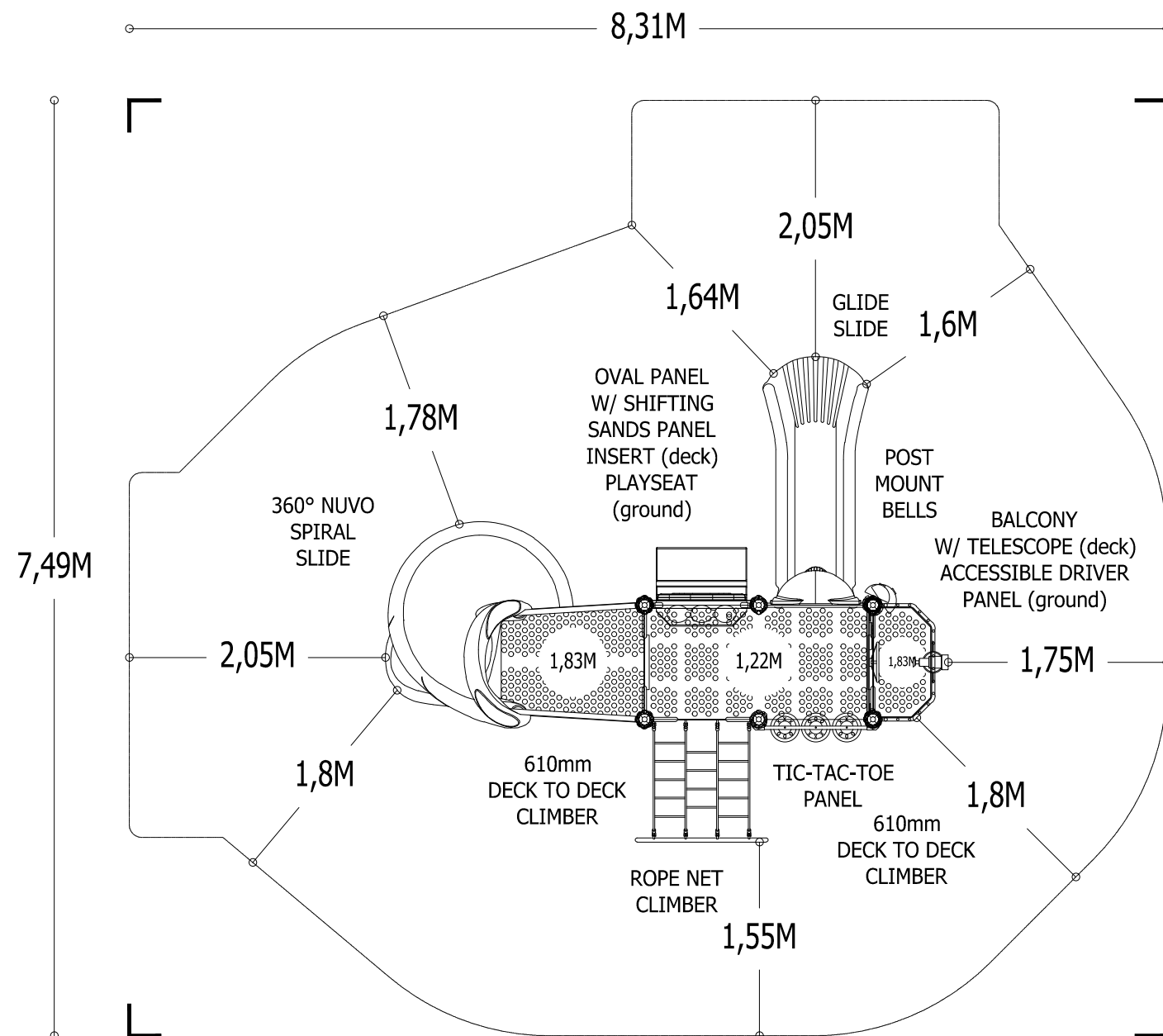
SCALE:  
**1:50**

DRAWN BY:  
**I. PERKINS**

Paper Size

DATE:  
**02-FEB-16**

**A3**



\*PLAYGROUND SUPERVISION REQUIRED

**IPL-1418**  
CATALOG PRE-DESIGN

# IPL-1418B

Design Number: IPL-1418B - Bill Of Material

Ref. No.	Part No.	Description	Quantity
<b>Posts</b>			
1	ZZCH0028	3.5in OD x 136in STEEL POST W/ RIVETED CAP	2
2	ZZCH0048	3.5in OD x 160in STEEL POST W/ RIVETED CAP	4
<b>Decks &amp; Kick Plates</b>			
3	ZZCH0629	LONG COATED DECK ASSEMBLY	1
<b>Slides</b>			
4	ZZCH3126	GLIDE SLIDE (48in DECK)	1
5	ZZCH3537	SLIDE- NUVO 360 SPIRAL SLIDE	1
<b>Activity Panels</b>			
6	ZZCH4350	TIC-TAC-TOE ACTIVITY WALL	1
7	ZZCH4356	BALCONY	1
8	ZZCH4406	ACCESSIBLE DRIVING PANEL	1
9	ZZCH4570	PLAY SEAT	1
10	ZZCH4807	OVAL INSERT PANEL (DECK MOUNT)	1
11	ZZUN4280	TELESCOPE (PIPE WALL MOUNT FOR 4in RUNG CENTERS)	1
12	ZZUN4806	SHIFTING SANDS PANEL INSERT	1
<b>Climbers</b>			
13	ZZCH6190	24in DECK TO DECK CLIMBER	2
14	ZZCH7227	ROPE CLIMBER (48in DECK)	1
<b>Audible Activities</b>			
15	ZZCH4557	8in BELL (POST MOUNT)	1
16	ZZCH4559	10in BELL (POST MOUNT)	1
<b>Additional Tool &amp; Maintenance Kits</b>			
17	ZZCHGUID	CHALLENGER GUIDELINES	1
18	ZZUN9910	SURFACING WARNING LABEL KIT	1
19	ZZUN9935	PIPE SYSTEMS MAINTENANCE KIT W/O AEROSOL	1
20	ZZUN9995	TOOL AND ADDITIONAL PARTS KIT W/O AEROSOL	1
21	ZZXX0049	EN & JPFA HOLE PLUG KIT FOR ECO-ARMOR (150 COUNT)	1
22	ZZXX0109	EN-1176 LABEL	1
23	ZZXX0146	TELESCOPE EN PLUG KIT	1

# IPL-1418B

Post/Installation: Steel-Footed

Design Number: IPL-1418B - 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	ZZCH0028	2	3.5in OD x 136in STEEL POST W/ RIVETED CAP	43.51	175.00	87.02	350.00
2	ZZCH0048	4	3.5in OD x 160in STEEL POST W/ RIVETED CAP	50.21	192.00	200.84	768.00
<b>Decks &amp; Kick Plates</b>							
3	ZZCH0629	1	LONG COATED DECK ASSEMBLY	107.02	1,225.00	107.02	1,225.00
<b>Slides</b>							
4	ZZCH3126	1	GLIDE SLIDE (48in DECK)	119.73	1,291.00	119.73	1,291.00
5	ZZCH3537	1	SLIDE- NUVO 360 SPIRAL SLIDE	650	4,458.00	650.00	4,458.00
<b>Activity Panels</b>							
6	ZZCH4350	1	TIC-TAC-TOE ACTIVITY WALL	45.03	1,147.00	45.03	1,147.00
7	ZZCH4356	1	BALCONY	71.66	987.00	71.66	987.00
8	ZZCH4406	1	ACCESSIBLE DRIVING PANEL	24.07	639.00	24.07	639.00
9	ZZCH4570	1	PLAY SEAT	37.65	648.00	37.65	648.00
10	ZZCH4807	1	OVAL INSERT PANEL (DECK MOUNT)	28.16	530.00	28.16	530.00
11	ZZUN4280	1	TELESCOPE (PIPE WALL MOUNT FOR 4in RUNG CENTERS)	12.33	249.00	12.33	249.00
12	ZZUN4806	1	SHIFTING SANDS PANEL INSERT	22.97	666.00	22.97	666.00
<b>Climbers</b>							
13	ZZCH6190	2	24in DECK TO DECK CLIMBER	41.34	590.00	82.68	1,180.00
14	ZZCH7227	1	ROPE CLIMBER (48in DECK)	48.56	1,850.00	48.56	1,850.00
<b>Audible Activities</b>							
15	ZZCH4557	1	8in BELL (POST MOUNT)	5.15	165.00	5.15	165.00
16	ZZCH4559	1	10in BELL (POST MOUNT)	6.87	186.00	6.87	186.00
<b>Additional Tool &amp; Maintenance Kits</b>							
17	ZZCHGUID	1	CHALLENGER GUIDELINES	0	0.00	0.00	0.00
18	ZZUN9910	1	SURFACING WARNING LABEL KIT	0.05	0.00	0.05	0.00
19	ZZUN9935	1	PIPE SYSTEMS MAINTENANCE KIT W/O AEROSOL	0	0.00	0.00	0.00
20	ZZUN9995	1	TOOL AND ADDITIONAL PARTS KIT W/O AEROSOL	0	0.00	0.00	0.00
21	ZZXX0049	1	EN & JPFA HOLE PLUG KIT FOR ECO-ARMOR (150 COUNT)	4.51	0.00	4.51	0.00
22	ZZXX0109	1	EN-1176 LABEL	0.01	0.00	0.01	0.00
23	ZZXX0146	1	TELESCOPE EN PLUG KIT	0	0.00	0.00	0.00
<b>Total:</b>						<b>1,554.31</b>	<b>16,339.00</b>

## Independent Items:



# IPL-1418B

Post/Installation: Steel-Footed

Design Number: IPL-1418B - Pricing Schedule  
2016 Pricing

Ref. No.	Part No.	Qty.	Description	Unit Weight (lbs)	Unit List (US\$)	Total Weight (lbs)	Total List (US\$)
					<b>Total:</b>	<b>0.00</b>	<b>0.00</b>
					<b>Grand Total:</b>	<b>1,554.31</b>	<b>16,339.00</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-1418B

Design Number: IPL-1418B - 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	ZZCH0028	2	3.5in OD x 136in STEEL POST W/ RIVETED CAP	Certified	87.02			117	0	2.00	0.25	0
2	ZZCH0048	4	3.5in OD x 160in STEEL POST W/ RIVETED CAP	Certified	200.84			272	0	4.00	0.50	0
3	ZZCH0629	1	LONG COATED DECK ASSEMBLY	Certified	107.02			318	6	1.00	0.00	0
4	ZZCH3126	1	GLIDE SLIDE (48in DECK)	Certified	119.73			492	3	2.00	0.03	1
5	ZZCH3537	1	SLIDE- NUVO 360 SPIRAL SLIDE	Certified	650.00			1,417	2	6.00	0.15	1
6	ZZCH4350	1	TIC-TAC-TOE ACTIVITY WALL	Certified	45.03			342	2	0.50	0.00	1
7	ZZCH4356	1	BALCONY	Certified	71.66			214	2	1.00	0.00	1
8	ZZCH4406	1	ACCESSIBLE DRIVING PANEL	Certified	24.07			202	1	0.50	0.00	1
9	ZZCH4570	1	PLAY SEAT	Certified	37.65			234	2	0.50	0.00	1
10	ZZCH4807	1	OVAL INSERT PANEL (DECK MOUNT)	Certified	28.16			211	0	0.50	0.00	0
11	ZZUN4280	1	TELESCOPE (PIPE WALL MOUNT FOR 4in RUNG CENTERS)	Certified	12.33			61	1	0.50	0.00	1
12	ZZUN4806	1	SHIFTING SANDS PANEL INSERT	Certified	22.97			256	1	0.50	0.00	1
13	ZZCH6190	2	24in DECK TO DECK CLIMBER	Certified	82.68			291	2	2.00	0.00	2
14	ZZCH7227	1	ROPE CLIMBER (48in DECK)	Certified	48.56			1,569	2	2.00	0.06	1
15	ZZCH4557	1	8in BELL (POST MOUNT)	Certified	5.15			44	1	0.25	0.00	1
16	ZZCH4559	1	10in BELL (POST MOUNT)	Certified	6.87			49	1	0.25	0.00	1
17	ZZCHGUID	1	CHALLENGER GUIDELINES	N/A	0.00			1	0	0.25	0.00	0
18	ZZUN9910	1	SURFACING WARNING LABEL KIT	N/A	0.05			1	0	0.25	0.00	0
19	ZZUN9935	1	PIPE SYSTEMS MAINTENANCE KIT W/O AEROSOL	N/A				57				
20	ZZUN9995	1	TOOL AND ADDITIONAL PARTS KIT W/O AEROSOL	N/A				42				
21	ZZXX0049	1	EN & JPFA HOLE PLUG KIT FOR ECO-ARMOR (150 COUNT)	Certified	4.51			158	0	0.00	0.00	0
22	ZZXX0109	1	EN-1176 LABEL	Certified	0.01			0	0	0.50	0.00	0
23	ZZXX0146	1	TELESCOPE EN PLUG KIT	Certified				0	0	0.10	0.00	0



# IPL-1418B

Design Number: IPL-1418B - 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
				<b>Totals:</b>	<b>1,554.31</b>	<b>166</b>	<b>341</b>	<b>6,345</b>	<b>26</b>	<b>24.60</b>	<b>0.99</b>	<b>13</b>
					<b>699.44 Kg</b>	<b>75 Kg</b>	<b>153 Kg</b>	<b>6 Metric Tons</b>			<b>0.75 m3</b>	



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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-1418B, 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.

