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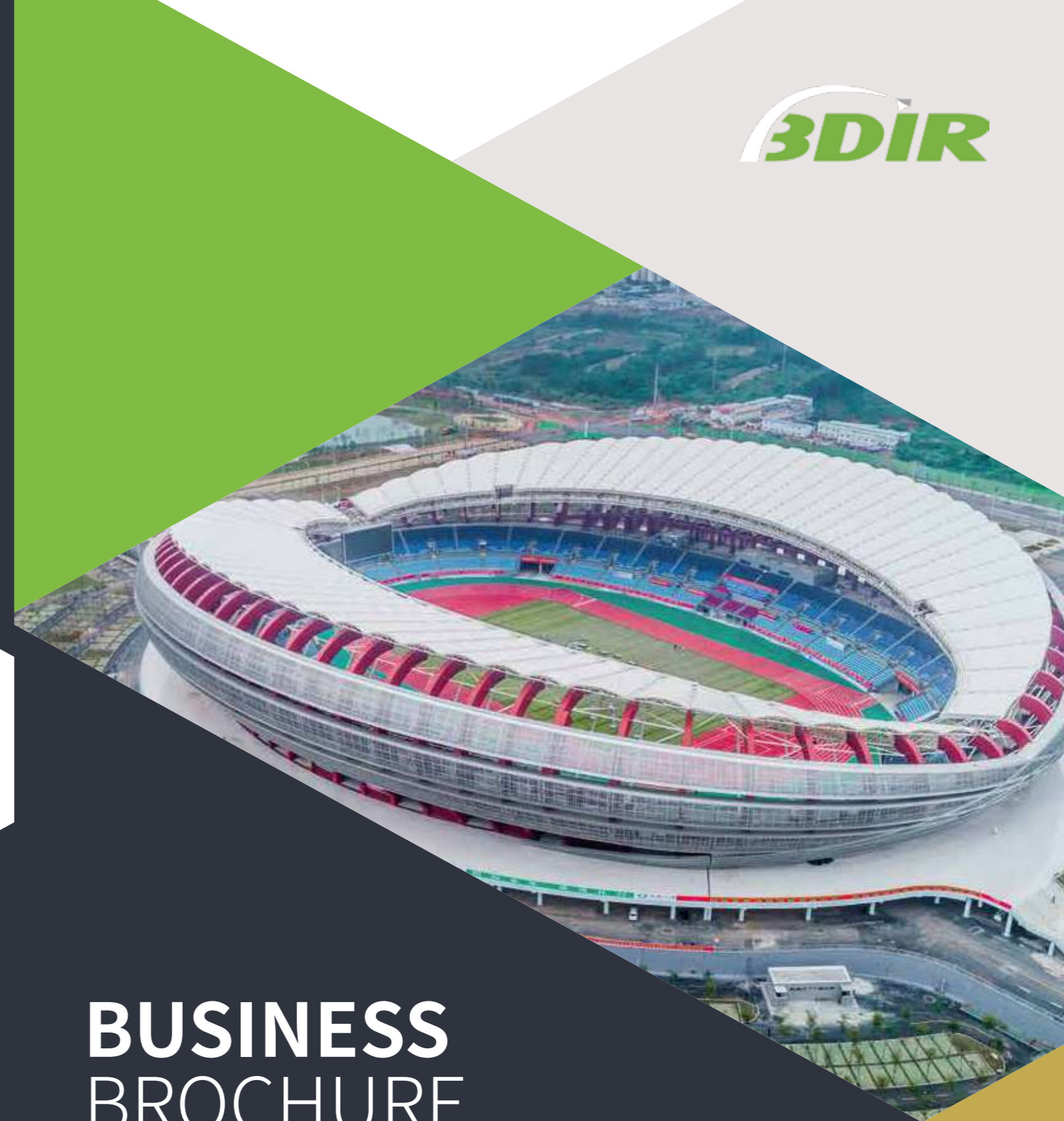
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BUSINESS BROCHURE

Leading manufacturer offers a complete turnkey solution of Fabric Structures

TAGS

12-LEVEL
WIND RESISTANCE

**THERMAL
INSULATION**

DURABLE

100%
WATERPROOF

ANTI-LIGHTNING

ANTI-SEISMIC

**HIGH
SNOW LOAD**

**FAST
INSTALLATION**

COST-EFFECTIVE

ENERGY SAVING

**SUSTAINABLE
DEVELOPMENT**

ECO

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ABOUT BDiR Inc.



Founded in 2008, headquartered in Shenzhen, China, BDiR aims to be the leading manufacturer & supplier for Tensile Structures, offering a turn-key solution from design, engineer, installation to maintenance.

BDiR has been engaged in this industry for more than 10 years. Over the past 10 years, we have served clients from more than 37 countries and regions. By working with the best professionals in this field and using the innovative technology and premium components, we strive to offer outstanding quality products to satisfy every clientele's exact specifications and requirements.

With its great flexibility, fabric structure can be designed into various shapes with an ambience of elegance and simplicity, providing many possibilities and freedom for architects. Besides, the whole engineering process causes much less pollution and impacting to the environment compared with traditional concrete constructions. Therefore, fabric structure has grown in great popularity and wide applications since the beginning of the 21st century.

OUR SERVICES

BDiR is an expert in providing a complete tensile structure solution from design to the final step of installation and maintenance.



Design Services

BDiR has an experienced professional team to come up with optimized design solutions for customers around the world, doing our utmost to satisfy each clientele requirements.



Engineering Services

BDiR engineering services include engineering of the tension fabric structure, which ensures our tensile structures can be certified with local authorities' requirements on the stress, wind, snow, and seismic activities resistant.



Manufacturing Services

BDiR has a skillful manufacture team exceling in cutting, welding, spraying and inspection of membrane materials so that every part of the membrane is prefabricated to ensure fast assembling on site.



Installation Services

BDiR provides reliable on-site installation services to ensure every step of construction is completed efficiently and safely.

WHY CHOOSE BDiR ?





FABRIC PROCESSING FACTORY

Covering an area of 3000 sqm, our fabric processing plant has a full set of automatic machines for fabric inspect, cutting and welding, ensuring that each roll of membrane is qualified our high standards before moving to next step. Coupled with accurate cutting and welding technology, all these can greatly improve the lifespan of our fabrics.



STEEL PROCESSING FACTORY

We use advanced steel processing equipment to perform high quality welding on steel products, removing dirt, rust, oxide scale, welding melt, welding oxide layer, and roughening of sprayed surfaces to ensure high product quality.



PVC& PVDF

PVC has excellent strength, waterproof performance, flexibility, transparency, and durability. It is the most cost-effective and versatile fabric structure material. PVDF is an upgraded version of PVC. Its self-cleaning property, fire resistance, service life, and other indicators are higher than PVC. It is a relatively cost higher PVC.





PTFE

PTFE, or Polytetrafluoroethylene, is a Teflon®-coated woven fiberglass membrane that is extremely durable and tolerant even in the most extreme weather elements. As a permanent membrane material, PTFE is featured by its lightweight and flexibility, good light transmission, fire-resistance, and durability. Thus, it is widely used in various large buildings. PTFE can be installed in very harsh climates.





■ ETFE

ETFE is a kind of new generation plastic having high chemical resistance and mechanical strength over a very wide temperature range. It is a very molecularly stable material. Having 25-30 years of durability, color stability. ETFE, with its unparalleled alternative to traditional materials, is widely applied at the façades and roofs construction.



TENSILE STRUCTURE ADVANTAGES

Large Span

Tensile Structures can create a spacious area spanning over 200m.

Cost Effectiveness

Total expenditure is approximately 1/3 to 1/2 less than traditional concrete buildings.

Excellent Durability

We use premium materials to guarantee that our products excel in durability and longevity.

Good Light Transmission

Our fabrics can provide a rich and soft diffuse natural lighting.



Unique & Diversified Design

With great flexibility, fabric structure can conjure up different stunning shapes.

100% Weatherproof

Fabric structure can withstand even the most severe weather conditions, from frigid polar region to scorching desert.

Eco Friendly

With good solar reflectivity and low solar absorption, the structures can greatly reduce power consumption during the day.

TENSILE STRUCTURE APPLICATION



Parking Shade: Car parking shed, parking lots shade

Sports: Stadiums, Playground stands, Golf driving Range, Basketball courts, Badminton courts, Swimming pool shade, etc.

Transportation: Toll Stations, Charging Stations, Bus Stations, Entrances and Exits, Railway Stations, Airports, etc.

Commercial: Shopping malls, Plaza, Ticket offices, Rooftops, Walkways, Restaurants, Open Air Food Court, Hotels, Bars, Cafes, Facades, Markets, etc.

Landscape: Parks, Squares, Gardens, Recreational resorts, Beaches, Public place, etc.

Leisure & Recreation: Theme park, Water park, Amphitheater, Stage, Circus, Zoo, Aquarium, etc.

Tourism Industry: Live in Tents, Eco Resorts & Hotels, Residential Outdoors

Small Structure: Umbrella, Inverted umbrella shade

Other areas: Industrial, Culture & Arts, Agriculture & Horticulture, Environment, etc.



PARKING SHADE

Unique & elegant design, durability, longevity, UV resistance, anti-corrosion, hail, snow-resistance





STADIUM ROOFING

Large spans, beautiful shapes, energy-efficient, quick construction, easy to maintain, good light transmission, long lifespan, 100% UV-resistance.





SWIMMING POOL SHADE

Our fabrics excel in heat insulation and UV Protection, creating a paradise for swimming lovers where they can fully enjoy the outdoor pool and the energetic hot summer.



AMUSEMENT PARK CANOPY

Benefited from a multipurpose area protected from all-weather conditions! The tensile structure itself is a work of art and provides a striking view in the entrance area. Allowing natural lighting without glare or shadows during the day.





STAGE, AMPHITHEATER CANOPY

Fabric structure can be catered for any type of terrain and climate, coupled with its snappy and chic design, definitely will deliver stunning live experience!



PTFE ROOF & FAÇADE

PTFE fabric is unmatched in terms of aesthetics and durability, which makes it ideal for the application in large scale roof and facade membrane structures.



ETFE ROOF & FACADE

Characterized by lightweight, high breaking strengths, weather resistance and highly resistive to corrosion, ETFE is considered as the most premium fabric material for the constructions of roofing, facade, traditional skylight to long-span structures.





AIR SUPPORTED STRUCTURE

Air domes are qualified for any local building regulations. It is engineered to withstand heavy snow, extreme high or low temperatures and strong winds in all types of environments, suitable for the roofing of sports field, warehouses, industrial facilities, etc.





PROJECT

◆ TENSILE MEMBRANE STRUCTURE OF TUNISIAN PLAYGROUND CANOPY

Location: Tunisian

Project Area: 2,400 sqm

Completion Date: December 2017

We constructed an entrance tensile fabric structure and a large arc roof for the playground covering an expanded area of 2,400 sqm.

PROJECT

◆ TENSILE FABRIC ROOF FOR BUSINESS CENTER SKYLIGHT

Location: Sharm El Sheikh, Egypt

Project Area: 15,000 sqm

Completion Date: June, 2012

The largest membrane structure project for commercial center in Egypt with a floor area of 15,000 sqm made out of quality PTFE + PVDF membrane & a 15-year warranty.





PROJECT

◆ TENSILE FABRIC STRUCTURE FOR LUXES ISLAND SADDLE CLUB

Location: Chengdu, China

Project Area: 2,300 sqm

Completion Date: June, 2016

Owning Asia's largest 200-meter-high grassland arcs, it was honored to be the host place for the Dubai World Cup of horse racing and the Chinese Equestrian Festival.



PROJECT

◆ TONGZI HOLIDAY PARK STAGE CANOPY

Location: Tongzi, China

Project Area: 5,791 sqm

Completion Date: June, 2019

By choosing imported white 1300gsm PVDF, this work is designed to last and causing lowest impacting to the environment.



PROJECT

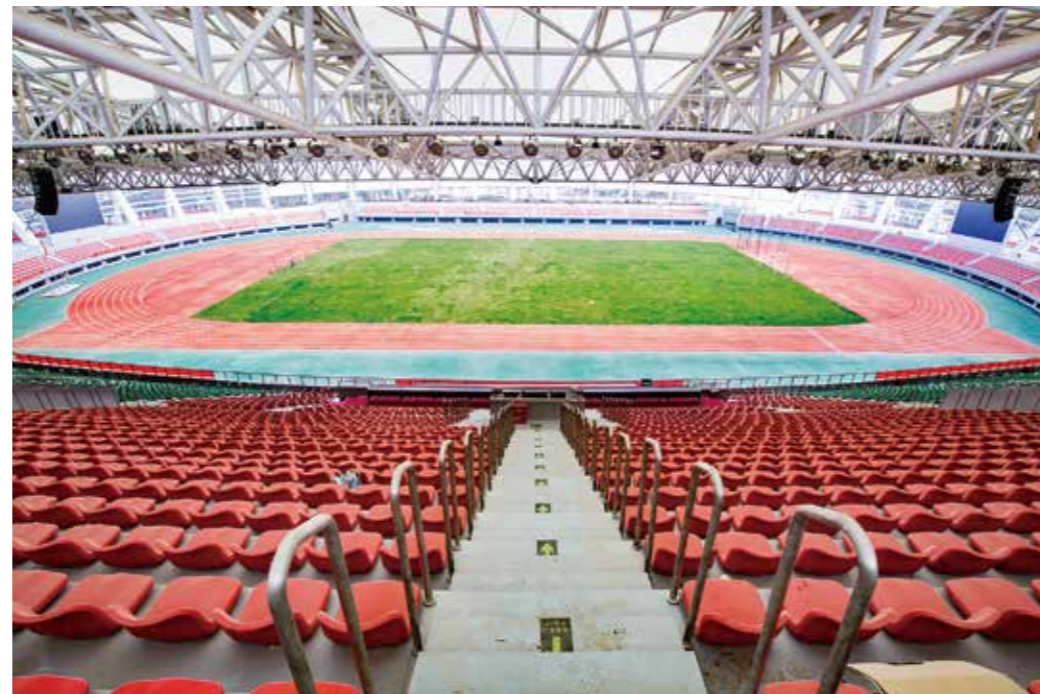
◆ TENSILE PTFE ARCHITECTURE FOR CHANGNAN SPORTS CENTER

Location: Nanchang, china

Project Area: 22,000 sqm

Completion Date: May, 2016

Supported by a steel tube truss membrane structure with a maximum height of 50m, a maximum cantilever length of 60m, and a total area of more than 22,000 sqm.



PROJECT

◆ TAI'AN BAR TENSILE MEMBRANE STRUCTURE HOUSE

Location: Taian, China

Project Area: 600 sqm

Completion Date: June, 2019

Occupied an area of 600 sqm, the roof is used eco-friendly membrane imported from Germany for outer layer, and using teflon for the inner, with heat insulation elements in the middle.





PROJECT

◆ QINGHAI XINING ETFE SKYLIGHT ROOF

Location: Qing Hai, China

Project Area: 7,000 sqm

Completion Date: June, 2016

Supported by strong steel frame and covered with high-performance ETFE, this roofing can fully exploit the natural light and reducing electricity cost and can produce stunning lightening effect.

PROJECT

◆ THE LIANYUNGANG ETFE GREENHOUSE DOME

Location: Lianyungang, China

Project Area: 5,100 sqm

Completion Date: October, 2016

This building consists of three huge honeycomb hemispheres, covering an area of 5,100 sqm. The maximum height is 22 meters and the longest ball is 60 meters.





PROJECT

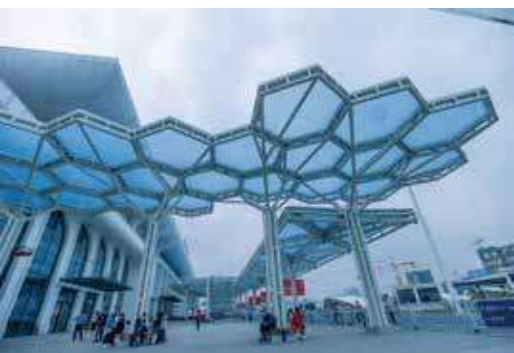
◆ ETFE CANOPY FOR GUANGXI GUIGANG HIGH-SPEED RAIL STATION

Location: Guangxi, China

Project Area: 5,030 sqm

Completion Date: June, 2016

Adopted avant-garde ETFE furnished with colorful LED lighting effects, together to create a visually striking view.





PROJECT

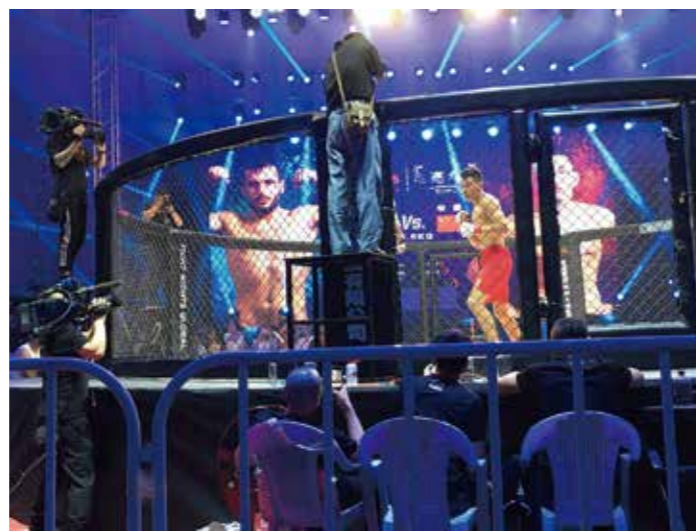
◆ INFLATABLE AIR DOME FOR BOZHOU MMA FIGHTING VENUE

Location: Bozhou, China

Project Area: 3,500 sqm

Completion Date: June, 2018

This dome is 70X50X18m with the capacity of 3500 people. We completed the entire project in only 58 days from design, manufacturing and installation.



MATERIAL PARTNER



TAGS



COOPERATIVE PARTNER

