

# IPL-1405

*International Collection*

Equipment Manufacturer



## **IPL-1405**

AGES: 3-14

PLAY EVENTS: 9

USE ZONES: 6,75m x 7,48m

WEIGHT: 381kg

SIZE: 3,58m x 3,39m x 3,14m

CAPACITY: 19

TO INSTALL: 17.50 hours

**FRONT**

**BACK**



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

EQUIPMENT SIZE:  
**6,83M x 3,12M x 2,27M**

USE ZONE:  
**10,45M x 6,72M**

AREA: **55,32M<sup>2</sup>** PERIMETER: **30,64M**

FALL HEIGHT:  
**0,92M**

USER CAPACITY: **20** AGE GROUP: **3-14**

EN-1176

PROJECT NO:  
**IPL-1405B**

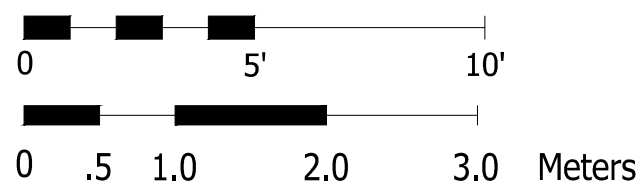
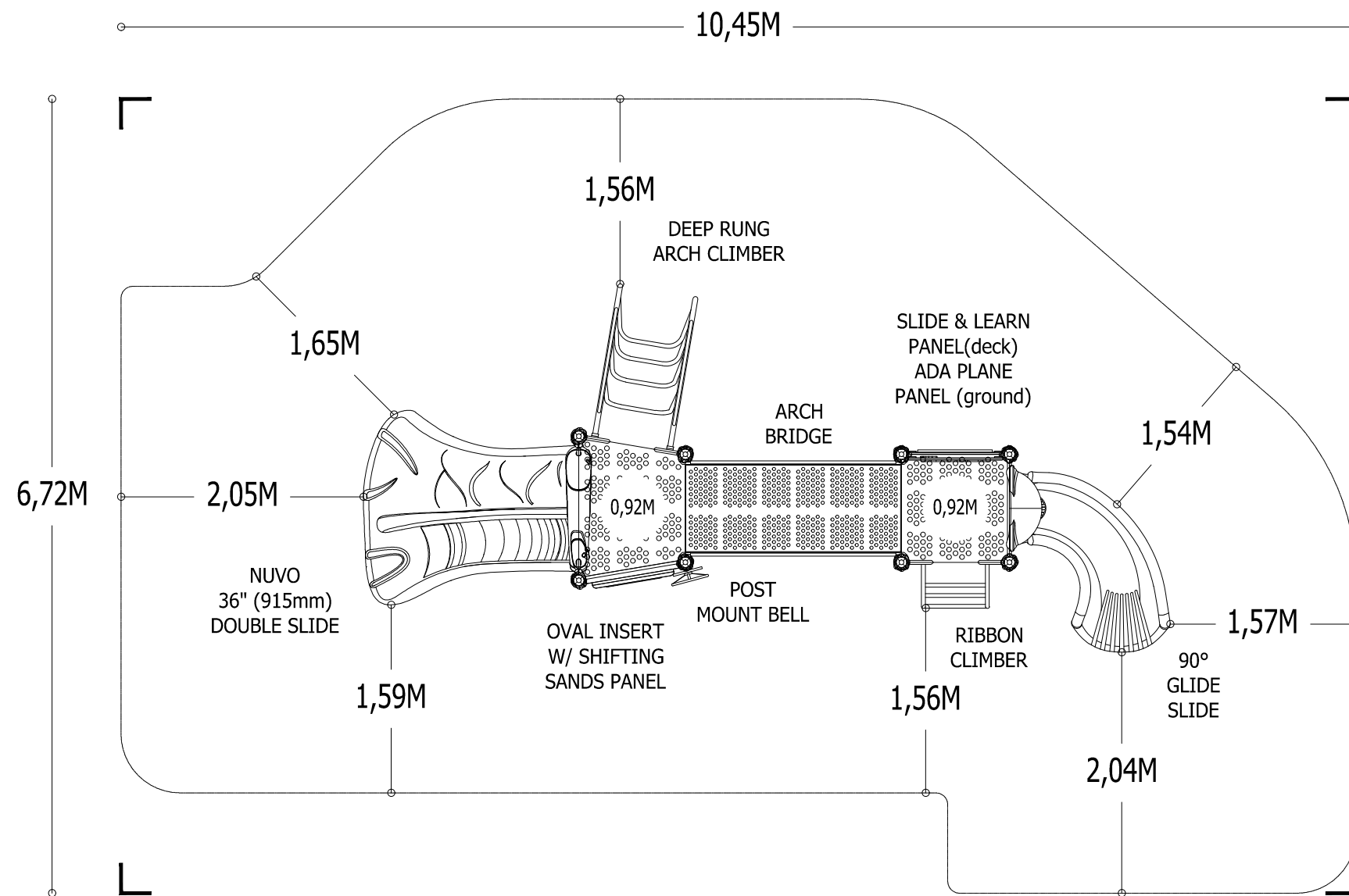
SCALE:  
**1:50**

DRAWN BY:  
**I.PERKINS**

Paper Size

DATE:  
**02-FEB-16**

**A3**



\*PLAYGROUND SUPERVISION REQUIRED

**IPL-1405**  
CATALOG PRE-DESIGN

# IPL-1405A

Design Number: IPL-1405B - Bill Of Material

<b>Ref. No.</b>	<b>Part No.</b>	<b>Description</b>	<b>Quantity</b>
<b>Posts</b>			
1	ZZCH0018	3.5in OD x 124in STEEL POST W/RIVETED CAP	8
<b>Decks &amp; Kick Plates</b>			
2	ZZCH0616	SQUARE COATED DECK ASSEMBLY	1
3	ZZCH0636	DOUBLE SLIDE COATED DECK ASSEMBLY	1
<b>Slides</b>			
4	ZZCH3129	90 DEGREE GLIDE SLIDE (36in DECK)	1
5	ZZCH3538	NUVO 36in DOUBLE SLIDE	1
<b>Activity Panels</b>			
6	ZZCH4290	POST MOUNTED STEERING WHEEL	1
7	ZZCH4399	ACCESSIBLE PLANE PANEL	1
8	ZZCH4446	SLIDE-N-LEARN PANEL	1
9	ZZCH4807	OVAL INSERT PANEL (DECK MOUNT)	1
10	ZZUN4806	SHIFTING SANDS PANEL INSERT	1
<b>Climbers</b>			
11	ZZCH7400	DEEP RUNG ARCH CLIMBER (36in DECK)	1
12	ZZCH8289	RIBBON CLIMBER (36in DECK)	1
<b>Bridges</b>			
13	ZZCH6595	6ft ARCH BRIDGE	1
<b>Additional Tool &amp; Maintenance Kits</b>			
14	ZZCHGUID	CHALLENGER GUIDELINES	1
15	ZZUN9910	SURFACING WARNING LABEL KIT	1
16	ZZUN9935	PIPE SYSTEMS MAINTENANCE KIT W/O AEROSOL	1
17	ZZUN9995	TOOL AND ADDITIONAL PARTS KIT W/O AEROSOL	1
18	ZZXX0049	EN & JPFA HOLE PLUG KIT FOR ECO-ARMOR (150 COUNT)	1
19	ZZXX0109	EN-1176 LABEL	1

# IPL-1405A

Post/Installation: Steel-Footed

Design Number: IPL-1405B - 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	ZZCH0018	8	3.5in OD x 124in STEEL POST W/RIVETED CAP	38.91	164.00	311.28	1,312.00
<b>Decks &amp; Kick Plates</b>							
2	ZZCH0616	1	SQUARE COATED DECK ASSEMBLY	54.86	791.00	54.86	791.00
3	ZZCH0636	1	DOUBLE SLIDE COATED DECK ASSEMBLY	63.86	813.00	63.86	813.00
<b>Slides</b>							
4	ZZCH3129	1	90 DEGREE GLIDE SLIDE (36in DECK)	96.73	1,110.00	96.73	1,110.00
5	ZZCH3538	1	NUVO 36in DOUBLE SLIDE	157.29	1,600.00	157.29	1,600.00
<b>Activity Panels</b>							
6	ZZCH4290	1	POST MOUNTED STEERING WHEEL	7.83	250.00	7.83	250.00
7	ZZCH4399	1	ACCESSIBLE PLANE PANEL	22.67	737.00	22.67	737.00
8	ZZCH4446	1	SLIDE-N-LEARN PANEL	57.8	1,113.00	57.80	1,113.00
9	ZZCH4807	1	OVAL INSERT PANEL (DECK MOUNT)	28.16	530.00	28.16	530.00
10	ZZUN4806	1	SHIFTING SANDS PANEL INSERT	22.97	666.00	22.97	666.00
<b>Climbers</b>							
11	ZZCH7400	1	DEEP RUNG ARCH CLIMBER (36in DECK)	76.46	1,139.00	76.46	1,139.00
12	ZZCH8289	1	RIBBON CLIMBER (36in DECK)	35.02	526.00	35.02	526.00
<b>Bridges</b>							
13	ZZCH6595	1	6ft ARCH BRIDGE	183.35	1,971.00	183.35	1,971.00
<b>Additional Tool &amp; Maintenance Kits</b>							
14	ZZCHGUID	1	CHALLENGER GUIDELINES	0	0.00	0.00	0.00
15	ZZUN9910	1	SURFACING WARNING LABEL KIT	0.05	0.00	0.05	0.00
16	ZZUN9935	1	PIPE SYSTEMS MAINTENANCE KIT W/O AEROSOL	0	0.00	0.00	0.00
17	ZZUN9995	1	TOOL AND ADDITIONAL PARTS KIT W/O AEROSOL	0	0.00	0.00	0.00
18	ZZXX0049	1	EN & JPFA HOLE PLUG KIT FOR ECO-ARMOR (150 COUNT)	4.51	0.00	4.51	0.00
19	ZZXX0109	1	EN-1176 LABEL	0.01	0.00	0.01	0.00
<b>Total:</b>						<b>1,122.85</b>	<b>12,558.00</b>
<b>Independent Items:</b>							
<b>Total:</b>						<b>0.00</b>	<b>0.00</b>
<b>Grand Total:</b>						<b>1,122.85</b>	<b>12,558.00</b>

Please Note:

1. When placing an order for this project, the drawing number is representative of the Playmakers, Challengers or



# IPL-1405A

Post/Installation: Steel-Footed

Design Number: IPL-1405B - Pricing Schedule  
2016 Pricing

Ref. No.	Part No.	Qty.	Description	Unit Weight (lbs)	Unit List (US\$)	Total Weight (lbs)	Total List (US\$)
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Explorers playstructure only. Items listed under 'Independent Items' must be listed on your purchase order separately to be included.



# IPL-1405A

Design Number: IPL-1405B - 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	8	3.5in OD x 124in STEEL POST W/RIVETED CAP	Certified	311.28			430	0	8.00	1.00	0
2	ZZCH0616	1	SQUARE COATED DECK ASSEMBLY	Certified	54.86			174	3	1.00	0.00	0
3	ZZCH0636	1	DOUBLE SLIDE COATED DECK ASSEMBLY	Certified	63.86			185	3	1.00	0.00	0
4	ZZCH3129	1	90 DEGREE GLIDE SLIDE (36in DECK)	Certified	96.73			418	2	2.00	0.03	1
5	ZZCH3538	1	NUVO 36in DOUBLE SLIDE	Certified	157.29			683	2	2.00	0.06	1
6	ZZCH4290	1	POST MOUNTED STEERING WHEEL	Certified	7.83			44	1	0.25	0.00	1
7	ZZCH4399	1	ACCESSIBLE PLANE PANEL	Certified	22.67			212	1	0.50	0.00	1
8	ZZCH4446	1	SLIDE-N-LEARN PANEL	Certified	57.80			516	1	1.00	0.00	1
9	ZZCH4807	1	OVAL INSERT PANEL (DECK MOUNT)	Certified	28.16			211	0	0.50	0.00	0
10	ZZUN4806	1	SHIFTING SANDS PANEL INSERT	Certified	22.97			256	1	0.50	0.00	1
11	ZZCH7400	1	DEEP RUNG ARCH CLIMBER (36in DECK)	Certified	76.46			170	2	2.00	0.06	1
12	ZZCH8289	1	RIBBON CLIMBER (36in DECK)	Certified	35.02			101	2	1.50	0.06	1
13	ZZCH6595	1	6ft ARCH BRIDGE	Certified	183.35			415	2	1.50	0.00	1
14	ZZCHGUID	1	CHALLENGER GUIDELINES	N/A	0.00			1	0	0.25	0.00	0
15	ZZUN9910	1	SURFACING WARNING LABEL KIT	N/A	0.05			1	0	0.25	0.00	0
16	ZZUN9935	1	PIPE SYSTEMS MAINTENANCE KIT W/O AEROSOL	N/A				57				
17	ZZUN9995	1	TOOL AND ADDITIONAL PARTS KIT W/O AEROSOL	N/A				42				
18	ZZXX0049	1	EN & JPFA HOLE PLUG KIT FOR ECO-ARMOR (150 COUNT)	Certified	4.51			158	0	0.00	0.00	0
19	ZZXX0109	1	EN-1176 LABEL	Certified	0.01			0	0	0.50	0.00	0
<b>Totals:</b>					<b>1,122.85</b>	<b>156</b>	<b>281</b>	<b>4,072</b>	<b>20</b>	<b>22.75</b>	<b>1.21</b>	<b>9</b>
					<b>505.28 Kg</b>	<b>70 Kg</b>	<b>126 Kg</b>	<b>4 Metric Tons</b>			<b>0.92 m3</b>	



# IPL-1405A

Design Number: IPL-1405B - 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-1405B, 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.

