



# Henan Rihana rides Co.,Ltd.

ADD: No.9-1 LiuDong Road,Pilot Free Trade Zone (Jinshui) ,Zhengzhou,Henan,China

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**Cable car project**

Cooperation project between Henan Rihana Factory and Beijing Design Institute

# 1, Cableway project construction process:



1

**Geological  
Survey/Plan**



2

**Design**



3

**Manufacture/ Civil  
Engineering**



4

**Installation**

**Commissioning**

5



**Training guidance**

6



**Accpect**

7



**Use**

8



## 2, Cableway project construction process:

- 1) Funicular project planning
- 2) Cableway system design
- 3) Prepare a feasibility study report on the construction of passenger ropeway and cable car
- 4) Cableway cost budget
- 5) Ropeway equipment maintenance and maintenance assessment
- 6) Cable car operation and management consultant



# Factory provides complete project solutions!



### 3, Questions we need to know before starting the project:

- 1. Scenic spot investment or personal investment?  
How much is expected to be invested?**
- 2. What is the estimated length?**
- 3. What is the height difference between the upper and lower platforms?**
- 4. What is the estimated carrying capacity? How much passenger traffic is there?**
- 5. Has it been approved by the government?**
- 6. What type of ropeway do you want, box type or chairlift type?**



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**Funicular style  
catalog**

# 1, Pulsatile Ropeway

The pulsating train-type ropeway is a passenger ropeway that performs pulsating operation on the line (fast travel - slow travel - fast travel - slow travel). Double groups of carriages are suspended at equal distances on the carrying ropes with fixed cable holders, and the carriages enter the station. It runs at 0.3-0.5 meters per second, and accelerates to 3-4 meters per second after leaving the station. Its characteristic is that it can adapt to relatively complex terrain, such as large undulating terrain, crossing rivers and bays, and has greater adaptability to the natural environment. It is easy for passengers to get on and off.



Pod style



## Pulsatile Ropeway -- Project cases:



1319m, 6p Cabin, Eastern Provicne, Saude Arabia, 2017



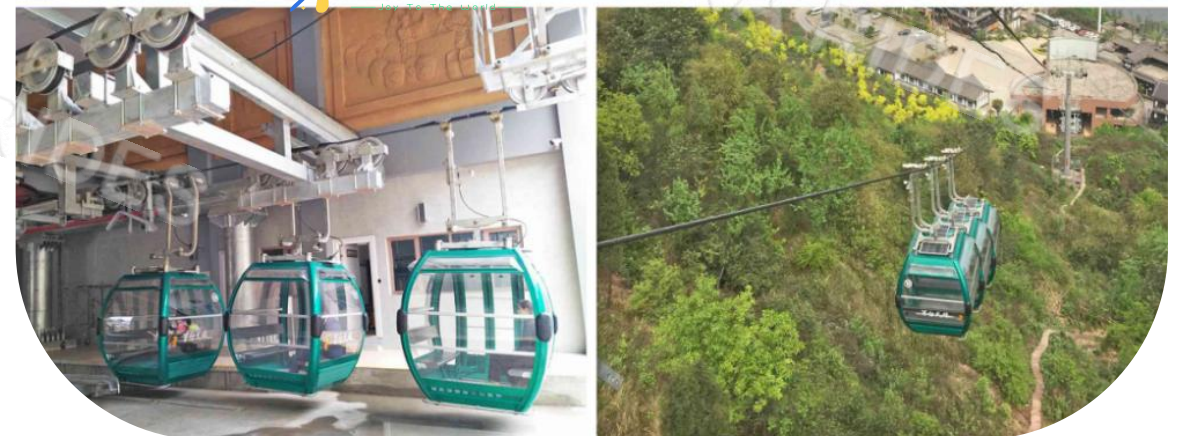
# Pulsatile Ropeway -- Project cases:



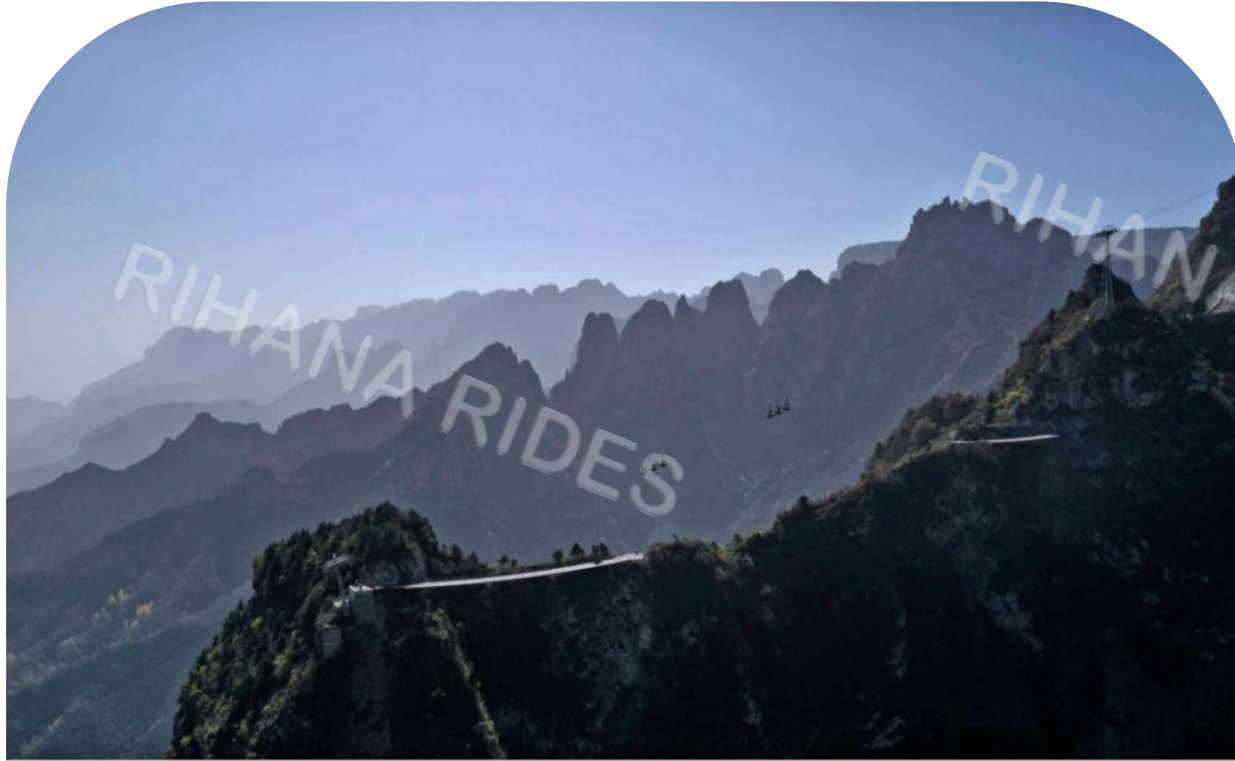
6p cabin, Tajikistan 2019



6p Cabin, Guizhou, china



## Pulsatile Ropeway -- Project cases:



8p Cabin, Xinxiang, Henan



6p Cabin, Laiwu, Shandong, china



# Pulsatile Ropeway -- Project cases:



8p Cabin, Bailixia, Hebei



6p Cabin, Shijiazhuang, Hebei china

## 2, Gondola Lift

**Gondola Lift-4p/2p. One-way transportation capacity: 300 people/hour**

Characteristics:

The circulating gondola cableway is adapted to complex terrain, has panoramic glass windows, and is fully enclosed. Passengers have a strong sense of security, comfortable rides, and are protected from the sun, rain, and wind.



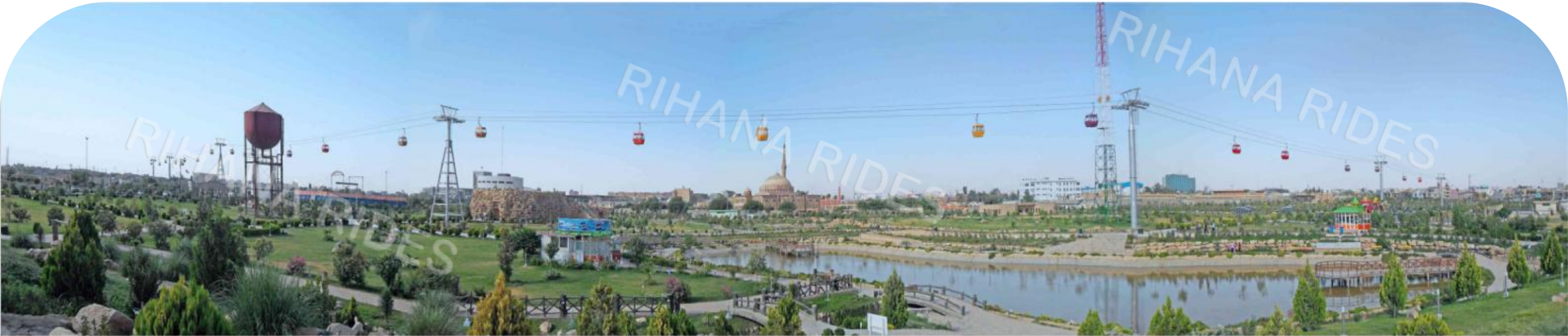
4 people

Pod style



2 people

# Gondola Lift -- Project cases:



Erbil Iraq, 2010

## Gondola Lift -- Project cases:



**Rihana**  
Joy To The World



**Rihana**  
Joy To The World



**Rihana**  
Joy To The World



Zunyi,Guizhou 贵州遵义黄鱼江风景区

Zibo,Shandong 山东淄博马鞍山风景区

Longli,Guizhou 贵州龙里大草原风景区

Huanggang,Hubei 湖北黄冈三角山风景区

Baoding,Hebei 河北保定野三坡风景区

Shijiazhuang,Hebei 河北石家庄五岳寨风景区

Wuhu,Anhui 安徽芜湖马仁奇峰景区

Chishui,Guizhou 贵州赤水燕子岩风景区

### 3, Reversible Aerial Tramway

The reciprocating aerial cable car can easily cross valleys, ravines, rivers and any other uneven, complex and steep terrain. It has a large climbing ability and can span large spans. In addition to its application in tourist attractions, it can also provide solutions for urban transportation. The reciprocating ropeway is the earliest form in the history of ropeway development and still has strong vitality to this day.

**The number of passengers in the gondola is 15, 20, 30, 45, 80, etc.**



10p Cabin Tramway, Zuoquan, Shanxi  
10人往复式索道 山西左权龙泉森林公园



## Reversible Aerial Tramway-- Project cases:

### SHIDU SOUTHEN MOUNT TRAMWAY,BEIJING

#### 北京十渡南山往复索道

长度 Horizontal Length:	1063 米
高差 Vertical Rise:	270 米
运量 Capacity:	430 人/小时
运行速度 Run Speed:	8.0 米/秒

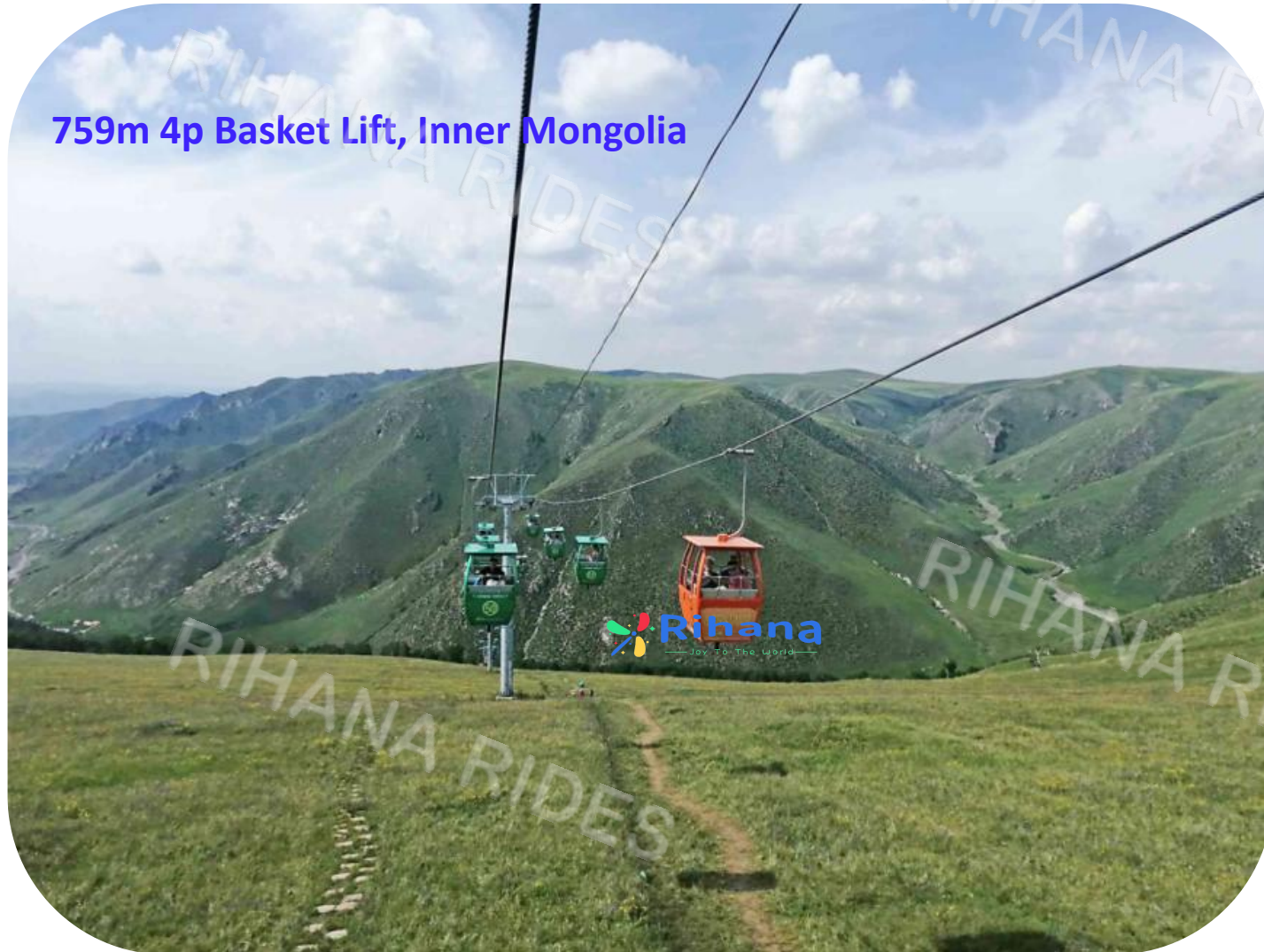


## 4, Basket Lift

The circulating gondola ropeway is suitable for terrains that are higher than the ground. The carrier is semi-enclosed. It has a wide field of vision and good ventilation, and is suitable for high-temperature areas.

**Gondola Lift: 4p/2p.**

759m 4p Basket Lift, Inner Mongolia



# Basket Lift -- Project cases:



4p Basket lift, Miyun, Beijing 四人吊篮式索道 北京密云清凉谷风景区



872m 4p Basket Lift, Yuci, Shanxi 四人吊篮式索道 山西榆次乌金山景区



4p Basket Lift, Binzhou, Shandong



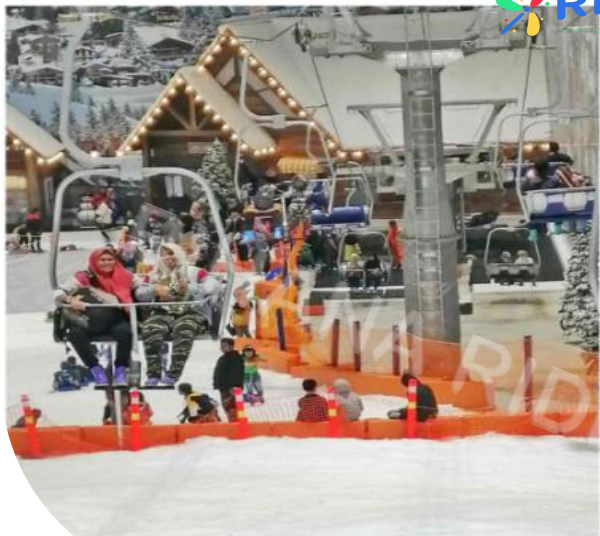
927m 2p Basket&chair Lift, Chongqing

## 5, Chairlift

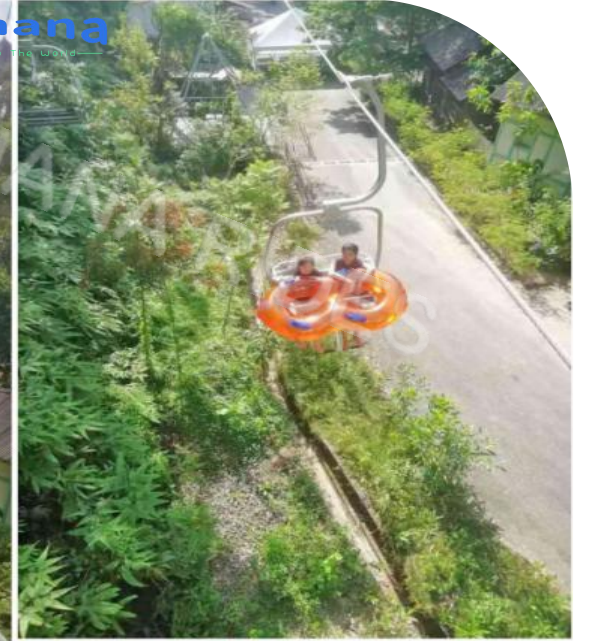
The circulating chairlift ropeway is divided into single, double and 4-person types, which are suitable for areas with simple terrain. It has large transportation capacity, low investment and easy maintenance. Four-person chairlifts are generally used in ski resorts.



# Chairlift -- Project cases:



2P Chairlift, Jakarta, Indonesia ,2019 印度尼西亚



2p Chairlift, Penang, Malaysia, 2019  
马来西亚 檳城

The advantages of the four-person chairlift cableway are: long transportation distance, up to 3,000 meters; suitable for various complex terrains, without too many requirements on the terrain; large transportation capacity, 1,200 people/hour; fast speed, four-person crane The chair ropeway is 1.8 meters/second; the ride is comfortable.



The two-person chairlift ropeway is suitable for intermediate and advanced ski slopes in ski resorts. It has a long transportation distance and is suitable for various terrains. It has a fast speed of 0-2 meters/second; it is equipped with sofa cushions and backrests, which have good warmth retention and comfortable riding.

The single-circuit double-person chairlift ropeway is suitable for areas with simple terrain. It has large transportation capacity, low investment and easy maintenance. For touring and skiing.

