Profile

Parkash Amusement Rides & Fun World (P) Ltd. (PAFL) is an ISO 9001-2008 company since 1989, manufacturing world class water park equipments including different kind of slides, wave pool, thrill/children rides and water toys etc.

PAFL has installed/supplied its product range worldwide and offers turnkey services from conceptualization to execution.

Water park theming / designing have been other strengths of PAFL, making any water park, concept based destination, depending on locational and visitors’ profile.

PAFL has the biggest manufacturing, designing and R&D facility in India with quality and manufacturing of its product range comparable to any international company. Manufacturing process and materials specifications are discussed in the following chapters.
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6 Platform Multiplay Pen System

It is the centre point of every water park and a fun spot for every child. It offers a whole lot of fun activities like rope climbing, water gun, spray spouts, mini slides, sprinklers and tilting buckets all at one place. It is a very controlled and safe environment for children to indulge in the many fun activities without having to go anywhere else.
Technical Specifications

- Multi Play Pen 6 platform (Mermaid Theme)
- FRP Platforms 1600 x 1600 - 6 Nos
- FRP Staircase 1050 Ht - 5 Nos
- 850mm Wide Tunnel Body Steep Slide 3.1m Ht
- 900mm Wide Tunnel Body Spiral Slide 4.2m Ht
- 900 mm Wide Tunnel Body Spiral Slide 5.25m Ht
- Mountain Slide 90Deg - 2.1 m Ht

- 200 Ltr Splash with Splash Roof
- Rotating Wheel with Water Spray
- Roof with Water Spray
- Water Curtain and Nozzles
- Welcome Board
- Theming Characters as shown in the drawing
- Appropriate Railing for access restriction at bottom
12 Platform Multiplay Pen System

As the name suggests, Giant Octopus is a slide that will definitely shoot up your adrenaline levels to an absolute high. It's specially designed with open cuts at intervals, along with variations in height and angles to ensure a very high level of safety. Giant Octopus is definitely an innovative concept and its design ensures a fun and impactful ride for all our valued patrons.
Technical Specifications

FRP Platform – 12 Nos.
Water Wheel
Giant tipping bucket
Bubble Jet
Water Gun/Hose Jets
Pull Ropes
Pipe Falls
Tunnel Slide

Climbing Net
Crawl Tunnel
Double Poly Slide
Over Head Tipping Cones
Over Head Water Curtain
Arching Jets
Spiral Slide
Themeing as per client’s requirement
5 Platform Multiplay Pen System

It is the centre point of every water park and a fun spot for every child. It offers a whole lot of fun activities like rope climbing, water gun, spray spouts, mini slides, sprinklers and tilting buckets all at one place. It is a very controlled and safe environment for children to indulge in the many fun activities without having to go anywhere else.
Technical Specifications

- FRP Platform - 5 Nos.
- FRP Staircase - 2100 Ht - 1 No.
- Mountain Slide 90 degree
- 900mm Wide Straight Slide - 2625 Ht
- 900mm Wide Curve Slide - 3675 Ht
- 650mm Racer Slide 3 lane - 2100mm HT
- FRP Roof 4m X 4m - 1 No. with LED Lights
- Magic Lamp With Splash Roof - 1 No.
- Theme Character - 4 Nos.

- Mist Nozzles - 3 Nos.
- Jet Nozzles - 1 No.
- Umbrella Nozzles - 1 No.
- Helicone Nozzle - 1 No.
- 60 Deg Jet Nozzles - 3 Nos.
- Support Structures & Frames as required
- GI Steel Railing with Sandwich Acrylic Panels
- Appropriate Railing for access restriction at bottom
14 Platform Multiplay Pen System

It is the centre point of every water park and a fun spot for every child. It offers a whole lot of fun activities like rope climbing, water gun, spray spouts, mini slides, sprinklers and tilting buckets all at one place. It is a very controlled and safe environment for children to indulge in the many fun activities without having to go anywhere else.
Theme Water Fun System 14 Platforms

FRP Platforms - 14 Nos
FRP Staircase - 1050 Ht - 4 Nos
FRP Staircase - 2100 Ht - 3 Nos
850 mm Wide Straight Slide - 1050 Ht - 2 Nos
850 mm Wide Curve Slide - 1750 Ht - 2 Nos
850 mm Wide Family Slide - 3550 Ht
850 mm Wide Straight Slide - 4550 HT
850 mm Wide Tunnel Curve Slide - 4725 Ht
850 mm Wide Curve Slide - 5600 Ht
850 mm Wide Curve Slide - 6125 Ht
850 mm Wide Curve Slide - 6650 Ht
Square Canopy - 4 Nos
Magic Lamp With Splash Roof - 2 Nos
Water Curtains with Mist Nozzles
Water Mist Nozzles - 8 Nos
Umbrella Nozzles - 2 Nos
Helicone Nozzle - 2 Nos
Horizontal Solid Spray Nozzle - 2 Nos
Magic Wheel 3 Nos
Support Structures and Frames as required.
Character Platform Railings
Appropriate Railing for access restriction at bottom
Aqua Funnel

This is a high thrill slide for a family or group of guests. The riders start from 50 ft height in a 9 ft wide tunnel slide with twist and turns and land in funnel of 60 ft dia. Riders oscillate from one side to other until they exit through the back of the funnel into the pool.

Complete with Entry and Exit Slide
Funnel Dia 60 ft
108 " Entry Slide from 50 Feet
Capacity: 4 Person Raft Slide
Including a support structure for the slide
Multi lane

Ranging from 2-10 lanes of different heights and lengths, Multi Lane Slides are sure to give you the thrill of your lives. Its highly innovative serpentine design is bound to give you an exceptionally magical water kingdom experience.

The specially designed sled-type mats allow for high speed head-first riding but with high levels of safety.
Giant Octopus

As the name suggests, Giant Octopus is a slide that will definitely shoot up your adrenaline levels to an absolute high. It's specially designed with open cuts at intervals, along with variations in height and angles to ensure a very high level of safety. Giant Octopus is definitely an innovative concept and its design ensures a fun and impactful ride for all our valued patrons.

Dept: 665mm
Wide: 1571 mm
Slope: 6 to 8 Deg.
Aqua Twister

Aqua Tube is a combination of all the features that a tube slide can offer. Its highly complex twists and turns give you a very fast ride that too in a very short time. It is such an amazing experience that you won't even realize when it ends. Sliding from an elevated height, enclosed in a dark and semi-translucent tube with its twists and turns, and finally, splashing into a shallow pool is an experience that will thrill you to the core.

Dept.: 838/1370 mm
Wide.: 838/1370 mm
Slope.: 6 to 8 Deg.
Flume Raft Slide

If you want to experience fun together with your loved ones, then Flume Raft Slide is your ride. The raft is designed for two or more people. It takes you through different height levels and guarantees a thrilling sensation for each one of you. As you hurtle down the dark and semi-lighted sections, your heart will pound but all you'll hear is the endless screaming and then laughter, when your raft hits the shallow pool of water.

Dept: 685 / 965 mm
Wide: 1570/2130 mm
Slope: 6 to 8 Deg.
Speed Slide

If sliding down a waterfall is your idea of fun, then Speed Slide should be your first choice. Speed Slide is an open slide which drops down from a very elevated height and is designed to give you the ultimate thrill. If you think you are an adrenaline freak, then this is an experience you won't be able to resist. And since it is open, the Speed Slide is also a lot of fun for people to watch.

Dept: 435 mm
Wide: 1025 mm
Slope: 10 to 16 Deg.
Kiddy Slide

We give kids their own share of fun with slides designed especially for them. The choice of slides is vast, with designs ranging from open wide slides to enclosed slides with single open lane and a number of height options. The sight of children laughing, screaming in excitement and enjoying themselves as they slide through to the open shallow pool sure brings a smile to every parent's face.

Family Raft Slide

Dept: 395/915mm
Wide: 2350/2960mm
Slope: 6 to 8 Deg.
Water Cyclone

This is one cyclone that will terrify you, but in a fun way. A highly engineered design with extremely high safety features, Water Cyclone offers you the experience of a cyclone but in a safe and protected environment. This innovative structure has been designed by experts and is powered by centrifugal forces that ensure you don’t drown, while giving you a fun and out of the world experience.

Be sure to enjoy the Bowl Ride Rider as it accelerates down through the steep tunnel before letting you out in an open bowl of water.

Dept: 838mm
Wide: 838 mm
Slope: 14 to 16 Deg.
Bowl: 6.4 Mt. Dia.
**Turbo Water Cyclone**

This ride is a combination of the space bowl and the enclosed fume slide. In a nutshell, it's double the thrills, double the impact and double the features. The best safety measures ensure that your experience is an absolutely exhilarating and magical one.

The Turbo Water Cyclone simulates a cyclone situation in a safe and controlled environment, and when you pass through the enclosed dark tube your heart will skip a beat and you will experience a buzz like never before.

Dia: 1370mm  
Wide: 1370mm  
Slope: 14 to 16 Deg.  
Bowl: 12.2 Mt. Dia.
Boomrango

Experience the twin sensations of riding uphill and down again on this special wave slide. Boomrango provides this absolutely sensational experience that will send your adrenaline levels skyrocketing but with total safety. As you hurtle down from an elevated height and ride up the crest again, Boomrango guarantees an exhilarating experience for you, and an amazing sight for spectators.

Dept: 450mm
Wide: 7160 x 46500 mm
Slope: 14 to 16 Deg.
Free Fall Slide

Give in to gravity and experience the excitement that our Free Fall Slides provide. As you are dropped from a height, feel the chill run down your spine and scream out the silent fear lurking underneath with total abandon. Give in to the excitement and ride the single lane slide that opens up to an open shallow pool of relief.

Dept: 435mm
Wide: 1025 mm
Slope: 10 to 16 Deg.
Drop Slide

- The Loop Slide from 50 ft height
- 36" Tubular Mat Slide with Loop with take off system
- 26" Exit Slide for Landing
- Support Structure for The Slide
- Slide shall be Continuously going down
Wave Pool

This computer controlled, pneumatic wave pool system is a pioneering technology equipped with advanced and innovative features. This product includes small wave pool systems to multipattern performance wave systems that can create the highest man made waves in the world. This fun and exciting technology is here and is ready to take thrills to an absolutely new level.
Specification

- 300 HP Centrifugal Blower with 50 HP Motors 2 Nos (75 Hp X 2 for 150 Hp)
- Motors shall be Kirloskar or Equivalent make
- Air Compressor of Ingersoll Rand or Equivalent make
- Air Control Valves
- Pneumatic Cylinders with complete
- Control Panel with PLC controller for Air control valves Air control valves
- All the above Mechanism shall generate up to 4 different types of Waves.
- The Waves shall be of approx 3 ft height
OUR SUCCESSFUL INSTALLATIONS

**International**

GREECE
S. KOREA
DUBAI
KOREA
SAUDI ARABIA
SAUDI ARABIA
BANGLADESH
BANGLADESH
BANGLADESH, DHAKA
KARACHI, PAKISTAN
KENYA
YEMEN
DAR E SALAM
COLOMBO, SRILANKA
MUSCAT, OMAN

WATER CITY WATER PARK
YONG INN WATER PARADISE
GOLDEN DIRHAM CO.
JEJU WATER PARK
AL SAWAT GROUP
KHALID AL RAJHI TRADING Est
NEPTUNE GROUP
CONCORD ENTERTAINMENT
FUN WORLD
FESTA WATER PARK
WILD WATER LTD.
AL MANAL (FUN CITY)
KUNDUCHI WATER PARK
FUN ZONE
RIYAM AMUSEMENT PARK

**Domestic- India**

GHAZIABAD
BAREILLY
PUNJAB
JALANDHAR
CHANDIGARH
MEERUT
MUSSOURIE
HYDERABAD
DHARAMSHALA
DELHI
BARODA
SURAT
BANGALORE
COCHIN
NEW DELHI
MYSORE
KOLKATA
NAGPUR
JAIPUR
SURAT
SONEPAT
MANOR
GANDHINAGAR
COCHIN
PUNE
AGRA
AURANGABAD
LATUR
RAJKOT
RAJKOT
VAHI
DAMAN
AHMEDABAD
MEHSANA
NAL SAROVAR
SIDHPUR
MALAMPURAM
CHENNAI
SHIRDI
MALDA

FUNDOO WORLD
FUN CITY
DREAM LAND
WONDER LAND AMUSEMENT PARK
SURYA FUN CITY
ELECTRA WORLD
WONDER WORLD AMUSEMENT PARK
RAMOJI FILM CITY
HIMALAYA WONDER
DELHI RIDES
SILVER CITY
JOY & JOY AMUSEMENT PARK
WONDERILLA
VEEGA LAND
KALINDI KUNJ
FUN FORT
AQUATICA
HALDIRAM
PINK PEARL
CHHAB-CHHABA-CHHAB
PHAGU RESORTS
SILVER MILES
AKSHARDHAM
SILVER STORM
RAINBOW LAND
DOLPHIN WATER PARK
H2O WATER PARK
LATUR WATER PARK
GARDEN WATER PARK
KRISHNA WATER PARK
VAIBHAV WATER PARK
MIRASOL
GOYAL WATER PARK
KHAYATI WATER PARK
100 ACRES
SPRINKLE WATER PARK
MALAMPURAM WATER PARK
MGM DISI WORLD
SUN N SAND
MALDA WATER PARK
## Water Slides

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## Kiddies Slides

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## Slides

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<td>L(84) x W(37)</td>
</tr>
<tr>
<td>4 Cyclone</td>
<td>Width: 33&quot; (838mm)</td>
</tr>
<tr>
<td>(Water Cyclone)</td>
<td>Bowl D(31) x H(41)</td>
</tr>
<tr>
<td>5 Fibre Glass Character Slides</td>
<td>Width: 33&quot; (838mm)</td>
</tr>
<tr>
<td>Elephant</td>
<td>Other Models</td>
</tr>
</tbody>
</table>
Water Play Pen

1. Children Water Play Ground Small (3 Platform)
   Features
   - Pipe Falls
   - Single Poly Slide
   - Over Head Water Rain
   - Spiral Slide

2. Children Water Play Ground Small (4 Platform)
   Features
   - Bubble Jet
   - Pipe Falls
   - Tunnel Slide
   - Single Poly Slide
   - Over Head Water Rain
   - Spiral Slide

3. Children Water Play Ground (6 Platform)
   Features
   - Giant Tipping Bucket
   - Bubble Jet

4. Children Water Play Ground (8 Platform)
   Features
   - Pipe Falls
   - Tunnel Slide
   - Climbing Net
   - Crawl Tunnel
   - Double Poly Slide
   - Over Head Water Rain
   - Spiral Slide

5. Multi Stage Water Play Station (10 Platform)

<table>
<thead>
<tr>
<th>Name</th>
<th>Height</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tube 33&quot; Inch</td>
<td>20 ft (6.09 mtrs)</td>
<td>1 no</td>
</tr>
<tr>
<td>Ramp Slide</td>
<td>8 ft (2.44 mtrs)</td>
<td>1 no</td>
</tr>
<tr>
<td>Wet Bubble</td>
<td>8 ft (2.44 mtrs)</td>
<td>1 no</td>
</tr>
<tr>
<td>Body Slide 33&quot; Inch</td>
<td>20 ft (6.09 mtrs)</td>
<td>1 no</td>
</tr>
<tr>
<td>Multi Lane – 2 Lane</td>
<td>12 ft (3.65 mtrs)</td>
<td>2 Lanes</td>
</tr>
<tr>
<td>Hexagonal Platform</td>
<td>From 8 ft (2.44 mtrs) to 24 ft (7.32 mtrs)</td>
<td>9 nos</td>
</tr>
<tr>
<td>Square Platform</td>
<td>From 4 ft (1.22 mtrs) to 12 ft (3.66 mtrs)</td>
<td>1 no</td>
</tr>
<tr>
<td>Rotating Umbrella</td>
<td></td>
<td>2 nos</td>
</tr>
<tr>
<td>Tilting Bucket</td>
<td></td>
<td>1 no</td>
</tr>
<tr>
<td>Rotary Wheel</td>
<td></td>
<td>4 nos</td>
</tr>
<tr>
<td>Roof</td>
<td></td>
<td>4 nos</td>
</tr>
<tr>
<td>Attraction</td>
<td></td>
<td>10 Different Features</td>
</tr>
<tr>
<td>Stair</td>
<td></td>
<td>As Required</td>
</tr>
</tbody>
</table>

Theme Options
- Bird Sanctuary Theme
- Pirate Boat Theme
- Sea World Theme

6. Multi Stage Water Play Station (12 Platform)

<table>
<thead>
<tr>
<th>Name</th>
<th>Height</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tube 33&quot; Inch</td>
<td>24 ft (7.31 mtrs)</td>
<td>1 no</td>
</tr>
<tr>
<td>Tube 33&quot; Inch</td>
<td>16 ft (4.88 mtrs)</td>
<td>1 no</td>
</tr>
<tr>
<td>Ramp Slide</td>
<td>8 ft (2.44 mtrs)</td>
<td>1 no</td>
</tr>
<tr>
<td>Wet Bubble</td>
<td>8 ft (2.44 mtrs)</td>
<td>1 no</td>
</tr>
<tr>
<td>Body Slide 33&quot; Inch</td>
<td>30 ft (9.14 mtrs)</td>
<td>1 no</td>
</tr>
<tr>
<td>Body Slide 33&quot; Inch</td>
<td>20 ft (6.09 mtrs)</td>
<td>1 no</td>
</tr>
<tr>
<td>Multi Lane – 2 Lane</td>
<td>12 ft (3.65 mtrs)</td>
<td>2 Lanes</td>
</tr>
<tr>
<td>Hexagonal Platform</td>
<td>From 8 ft (2.44 mtrs) to 24 ft (7.32 mtrs)</td>
<td>11 nos</td>
</tr>
<tr>
<td>Square Platform</td>
<td>From 4 ft (1.22 mtrs) to 12 ft (3.66 mtrs)</td>
<td>1 no</td>
</tr>
<tr>
<td>Rotating Umbrella</td>
<td></td>
<td>2 nos</td>
</tr>
<tr>
<td>Tilting Bucket</td>
<td></td>
<td>1 no</td>
</tr>
<tr>
<td>Rotary Wheel</td>
<td></td>
<td>4 nos</td>
</tr>
<tr>
<td>Roof</td>
<td></td>
<td>4 nos</td>
</tr>
<tr>
<td>Attraction</td>
<td></td>
<td>10 Different Features</td>
</tr>
<tr>
<td>Stair</td>
<td></td>
<td>As Required</td>
</tr>
</tbody>
</table>

Theme Options
- Bird Sanctuary Theme
- Pirate Boat Theme
- Sea World Theme

Note:
All lengths shown in table are approx. & for general calculation.
Final lengths will be calculated from final drawing.
We are the FIRST one to use RTM technology & multiaxial fibres for WATERSLIDES moulding.
It is better, stronger & lighter then chopped & roving mat.
General Specifications & FRP Construction Procedures.

Water Slides: Configuration of slides shall be as per submitted drawing.

FRP Construction: The FRP (Fiber Reinforced Plastic) is moulded with hand layup method (contact moulding) and is building up as following.

1. Top layer: ISO Neo Pentyl Gel Coat (Scott Bader UK) mixed with high loaded UV Stabilized pigment
2. Second layer: ISO Neo Pentyl Gel Coat (Scott Bader UK)
3. Third layer: Chopped Strand Matt 300 GSM with ISO Resin
4. Fourth Layer: Chopped Strand Matt 450 GSM with ISO Resin
5. Fifth Layer: Chopped Strand Matt 450 GSM with ISO Resin
6. Sixth Layer: Chopped Strand Matt 450 GSM with ISO Resin
7. Seventh Layer: Chopped Strand Matt 450 GSM with ISO Resin
8. Eight Layer: Chopped Strand Matt 450 GSM with ISO Resin
11. Total thickness of Fibre Glass is 5.5mm to 6.0mm and on Flanges it is around 7 to 8 mm

The FRP material are used as follows

1. Chopped strand mat: Owen Corning Ltd. (www.owenscorning.com) or equivalent.
2. Gel coat is of Scott Bader, UK
3. Resin: Satyen Polymers (http://www.satyenpolymers.com) or equivalent.

Slide Joints:

1. The slide joints are water leak proofed with a suitable weather resistant rubble sealant.
2. The assembly of two modules is done with m-10 SS-304 bolts, nuts and washers equispaced at 150mm approximately.

Slide Support

1. The support is fabricated using pre galvanized pipes up to 80-150 nb size.
2. A.M. S profiles used for fitment of the support to the slide are hot dip galvanized.
3. The Pipes confirm to IS 1239.
4. Main supporting pipes will be of class C and Braising support will be of class C.
5. All Base Plates and flanges used will be "D table ."

Support Structure Painting

1. All Welded joints and potential rust points on the galvanized Structure is coated with a special Korean Primer.
2. The structure is then cleaned using Special solvents to clean the surface of oil, grease and dust.
3. 2 Coats of Epoxy Primer is applied as a base coat thro spray painting.
4. Two Coats of PU paint is then applied a good finish and look.
5. The Total DFT Achieved is about 100 microns.