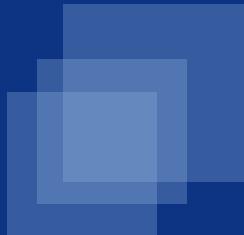


**TaiShan**  
SINCE 1978

TAISHAN | 2025

ATHLETICS SERIES



Taishan Sports

TaiShan Sports Brings Sports Enjoyment To The World

# CATALOGUE

## 01 TAISHAN SPORTS

About Us	02
Company Info	03
Certifications	04

## 02 ATHLETICS SERIES

Runs	06
Junps	21
Throws	39
Timing & Scoring	53

## 03 EVENT CASES

Events	66
Cases Design	68

# 01

## TAISHAN SPORTS

About Us

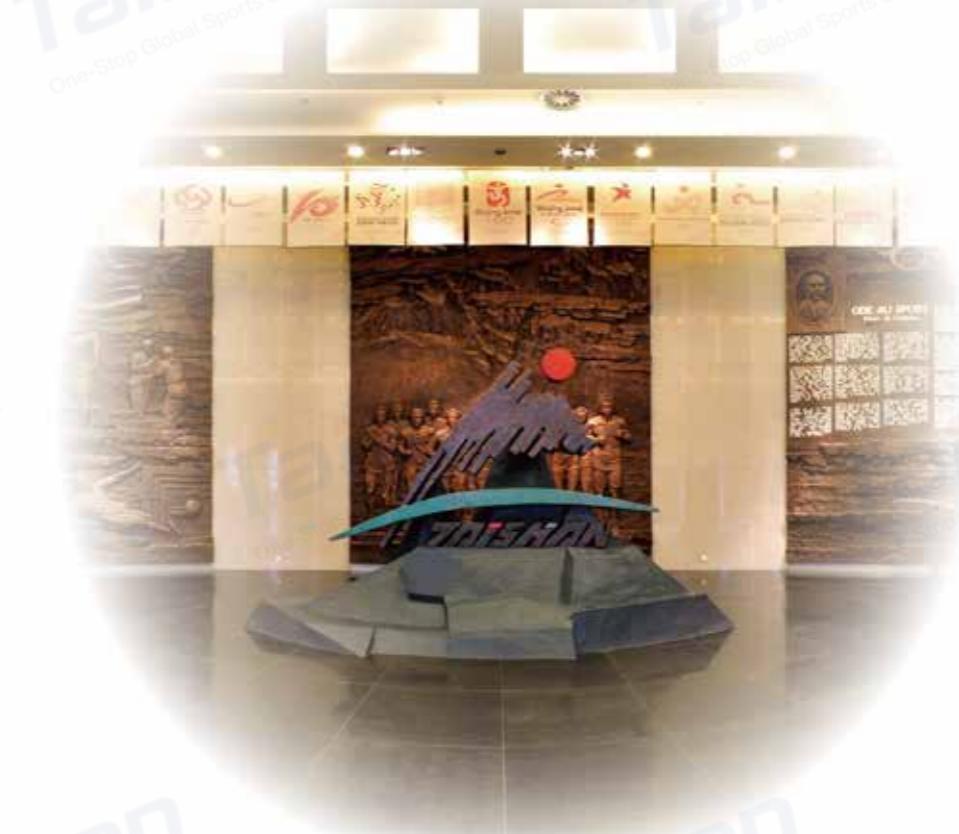
02

Company Info

03

Certifications

04



## —— About Us ——

One-Stop Global Sports Solution Service



### Zero Complaints

We have served more than 1,000 international and domestic top sports events including 6 Olympic Games and 3 Youth Olympic Games, with "Zero Complaints".



### Zero Breakdowns

As the world's top event service provider, We take high product quality seriously and will settle for nothing less than equipment "Zero Breakdown".



### Zero Faults

With "Zero Failure" service level and the value pursuit of "no small matters in game" in mind, we have built the world's leading sports brand.

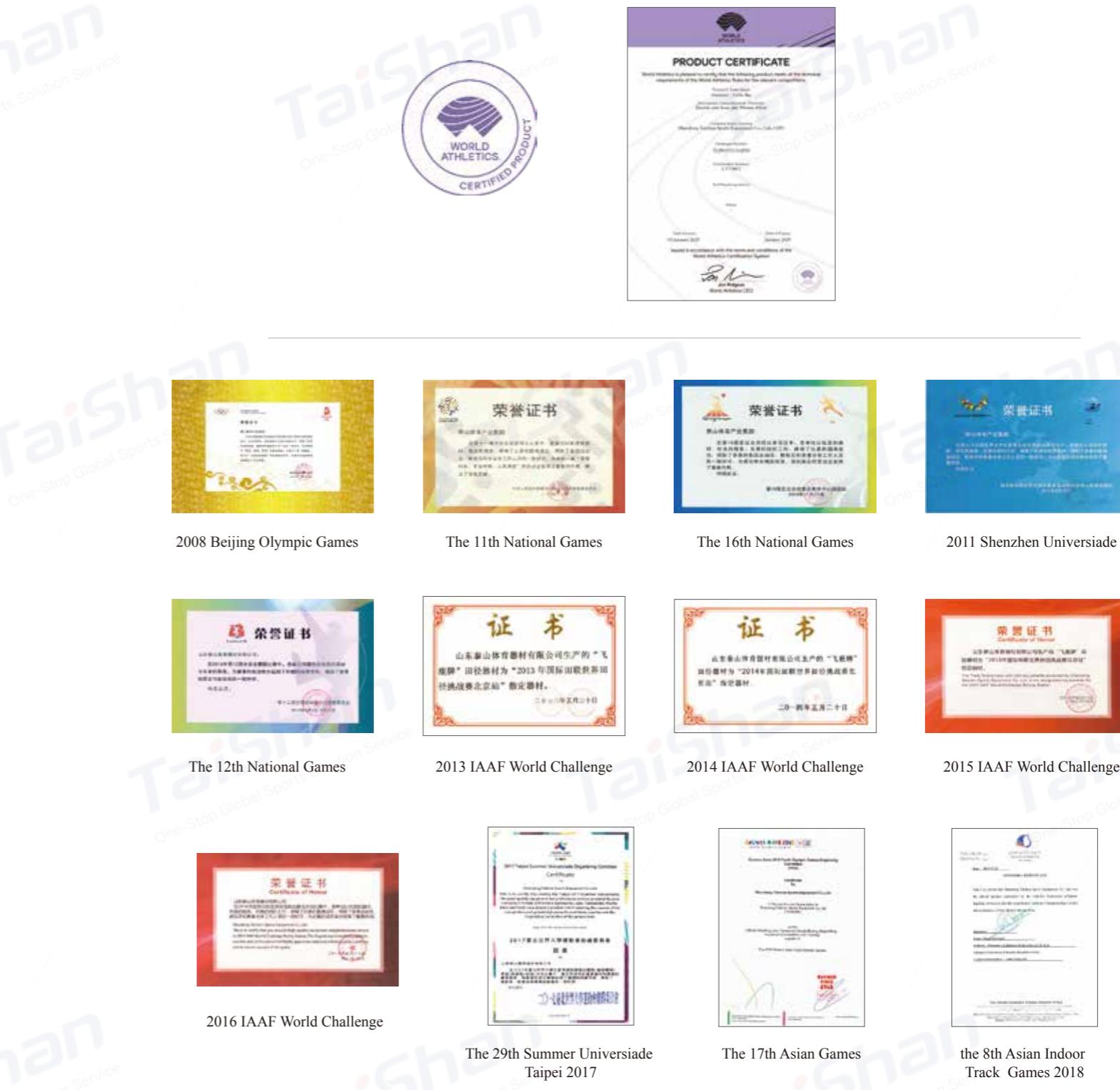
## — Company Info —



As a world-famous sports equipment manufacturer and seller, Taishan Sports is now leading China's sports industry. It has successfully served multiple major sports events, such as Olympic Games, Youth Olympic Games, Asian Games, FISU World University Games, and National Games, using its pioneering CD2S (Consult, Design, Supply, and Service) service model for major sports events. Credited as "an Olympic miracle" by the former IOC president Jacques Rogge, Taishan Sports' high standard service with "Zero Faults, Zero Breakdowns, Zero Complaints" has made itself a proud national brand.

Entitled as National Sports Goods Engineering Technology Research Center, National Industrial Design Center, National Enterprise Technology Center, and Postdoctoral R&D Station, Taishan Sports is fully capable of conducting R&D of and testing on national level sports goods. With nearly 300 patents in hand, it has led and participated in setting over 60 domestic and international sports industry standards. More than 100 of its products have been certified by FIG, IJF, WT, UWW, WA, and IWUF, and its XPE multifunctional sports mats are listed on the China Torch Program. With all of its competitive gymnastic equipment certified by FIG, Taishan Sports has unprecedently adopted carbon fiber composite in production. At the same time, it continues to popularize gymnastic equipment and has come up with products for children and the elderly, creating "Taishan quality shared around the globe". Meanwhile, Taishan Sports is always insisting on continuous technological innovation and material upgrading in other fields.

## — Certifications —



# 02

## ATHLETICS SERIES

Runs  
06-20

Jumps  
21-38

Throws  
39-52

Timing and Scoring  
53-64



**FLF300 (A)**  
**High-grade Competition Starting Block**

- 1. Specification: 900mm×100mm×6mm
- 2. Weight: 7kg
- 3. Color: Silver
- 4. Material: Aluminum alloy
- 5. Performance: Use for competitions



**FLF300 (B)**  
**High-grade Competition Starting Block**

- 1. Specification: 900mm×80mm×6mm
- 2. Weight: 6kg
- 3. Color: Silver
- 4. Material: Aluminum alloy
- 5. Performance: Use for competitions

Runs

Athletics Series



### FLF300 (C)

#### High-grade Competition Starting Block

1. Specification: 900mm×100mm×6mm
2. Weight: 6.85kg
3. Color: Silver
4. Material: Aluminum alloy
5. Performance: Use for competitions



### FLF300 (D)

#### High-grade Competition Starting Block

1. Specification: 900mm×80mm×6mm
2. Weight: 5.85kg
3. Color: Silver
4. Material: Aluminum alloy
5. Performance: Use for competitions



### Starting Block Frame (cart)

Model: TQ1121

1. Specification: 1455mm×600mm×1538mm
2. Weight: About 38kg
3. Color: Peach pink
4. Material: Premium welded steel tube
5. Performance: For storing and transporting starting blocks.



### Competition Hurdle

Model: FLT100 (TQ1118)

1. Specification: 1067mm, 991mm, 914mm, 838mm, 762mm
2. Weight: About 13.5kg
3. Color: red and white
4. Material: The square tubes and welded vertical tubes are made of steel, while the hurdle boards are made of plastic.
5. Performance: The height can be automatically adjusted. Suitable for domestic and international events. Can be used indoor and outdoor.

### Training Hurdle (w/o counterweight)

Model: TQ2114B

1. Specification: 1067mm, 991mm, 914mm, 838mm, 762mm
2. Weight: About 8.5kg
3. Color: red and white
4. Material: The square tubes and welded vertical tubes are made of steel, while the hurdle boards are made of plastic.
5. Performance: For training



### Hurdle Board

Model: TQ1118.02

1. Specification: 1198×70×20mm
2. Weight: About 0.5kg
3. Color: white
4. Material: Plastic
5. Performance: Used on hurdle

### Detachable Training Hurdle

Model: TQW0849

1. Detachable structure
2. Adjustable to 5 heights from 762mm to 1067mm
3. The hurdle legs are 60×40×2mm square tubes and 700mm long in white paint.
4. The bottom bar is 50×25×2mm square tube and 1040mm long in white paint.
5. The inner uprights are Ø28×2 steel tubes and 580mm long in white paint.
6. The outer uprights are Ø32×1.5 steel tubes and 570mm long in blue paint.
7. The hurdle beam is Ø28×1 stainless steel tube and coated in blue and black foam tube.
8. The uprights and the beam are connected through premium molded plastic parts.





### Hurdle Cart

Model: TQ2112

1. Specification: 1513mm×1078mm×965mm
2. Weight: About 48kg
3. Color: Peach pink
4. Material: Premium welded steel tube
5. Performance: Suitable for domestic and international events and can save time and labor during transporting hurdles.

### 3000m Steeplechase Barrier (mobile)

Model: FLT200

1. Specification: adjustable heights, 762/838/914mm
2. Weight: About 85kg
3. Color: Peach pink, black, and white
4. Material: Premium welded steel tubes and pine
5. Performance: Can be used for steeplechase and decathlon.
6. Note: Includes 5m steeplechase barrier (TQ2109)×1 and 3.94m steeplechase barrier (TQ2110)×3. Does not include water pit barrier.



### Steeplechase Barrier (embedded)

Model: FLF210 (TQ2111A)

1. Specification: 3660mm×127mm×(762/838/914)mm
2. Weight: About 60kg
3. Color: Peach pink, black, and white
4. Material: Premium welded steel tubes and pine
5. Performance: Can be used for steeplechase and decathlon.
6. Note: Normally used together with 3000m steeplechase barrier.



### Hurdle Ruler

Model: JS15

1. Specification: 1200mm
2. Weight: 0.6kg
3. Color: Silver gray
4. Material: Stainless Steel
5. Performance: For measuring



### Brass Bell

Model: PAI121

1. Specification: 200mm×120mm
2. Weight: 6kg
3. Color: Brassy yellow
4. Material: Brass
5. Performance: For indicating

### Relay Baton

Model: FLT350

1. Specification: Length 280mm-300mm. diameter 40mm±2mm
2. Weight: 0.05kg
3. Color: Red, black, yellow, blue, white, purple, gray, green.
4. Material: Aluminum alloy
5. Performance: For competitions



### Lane Marker I

Model: BZH07

1. Specification: 460mm
2. Weight: 3.5kg
3. Color: White or red
4. Material: Fiberglass
5. Performance: For marking



### Lane Marker II

Model: BZH08

1. Specification: 470mm
2. Weight: 3.5kg
3. Color: White
4. Material: Fiberglass
5. Performance: For marking



### Lane Marker III

Model: BZH081

1. Specification: 420mm
2. Weight: 1.8kg
3. Color: White
4. Material: Fiberglass
5. Performance: For marking



### Curve Marker

Model: BZH02

1. Specification: 290mm
2. Weight: 0.4 kg
3. Color: Orange
4. Material: Plastic
5. Performance: For warning



### Breakline Marker

Model: TQ1154

1. Specification: 50mm×50mm×130mm
2. Weight: about 0.5 kg
3. Color: Yellow (to differentiate with track color)
4. Material: Wood
5. Performance: Small and easy to fix. For indicating athletes to breakline.



### Starter's Stand

Model: TQ2113  
 1. Specification: 877mm × (1260-1543)mm × (2567-3250)mm  
 2. Weight: about 50kg  
 3. Color: Peach pink  
 4. Material: Steel frame, stainless steel arm, and fiberglass smoke blocker.  
 5. Performance: For judge to signal the start; durable and anti-corrosion.



### Starter's Stand

Model: TQ1146A  
 1. Specification: 739mm×777mm×1300mm  
 2. Color: Peach pink  
 3. Material: Aluminum alloy  
 4. Performance: For judge to signal the start; durable and anti-corrosion



### Lane Race Foul Marker

Model: BZH09  
 1. Specification: 105mm×145mm  
 2. Weight: 0.015kg  
 3. Color: Red and black, yellow and black, black, red  
 4. Material: PVC  
 5. Performance: For referees



### Race Walking Fault Indicator

Model: PAI10  
 1. Specification: φ 120mm, handle length 160mm  
 2. Weight: 0.3kg  
 3. Color: Yellow, red  
 4. Material: Acrylic circle, crystal handle  
 5. Performance: For judges



### Finish Line Pole

Model: TQ1127A  
 1. Specification: φ250mm×1400mm  
 2. Weight: about 7.6kg  
 3. Color: White  
 4. Material: Premium welded steel tubes.  
 5. Performance: Durable and easy to set up. For fixing the red silk finish line ribbon.



### Lap Counter

Model: TQ2131  
 1. Specification: 1525×606×606mm  
 2. Weight: about 25kg  
 3. Color: Peach pink  
 4. Material: Premium welded steel tube.  
 5. Performance: Can attach brass bell. Numbers are from 0 to 9.



### Starter Pistol (2 bullets)

Model: FL131  
 1. Specification: 105×10cm  
 2. Weight: 215kg  
 3. Color: beige  
 4. Material: ABS plastic  
 5. Performance: For starting



### Portable Speaker

Model: QT13  
 1. Specification: 400mm×160mm  
 2. Weight: 0.8kg  
 3. Color: White  
 4. Material: ABS plastic  
 5. Performance: For referees



### Shoe Spike Measurer

Model: JS231  
 1. Specification: 80×80mm  
 2. Weight: 0.38kg  
 3. Color: Silver Gray  
 4. Material: Stainless Steel  
 5. Performance: For measuring shoe spikes



### Barrier Cart

Model: TQ1108  
 1. Specification: 1024mm×823mm×725mm  
 2. Weight: 15kg  
 3. Color: Peach pink  
 4. Material: Premium welded steel tube.  
 5. Performance: Its small size makes it easy to transport barriers.



### Wind Indicator Flag

Model: TQ1132  
 1. Specification: 330mm×240mm×1500mm  
 2. Weight: about 5kg  
 3. Color: Peach pink  
 4. Material: Premium welded steel tubes, silk.  
 5. Performance: Easy to set up. Can indicate wind direction.



### Field Curb

Model: TQ1114  
 1. Specification: L 400m, H 50mm, W 55mm  
 2. Weight: about 435kg  
 3. Color: Silver gray  
 4. Material: Aluminum alloy.  
 5. Performance: Interlocking installation, customized length.



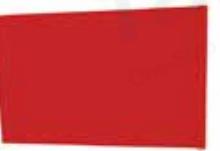
### Field Curb

Model: FLT400  
 1. Specification: L 400m, H 50mm, W 55mm  
 2. Weight: about 225kg  
 3. Color: Silver gray  
 4. Material: Aluminum alloy.  
 5. Performance: Interlocking installation, customized length.



### Starter's Sleeve

Model: FL15  
 1. Specification: φ240mm×350mm  
 2. Weight: about 5kg  
 3. Color: Orange  
 4. Material: Silk  
 5. Performance: For starter



### Cut-in Signal Flag

Model: TQ1136  
 1. Specification: 1500mm  
 2. Weight: about 5kg  
 3. Color: Red, white  
 4. Material: Premium welded steel tubes and silk  
 5. Performance: For signalling cut-in ahead



### Podium (4 people×3)

Model: TQ1106  
 1. Specification: 6000mm×600mm×(200, 350, 500) mm  
 2. Weight: about 145kg  
 3. Color: Peach pink  
 4. Material: Steel frame, wooden board, and carpet.  
 5. Performance: Three levels; for award ceremony; durable.



### Curve Indicating Flag

Model: TQ1134  
 1. Specification: 281mm×240mm×450mm  
 2. Weight: about 3kg  
 3. Color: Peach pink  
 4. Material: Premium welded steel tubes and silk  
 5. Performance: Installed at the beginning of the curve



### Judge Hand Flag

Model: TQZ03  
 1. Specification: Flag 450mm×350mm, stick 500mm  
 2. Weight: 0.4kg  
 3. Color: Black handle; flag can be red, yellow, green, white, blue.  
 4. Material: Plastic handle, PPR stick, silk flag  
 5. Performance: For judges



### Race Walking Foul Record Display Board

Model: PAI11  
 1. Specification: 1000mm×2000mm  
 2. Weight: 25kg  
 3. Color: Adjustable black frame with white board.  
 4. Material: Square tube with paint for the frame; galvanized white board  
 5. Performance: For recording results



## Spraying Cooling System

Model: TQ1164

1. Specification: Can cover 10m×2.5m of track
2. Performance: For marathon, race walking, and running events.



## Folding Massage Bed

Model: TQW0376

1. Specification: 1860×600×(480-720)mm, pillow length 270mm, armrest width 100mm.
2. Weight: 16kg
3. Color: Black bed top, silver bed frame
4. Material: Eco-friendly PVC leather, high density foam, and sturdy aluminum alloy bed frame for durability.
5. Performance: For massaging.



## Super Sopper

Model: CHE10

1. Specification: Roller φ600mm
2. Weight: 43kg
3. Color: White
4. Material: Steel frame, with large size roller.
5. Performance: For removing water on the field.

## Athlete Bench

Model: TQ2135

1. Specification: 2700mm×1817mm×2187mm
2. Weight: about 160kg
3. Color: Peach pink, blue, white
4. Material: Aluminum alloy, shade
5. Performance: For track and field athletes and coaches to rest, can block rain and sun and store things.



## Folding Canopy

Model: TQW0367/1

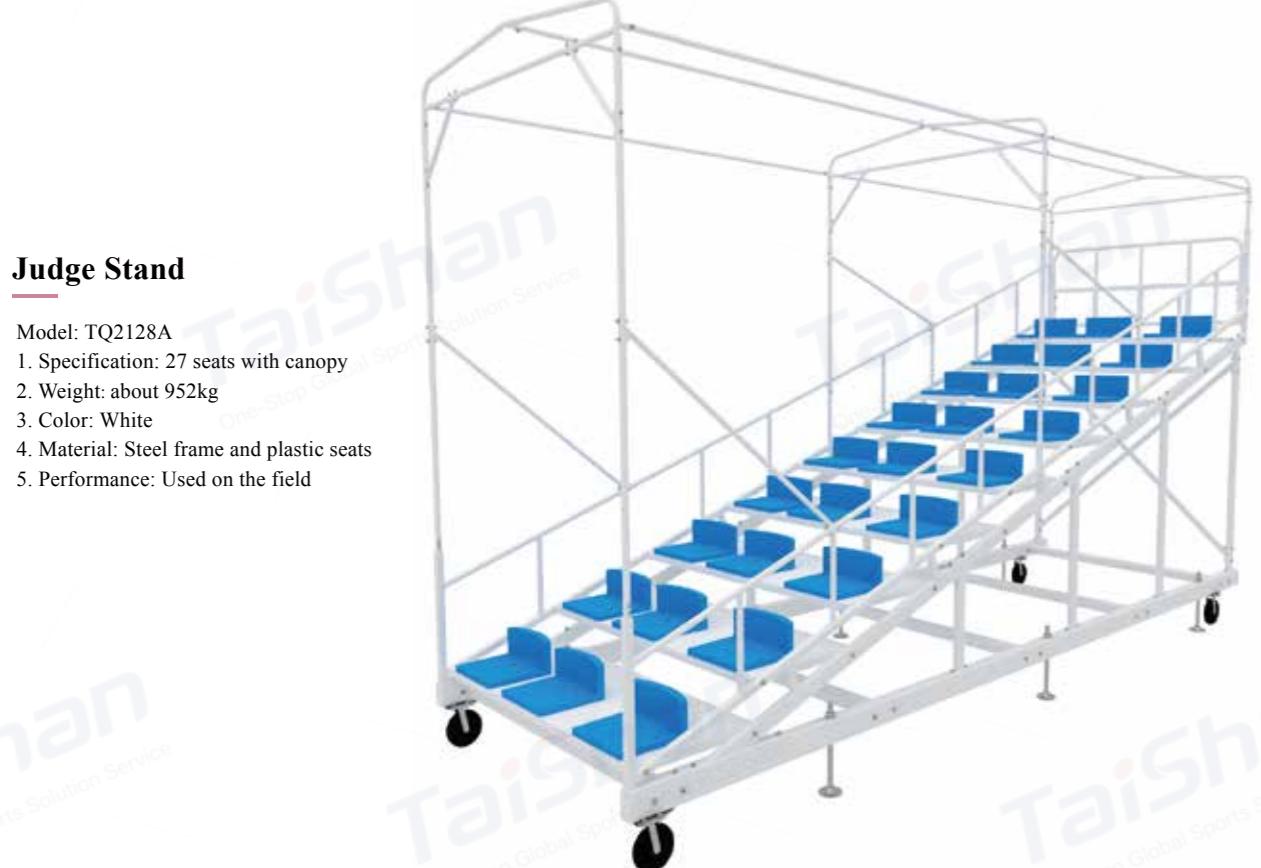
1. Specification: 3000mm×3000mm×2500mm
2. Color: Blue, white
3. Material: Steel frame, PVC canopy.
4. Performance: For blocking rain and sun.



## Steel Bench

Model: TY-011L

1. Specification: 2000mm×470mm×420mm
2. Weight: about 25kg
3. Color: Green
4. Material: Steel
5. Performance: For track and field athletes and coaches to rest.



## Judge Stand

Model: TQ2128A  
 1. Specification: 27 seats with canopy  
 2. Weight: about 952kg  
 3. Color: White  
 4. Material: Steel frame and plastic seats  
 5. Performance: Used on the field



## Sunshade

Model: TQW0367  
 1. Specification:  $\varphi 2700\text{mm}$   
 2. Color: Green  
 3. Material: Aluminum alloy skeleton  
 4. Performance: For blocking rain and sun

## Prefabricated Rubber Running Track

Model: TQWO884

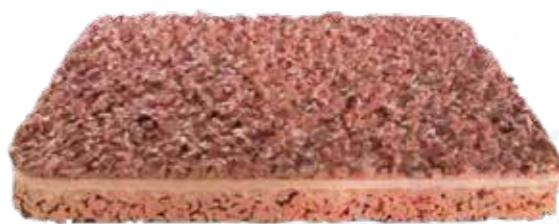
- Product Features:
  - Eco-friendly
  - Easy to maintain
  - Easy to install
  - Highly wear-resistant
  - Highly compression-resistant
  - Highly impact-resistant
  - Safe
  - Outstanding performance
- Color: Multiple colors
- Base material: Concrete or asphalt
- Thickness: 9-13mm
- Certification: WA



## Sandwich(Multi-layered) Rubber Running Track

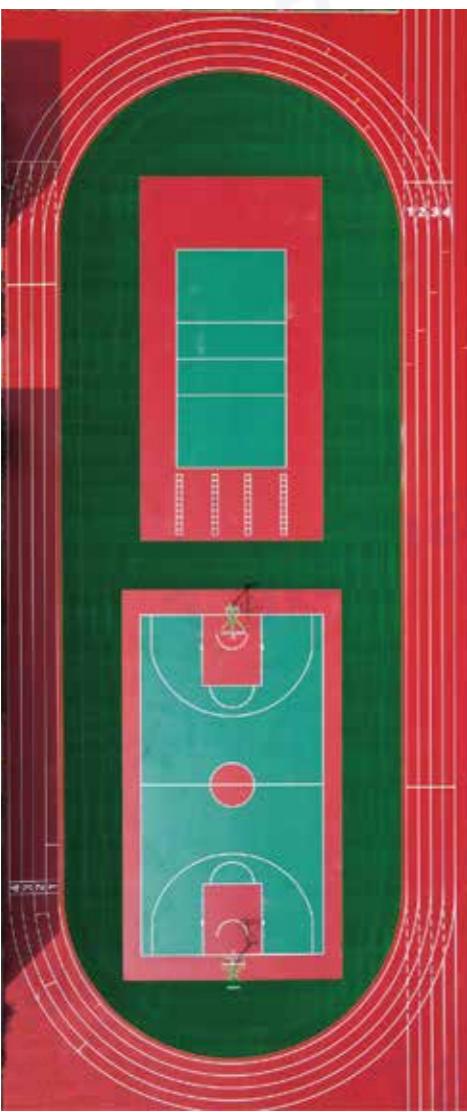
Model: TQWO885

- Product Features:
  - Eco-friendly
  - Economical
  - Easy to maintain
  - Easy to install
  - Highly wear-resistant
  - Highly compression-resistant
  - Highly impact-resistant
  - Safe
  - Weatherproof
  - Outstanding performance
- Color: Multiple colors
- Base material: Concrete or asphalt
- Thickness: 13mm
- Certification: WA



Facilities: All types of athletic field for competition and training, including those at school facilities from elementary schools to colleges, and sport stadiums

## PROJECT CASE

**Judge Stand**

Model: TL12

1. Specification: Retractable with 24 seats
2. Weight: 300kg
3. Color: White, blue
4. Material: Steel frame and plastic seats.
5. Performance:

Stretching Dimensions: 5400mm(L)×1700mm(W)×2900mm(H), Shrinking Dimensions: 2700mm(L)×1700mm(W)×2900mm(H). Step size: 250 mm. The judges' platform has 8 steps, with 3 seats on each step. The bottom frame of the judges' platform is made by splicing 50×100×3 mm rectangular tubes and 40×60×3 mm square tubes, and the bottom moving wheels are ø150 mm.

**Stopwatch**

Model	Name	Specification	Weight	Color	Material
PC3830A	30 lap stopwatch	82mm×62mm×23mm	0.068kg	Black	ABS
PC3860	60 lap stopwatch	82mm×62mm×23mm	0.068kg		
PC100D	100 lap stopwatch	88mm×60mm×21mm	0.064kg		

# Jumps

## Athletics Series



Model	Test Weight
325/35	35kg/75lbs
325/40	40kg/90lbs
325/45	45kg/100lbs
325/50	50kg/110lbs
325/54	54kg/120lbs
350/40	40kg/90lbs
350/45	45kg/100lbs
350/50	50kg/110lbs
350/54	54kg/120lbs
350/59	59kg/130lbs
350/63	63kg/140lbs
370/50	50kg/110lbs
370/54	54kg/120lbs
370/59	59kg/130lbs
370/63	63kg/140lbs
370/68	68kg/150lbs
370/73	73kg/160lbs
370/77	77kg/170lbs
400/54	54kg/120lbs
400/57	57kg/125lbs
400/59	59kg/130lbs
400/61	61kg/135lbs
400/63	63kg/140lbs
400/66	66kg/145lbs
400/68	68kg/150lbs
400/70	70kg/155lbs
400/73	73kg/160lbs
400/75	75kg/165lbs
400/77	77kg/170lbs
400/80	80kg/175lbs
400/82	82kg/180lbs

Model	Test Weight	Model	Test Weight	Model	Test Weight
415/57	57kg/125lbs	445/80	80kg/175lbs	490/68	68kg/150lbs
415/59	59kg/130lbs	445/82	82kg/180lbs	490/70	70kg/155lbs
415/61	61kg/135lbs	445/84	84kg/185lbs	490/73	73kg/160lbs
415/63	63kg/140lbs	445/86	86kg/190lbs	490/75	75kg/165lbs
415/66	66kg/145lbs	445/88	88kg/195lbs	490/77	77kg/170lbs
415/68	68kg/150lbs			490/80	80kg/175lbs
415/70	70kg/155lbs	460/63	63kg/140lbs	490/82	82kg/180lbs
415/73	73kg/160lbs	460/66	66kg/145lbs	490/84	84kg/185lbs
415/75	75kg/165lbs	460/68	68kg/150lbs	490/86	86kg/190lbs
415/77	77kg/170lbs	460/70	70kg/155lbs	490/88	88kg/195lbs
430/57	57kg/125lbs	460/73	73kg/160lbs	490/91	91kg/200lbs
430/59	59kg/130lbs	460/77	77kg/170lbs	490/93	93kg/205lbs
430/61	61kg/135lbs	460/80	80kg/175lbs	490/95	95kg/210lbs
430/63	63kg/140lbs	460/82	82kg/180lbs	500/80	80kg/175lbs
430/66	66kg/145lbs	460/84	84kg/185lbs	500/82	82kg/180lbs
430/68	68kg/150lbs	460/86	86kg/190lbs	500/84	84kg/185lbs
430/70	70kg/155lbs	460/88	88kg/195lbs	500/86	86kg/190lbs
430/73	73kg/160lbs	460/91	91kg/200lbs	500/88	88kg/195lbs
430/75	75kg/165lbs	475/66	66kg/145lbs	500/91	91kg/200lbs
430/77	77kg/170lbs	475/68	68kg/150lbs	500/93	93kg/205lbs
430/80	80kg/175lbs	475/70	70kg/155lbs	500/95	95kg/210lbs
430/82	82kg/180lbs	475/73	73kg/160lbs	520/82	82kg/180lbs
430/84	84kg/185lbs	475/75	75kg/165lbs	520/84	84kg/185lbs
		475/77	77kg/170lbs	520/86	86kg/185lbs
445/59	59kg/130lbs	475/80	80kg/175lbs	520/88	88kg/195lbs
445/61	61kg/135lbs	475/82	82kg/180lbs	520/91	91kg/200lbs
445/63	63kg/140lbs	475/84	84kg/185lbs	520/93	93kg/205lbs
445/66	66kg/145lbs	475/86	86kg/190lbs	520/95	95kg/210lbs
445/68	68kg/150lbs	475/88	88kg/195lbs	520/97	97kg/215lbs
445/70	70kg/155lbs	475/91	91kg/200lbs	520/100	100kg/220lbs
445/73	73kg/160lbs	475/93	93kg/205lbs		
445/75	75kg/165lbs	475/95	95kg/210lbs		



## High Jump Mat

Model	Specification (mm)	Color	Material	Performance	Certification
FLF420	6000×4150×770	Blue and Pink (Customizable)	High-quality PVC mesh, high-quality PVC woven fabric, super soft sponge, XPE	For high jump competition and training	
TQ1572	6000×4150×700				
TQ2559	3150×5000×700				

## High Jump Landing Mat Base Frame



- Model: TQ1125A
- Specification: 3800mm×5800mm×100mm
- Color: metal color
- Material: aluminum alloy
- Performance: This platform is to be used together with the 6000mm×4150mm mat. It is weather proof and breathable, and can prolong the service life of the mat.

- Model: TQ1125A/1
- Specification: 2800mm×4800mm×100mm
- Color: metal color
- Material: aluminum alloy
- Performance: This platform is to be used together with the 5000mm×3150mm mat. It is weather proof and breathable, and can prolong the service life of the mat.

Name	Model	Specification(mm)	Material
High Jump Mesh Cover	TQ2559.01	3150×5000×100	Soft mesh and extra soft foam
High Jump Mesh Cover	TQ1572.01	4150×6000×100	Soft mesh and extra soft foam



## High Jump Mat Cover with Steel Frame

- Model: TQ2104B
- Specification: for 6000mm×4150mm mat
- Weight: about 800kg
- Color: blue
- Material: high quality welded steel tubes
- Performance: This mat accessory can cover and protect the mat. Casters on the bottom make it easy to move.



## Mat Cover with Steel Frame (for 4\*6)

- Model: TQ2104A
- Specification: for 6000mm×4150mm mat
- Weight: about 300kg
- Color: blue cover and silver white frame
- Material: aluminum alloy frame
- Performance: This mat accessory can cover and protect the mat. Casters on the bottom make it easy to move.



## Pole Vault Mats

Model	Specification (mm)	Color	Material	Performance	Certification
FLF520	9000×7000×800	Blue and Pink (Customizable)	High-quality PVC mesh, high-quality PVC woven fabric, super soft sponge, XPE	For pole vault competition and training	
TQ1593	6600×8200×800				



## Pole Vault Platform

- Model: TQ1151A
- Specification: 8800mm×6800mm×100mm
- Color: metal color
- Material: aluminum alloy
- Performance: This platform is to be used together with the 9000mm×7000mm mat. It is weather proof and breathable, and can prolong the service life of the mat.

- Model: TQ1151A/1
- Specification: 8000mm×6400mm×100mm
- Color: metal color
- Material: aluminum alloy
- Performance: This platform is to be used together with the 8200mm×6600mm mat. It is weather proof and breathable, and can prolong the service life of the mat.

Name	Model	Specification(mm)	Material
Pole Vault Mesh Cover	TQ1593.10	6600×8200×100	Soft mesh and extra soft foam
Pole Vault Mesh Cover	TQ1594.08	9000×7000×100	Soft mesh and extra soft foam



## Pole Vault Mat Cover with Steel Frame

- Model: TQ2118A
- Specification: for 9000mm×7000mm mat
- Weight: about 1017kg
- Color: blue cover and silver white frame
- Material: aluminum alloy frame
- Performance: This mat accessory can cover and protect the mat. Casters on the bottom make it easy to move.



## Mat Cover with Steel Frame

- Model: TQW22000013
- Specification: for 6000mm×4150mm foam mat; 1.2mm thick side boards; 2mm thick tubes for the frame; φ150mm red casters.
- Weight: about 900kg
- Color: blue

**High Jump Crossbar**

- Model: FLF410 (WA approved)
- Specification: 4000mm
- Weight: 2kg
- Color: red and yellow
- Material: fiberglass
- Performance: for training or competition

- Model: FLF410 (A)
- Specification: 4000mm
- Weight: 2kg
- Color: red and yellow
- Material: carbonfiber
- Performance: for training or competition

**High Jump Standard**

- Model: TQ1140/1 (FLF400)
- Specification: adjustable height from 600mm to 2600mm with 2000mm adjustment range
- Weight: 25kg
- Color: gold
- Material: aluminum alloy upright
- Performance: for training or competition

**Pole Vault Crossbar**

- Model: FLF510 (WA approved)
- Specification: 4500mm
- Weight: 2.23kg
- Color: red and yellow
- Material: fiberglass
- Performance: for training or competition

- Model: FLF510 (A)
- Specification: 4500mm
- Weight: 2.23kg
- Color: red and yellow
- Material: carbonfiber
- Performance: for training or competition

**Electric High Jump Standard  
(with mobile base)**

- Model: TQ1158A (FLF500E)
- Specification: adjustable height from 1800mm to 6260mm with 4460mm adjustment range
- Weight: about 536kg
- Color: Peach pink / silver grey
- Material: aluminum alloy upright, steel base
- Performance: This product adopts advanced PLC computer control system. The transmission system adopts imported high-precision transmission rail. The lifting precision can be accurate to 0.5mm. The frame distance and lifting height can be carried out at the same time, so that the game is more convenient and more time-saving. It uses 220V power.

**Elastic Crossbar**

- Model: TQ2132
- Specification:  $\varnothing 30\text{mm} \times 4000\text{mm}$
- Color: white and black
- Material: soft material
- Performance: can effectively avoid injury in high jump training



### Manual Pole Vault Standard

- Model: FLF500
- Specification: adjustable height from 1800mm to 6500mm with 4700mm adjustment range.
- Weight: 200kg
- Color: white upright and blue base.
- Material: aluminum alloy upright, steel base.
- Performance: for manually adjusting height in competition.



### Manual Pole Vault Standard (digital)

- Model: TQ1163
- Specification: 1800mm—6500mm
- Weight: 220kg
- Color: Peach pink / silver grey
- Material: aluminum alloy upright, steel base.
- Performance: digital; for manually adjusting height in competition.



### Type I High Jump Standard

- Model: TQW22000002
- Aluminum alloy upright, steel base.
- The upright brushed and anodized with grey.
- The fixed upright made of 1450×60×45mm and 1.5mm thick square tube.
- The retractable upright made of 1380×40×45mm and 1.5mm thick square tube.
- The upright end plugs made of 4mm thick aluminum sheet.
- The base made of 3mm thick iron plate.
- The base adjusting screw made of φ50 aluminum shell, POM, and stainless steel.
- The base counterweight is barbell plates.



### High Jump Measuring Device

- Model: TG17
- Specification: 1200mm—2500mm
- Weight: 2kg
- Color: yellow and silver grey
- Material: aluminum alloy
- Performance: for measuring height



### Pole Vault Measuring Device

- Model: CHG191
- Specification: 2000mm—6400mm
- Weight: 4kg
- Color: silver grey
- Material: aluminum alloy
- Performance: for measuring height



### Crossbar Lifting Fork

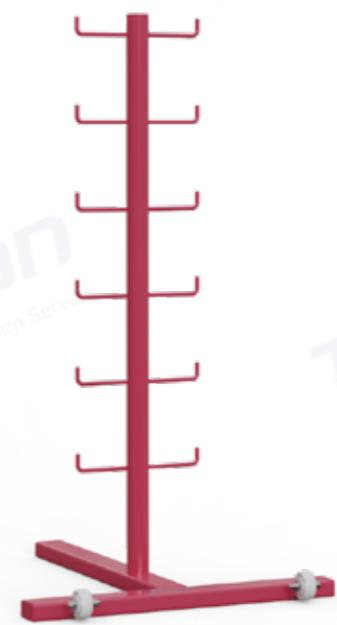
- Model: CHG18
- Specification: length adjustment range 5000mm
- Weight: 3kg
- Color: silver grey
- Material: aluminum alloy
- Performance: for lifting crossbar

**Crossbar Cart**

- Model: TQ1109
- Specification: 1968mm×620mm×1409mm
- Weight: about 34kg
- Color: Peach pink
- Material: high quality welded steel tubes
- Performance: durable, light, and mobile; can be used in competition for transporting crossbars

**Vaulting Pole Cart**

- Model: TQ1128A
- Specification: 718mm×604mm×1002mm
- Weight: 15kg
- Color: Peach pink
- Material: high quality welded steel tubes
- Performance: durable, light, and mobile; can be used in competition for placing vaulting poles

**Distance Indicator**

- Model: TQ2101
- Specification: 4000mm×508mm×555mm
- Weight: 30kg
- Color: Peach pink
- Material: steel frame
- Performance: for indicating long jump distance

**Chalk Stand**

- Model: TQW0049
- Specification: 900mm
- Weight: 17kg
- Color: white
- Material: painted iron base, fiberglass box
- Performance: for containing chalk

**Tape Measure**

Model	Name	Weight	Color	Material
CL11	100m steel measuring tape	1.75kg	Yellow	Steel
CL12	50m steel measuring tape	1.5kg		
CL13	30m steel measuring tape	1kg		
CL15	50m fiber measuring tape	1kg	Silver grey	Fiber
CL16	30m fiber measuring tape	0.5kg		



### Take-Off Board Box (with lid)

- Model: TQ1144/2
- Specification: used with 340mm take-off board
- Weight: 34kg
- Color: silver grey
- Material: galvanized iron
- Performance: for long jump



### Take-Off Board Box (with lid)

- Model: TQ1144
- Specification: used with 300mm take-off board
- Weight: 31kg
- Color: silver grey
- Material: galvanized iron
- Performance: for long jump



### Take-Off Board

- Model: FLF900 (A)
- Specification: 1220×340×100 mm
- Weight: 8kg
- Color: white
- Material: wood with paint
- Performance: for long jump



### Take-Off Board

- Model: FLF900 (B)
- Specification: 1220×300×100 mm
- Weight: 7kg
- Color: red and white
- Material: wood with paint
- Performance: for long jump



### Pole Vault Box

- Model: FLF530 (WA approved)
- Specification: WA standard size
- Weight: 30kg
- Color: white
- Material: stainless steel
- Performance: for training and competition



- Model: TQ1133/1
- Specification: WA standard size
- Weight: 30kg
- Color: white
- Material: steel
- Performance: for training and competition



### Take-Off Board Marker

- Model: TY08
- Specification: 400×330×310mm
- Weight: 1.3kg
- Color: blue and white
- Material: fiberglass
- Performance: for long jump

**Line Marker**

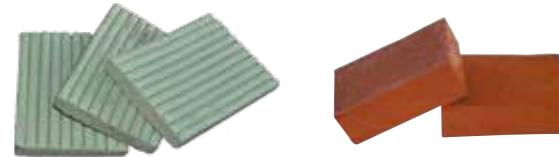
- Model: CHE12
- Specification: 33×33×75cm
- Weight: 7.8kg
- Color: red
- Material: steel tubes, large size wheels
- Performance: for marking lines

**Plasticine Indicator Cart**

- Model: TQ1123A
- Specification: 1534×522×1200 mm
- Color: Peach pink
- Material: steel
- Performance: durable, light, and mobile; can be used in competition for placing plasticine boards

**Plasticine**

- Model: TY07
- Color: green, red, yellow, and blue  
(choose color in contract with that of the track)
- Material: eco-friendly plasticine
- Performance: for long jump

**Cloth Storage Box**

- Model: TQW2200005
- Specification: 68×49×40 cm

**Plasticine Board**

- Model: TY05
- Specification: 1220mm×100mm×27mm
- Weight: 1kg
- Color: red
- Material: painted wood
- Performance: for long jump

**成绩公告牌****Score Board**

- Model: PAI09
- Specification: 1000mm×2000mm
- Weight: about 10kg
- Color: adjustable black frame, white board
- Material: painted square tubes for the base, galvanized white board
- Performance: for recording athletes' scores

**Bar Height Board**

- Model: CHG20
- Specification: 1000mm×2000mm
- Weight: about 10kg
- Color: adjustable black frame, white board
- Material: painted square tubes for the base, galvanized white board
- Performance: for recording athletes' scores





### Landing Spot Spike

- Model: TQ1120
- Specification: 750mm long
- Weight: about 0.5kg
- Color: Peach pink
- Material: High-quality round steel
- Performance: easy to carry and mark



### Marker Flag / Record Flag

- Model: TQ1145
- Specification: φ240mm×700mm
- Weight: about 3kg
- Color: Peach pink
- Material: high quality welded steel tube, silk
- Performance: can flap in the wind to give clear marks; the base is stable.



### U-Shape Nail

- Model: CHE172
- Specification: 52mm wide
- Weight: 0.005kg
- Color: silver grey
- Material: galvanized iron
- Performance: for competition



### Stop Sign Cone

- Model: BZH01
- Specification: 675mm
- Weight: 5kg
- Color: orange
- Material: plastic
- Performance: for marking



### High Jump Score Board

- Model: TG18
- Specification: 1200×800 mm
- Weight: 15kg
- Color: blue base, silver grey upright
- Material: Stainless steel frame
- Performance: 750mm × 300mm × (1200 - 1800)mm, tripod base, adjustable height; manual flip sign board.



### Trolley

- Model: TQ2115B
- Specification: 2075mm×1000mm×1037mm
- Weight: about 62kg
- Color: Peach pink
- Material: high quality metal
- Performance: for transporting light objects in the field.

### Number Marker

- Model: TY09
- Specification: 80×80mm
- Weight: 0.1kg
- Color: multiple color options
- Material: acrylic
- Performance: for marking



### Score Board (height/distance)

- Model: PAI05
- Specification: 800×2000×1000 mm
- Weight: 25kg
- Color: blue main body, red and white cards, black rubber wheels
- Material: rubber wheels, steel main body, plastic cards
- Performance: for displaying score



### Iron Flag

- Model: TQ1135A
- Specification: 254×128×8 mm
- Weight: about 0.5kg
- Color: Peach pink
- Material: high quality metal
- Performance: easy to carry and mark



### Bamboo Slips and Slip Container for Drawing Lots

- Model: QT04
- Specification: 400×300mm
- Weight: 1kg
- Color: wooden color
- Material: bamboo
- Performance: for drawing lots

# Throws

## Athletics Series



### Carbon Fiber Javelin

- Model: TZ1002-65
- Specification: 2200—2300mm
- Weight: 600g
- Distance Grade: 65m
- Material: Carbon Fiber



- Model: TZ1002-70
- Specification: 2200—2300mm
- Weight: 600g
- Distance Grade: 70m
- Material: Carbon Fiber



- Model: TZ1002-75
- Specification: 2200—2300mm
- Weight: 600g
- Distance Grade: 75m
- Material: Carbon Fiber



- Model: TZ1001-90
- Specification: 2600—2700mm
- Weight: 800g
- Distance Grade: 90m
- Material: Carbon Fiber



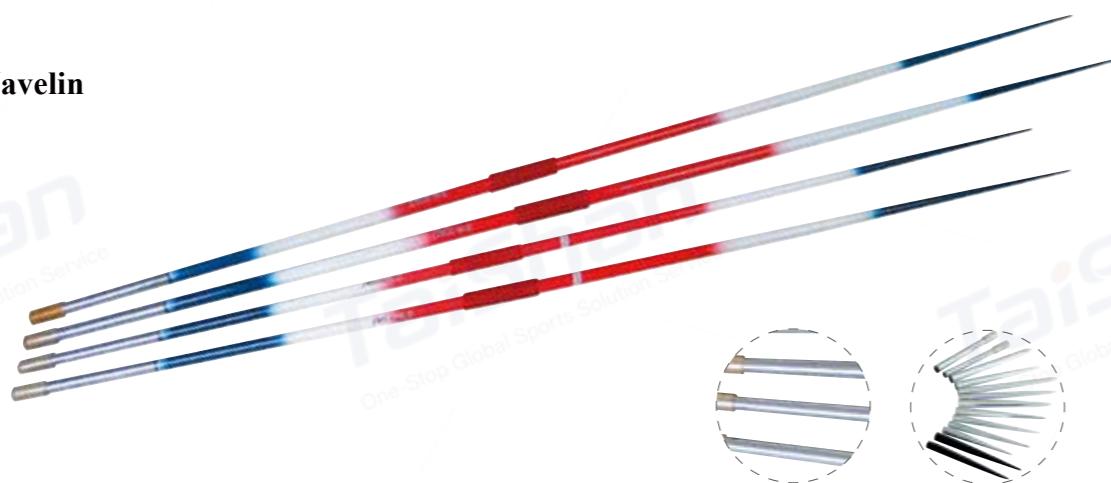
### Competition Javelin

Model	Specification(mm)	Weight	Distance Grade	Color (s)	Material	Certification
PSQF4	2600—2700	800g	85m	Triple double single color	high quality aluminum alloy	
PSQF1	2600—2700	800g	80m			
PSQF5	2600—2700	800g	75m			
PSQF6	2600—2700	800g	70m			
PSQF3	2300—2400	700g	60m			
PSQF7	2200—2300	600g	65m			
PSQF2	2200—2300	600g	60m			
PSQF8	2200—2300	600g	55m			
PSQF9	2200—2300	600g	50m			



### Competition Javelin

Model	Specification(mm)	Weight	Color	Material	Certification
BQS21	2000—2100	500g	Double colors	high quality aluminum alloy	
BQS28	2000—2100	500g	single color		
BQS29	1900—2000	400g	single color		
BQS30	1800—1900	300g	single color		

**Hard Javelin**

Model	Specification(mm)	Weight	Material
BQX19	2600—2700	800g	High quality aluminum alloy and nylon head
BQX20	2200—2300	600g	High quality aluminum alloy and nylon head

**Training Javelin**

Model	Specification(mm)	Weight	Color	Material
BQX14	2200—2300	600g	Triple, double, or single color (s)	high quality aluminum alloy
BQX15	2300—2400	700g	Triple, double, or single color (s)	high quality aluminum alloy
BQX16	2600—2700	800g	Triple, double, or single color (s)	high quality aluminum alloy

**Javelin and Discus Throw Distance Marker**

- Model: BZH13
- Specification: 400mm
- Weight: 1.8kg
- Color: white
- Material: fiberglass
- Performance: for javeline and discus throw

**Competition Discus**

Model	Specification(mm)	Weight	Material	Certification
TBS11	φ180—182	1kg	Steel-Plastic	High spin
TBS12	φ180—182	1kg	Steel-Plastic	Low spin
PSSFB1.5	φ200—202	1.5kg	Steel-Plastic	High spin
TBS14	φ200—202	1.5kg	Steel-Plastic	Low spin
TBS15	φ210—212	1.75kg	Steel-Plastic	High spin
TBS16	φ210—212	1.75kg	Steel-Plastic	Low spin
TBS17	φ219—221	2kg	Steel-Plastic	High spin
TBS18	φ219—221	2kg	Steel-Plastic	Low spin
TBS19	φ170—172	0.75kg	Steel-Plastic	
PSSFB2	φ180—182	1kg	Steel-Plastic	
TBS21	φ200—202	1.5kg	Steel-Plastic	
T104H	φ210—212	1.75kg	Steel-Plastic	
PSSFB1	φ210—212	2kg	Steel-Plastic	

**Discus for Hard Ground**

Model	Specification(mm)	Weight	Material
TBX22	φ180—182	1kg	Rubber
TBX23	φ200—202	1.5kg	Rubber
TBX24	φ210—212	1.75kg	Rubber
TBX25	φ210—212	2kg	Rubber

**Training Discus**

Model	Specification(mm)	Weight	Material
TBX13	φ170—172	0.75kg	Steel-Plastic
TBX14	φ180—182	1kg	Steel-Plastic
TBX15	φ180—182	1.25kg	Steel-Plastic
TBX16	φ200—202	1.5kg	Steel-Plastic
TBX17	φ210—212	1.75kg	Steel-Plastic
TBX18	φ219—221	2kg	Steel-Plastic
TBX19	φ220—222	2.25kg	Steel-Plastic
TBX20	φ220—222	2.5kg	Steel-Plastic

**Carbon Fiber Discus**

Model	Weight	Material
TBST1	2kg	Carbon fiber discus cover
TBST2	1kg	Carbon fiber discus cover



### Deluxe Competition Shot

Model	Specification	Weight	Material	Certification
TQW0346	φ110 mm	7.26kg	Carbon steel	
FLF710	φ111.5 mm	7.26kg	Carbon steel	
TQW0347	φ113 mm	7.26kg	Carbon steel	
TQW0348	φ116 mm	7.26kg	Carbon steel	
TQW0349	φ120 mm	7.26kg	Carbon steel	
TQW0350	φ125 mm	7.26kg	Carbon steel	
TQW0351	φ129 mm	7.26kg	Carbon steel	
QQS2	φ115 mm	6kg	Carbon steel	
Q413	φ105 mm	6kg	Carbon steel	
QQS16	φ110 mm	6kg	Carbon steel	
QQS21	φ120 mm	6kg	Carbon steel	
QQS23	φ105 mm	5kg	Carbon steel	
QQS24	φ110 mm	5kg	Carbon steel	
QQS3	φ115 mm	5kg	Carbon steel	



### Competition Shot

Model	Specification(mm)	Weight	Material
QQP04	φ121.5	7.26kg	Cast iron
QQP05	φ114	6kg	Cast iron
QQP06	φ107.5	5kg	Cast iron
QQP07	φ100	4kg	Cast iron
QQP08	φ90.5	3kg	Cast iron



### Shot Put Distance Marker

- Model: BZH14
- Specification: 400mm
- Weight: 1.8kg
- Color: white
- Material: fiberglass
- Performance: for shot put



### Deluxe Competition Hammer

Model	Specification	Weight	Material	Certification
FLF610/LQP20	φ111 mm	7.26kg	Carbon steel	
FLF620/LQP20	φ95.5 mm	4kg	Carbon steel	
TQW0335/LQP20	φ110 mm	7.26kg	Carbon steel	
TQW0336/LQP20	φ113 mm	7.26kg	Carbon steel	
TQW0337/LQP20	φ116 mm	7.26kg	Carbon steel	
TQW0338/LQP20	φ120 mm	7.26kg	Carbon steel	
TQW0339/LQP20	φ125 mm	7.26kg	Carbon steel	
TQW0340/LQP20	φ129 mm	7.26kg	Carbon steel	
TQW0330/LQP20	φ95 mm	4kg	Carbon steel	
TQW0331/LQP20	φ99 mm	4kg	Carbon steel	
TQW0332/LQP20	φ103 mm	4kg	Carbon steel	
TQW0333/LQP20	φ106 mm	4kg	Carbon steel	
TQW0334/LQP20	φ109 mm	4kg	Carbon steel	
TQW0358/LQP20	φ86 mm	3kg	Carbon steel	
TQW0359/LQP20	φ90 mm	3kg	Carbon steel	
TQW0360/LQP20	φ95 mm	3kg	Carbon steel	
TQW0361/LQP20	φ99 mm	3kg	Carbon steel	
L407/LQP20	φ105 mm	6kg	Carbon steel	
LQS172	φ110 mm	6kg	Carbon steel	
LQS173	φ115 mm	6kg	Carbon steel	
LQS174	φ120 mm	6kg	Carbon steel	
LQS181	φ100 mm	5kg	Carbon steel	
LQS182	φ105 mm	5kg	Carbon steel	
LQS183	φ110 mm	5kg	Carbon steel	

### Competition Hammer

Model	Weight	Material
LQP11	7.26kg	Cast iron
LQP12	6kg	Cast iron
LQP13	5kg	Cast iron
LQP14	4kg	Cast iron
LQP15	3kg	Cast iron



### Competition Hammer

Model	Weight	Material
LQP16	8kg	Cast iron
LQP17	9kg	Cast iron
LQP18	10kg	Cast iron



### Hammer Wire

- Model: LQP19
- Specification: 960mm
- Weight: about 90kg
- Color: silver grey
- Material: spring steel
- Performance: for hammer throw



### Hammer Glove

- Model: LQP22
- Weight: 0.25kg
- Color: black
- Material: sheepskin
- Performance: for hammer throw



### Hammer Handle

- Model: LQP21
- Weight: about 90g
- Color: silver grey
- Material: aluminum alloy and spring steel
- Performance: for hammer throw



### Combo Rack (with wheels)

- Model: TQ2102
- Specification: 1138×790×936 mm
- Weight: about 37kg
- Color: Peach pink
- Material: high quality welded steel tubes
- Performance: This product is designed to hold shot puts, hammers, javelins, and discuses.



### Track and Field Testing Devices Combination

- Model: TQW22000001
- 1. Electronic scale: for weighing equipment.
- 2. Vernier caliper: for measuring javelin diameter and discus thickness.
- 3. Calculator: for calculating if diameter exceeds standard.
- 4. Shot measurer: for measuring shot diameter.
- 5. Discus measurer: for measuring discus.
- 6. Tape measurer: for double checking measurers.
- 7. Diameter caliper: for measuring shot diameter.
- 8. Aluminum alloy ring: for measuring shot and hammer diameter.
- 9. Gravity center tester: for testing shot and hammer gravity center.
- 10. Javelin caliper: for measuring diameters of different spots on javelin.
- 11. Javelin measurer: for measuring length of javelin's center of gravity, body, handle, and other spots.
- 12. Hammer measurer: for measuring overall length of hammer.
- 13. Weight: for calibrating electronic scale.
- 14. Track and field rules: for looking up relevant rules.



TQ1126A

TQ1126B

TQ1126C

### Javelin Rack (with wheels)

Model	TQ1126A	TQ1126B	TQ1126C
Specification	1193mm×671mm×927mm	1000mm×522mm×1097.5mm	1090mm×522mm×1016mm
Color		Peach pink	
Material		High-quality welded steel tubes	
Performance		Solid and reliable. Suitable for domestic and international events. Can easily and quickly keep and transport javelins of all sizes. Saves time and labor.	



TQ1129A

TQ1129B

TQ1129C

### Shot Rack (with wheels)

Model	TQ1129A	TQ1129B	TQ1129C
Specification	1100mm×671mm×927mm	1000mm×522mm×1097.5mm	1090mm×522mm×1016mm
Color		Peach pink	
Material		High-quality welded steel tubes	
Performance		Solid and reliable. Suitable for domestic and international events. Can easily and quickly keep and transport shots of all sizes. Saves time and labor.	



TQ1130A

TQ1130B

TQ1130C

### Hammer Rack (with wheels)

Model	TQ1130A	TQ1130B	TQ1130C
Specification	1100mm×671mm×927mm	1000mm×522mm×1097.5mm	1090mm×522mm×1016mm
Color	Peach pink		
Material	High-quality welded steel tubes		
Performance	Solid and reliable. Suitable for domestic and international events. Can easily and quickly keep and transport hammers of all sizes. Saves time and labor.		



TQ1131A

TQ1131B

TQ1131C

### Discus Rack (with wheels)

Model	TQ1131A	TQ1131B	TQ1131C
Specification	1100mm×671mm×972mm	1000mm×522mm×1097.5mm	1090mm×522mm×1016mm
Color	Peach pink		
Material	High-quality welded steel tubes		
Performance	Solid and reliable. Suitable for domestic and international events. Can easily and quickly keep and transport discus of all sizes. Saves time and labor.		



### Toe Board

- Model: FLF740
- Specification: width 112mm-300mm, chord length 1210mm
- Weight: 15kg
- Color: white
- Material: painted wood
- Performance: for shot throw and hammer throw



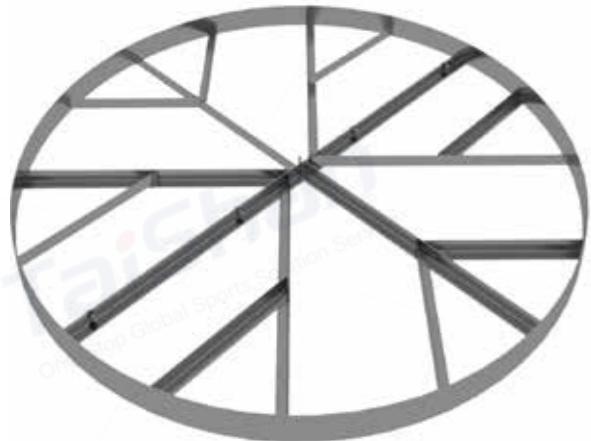
### Hammer Conversion Circle

- Model: TQW0133
- Specification: outside diameter 2500mm, inside diameter 2135mm, thickness 20mm
- Weight: about 5kg
- Color: white
- Material: fiberglass
- Performance: easy and quick interlocking assembling



### Discus Throw Circle

- Model: TQ1102
- Specification: inside diameter 2500mm, thickness 80mm
- Weight: about 67kg
- Color: white
- Material: steel
- Performance: solid and reliable, suitable for all sorts of fields



### Shot Put Circle

- Model: FLF920(TQ1101)
- Specification: inside diameter 2135mm, thickness 80mm
- Weight: about 53kg
- Color: white
- Material: steel
- Performance: solid and reliable, suitable for all sorts of fields

### Throwing Equipment Retriever Car

- Model: TQ2136A
- Specification: 965×527×500mm
- Weight: about 20kg
- Color: Black
- Material: The product shell is a one-time molded shell made of PVC FU
- Performance: This product adopts an advanced 2.4G frequency hopping remote control system, which does not interfere with other channels. The power system uses a 750KV/6500W brushless motor, equipped with 2 explosion-proof 12Ah power lithium batteries, and a dedicated charger can fully charge the battery within 1 hour. During use on the grass court, the speed can reach 25km/h, with a maximum load capacity of 20kg. The maximum load capacity of a single battery can operate continuously on the court for approximately 40 minutes.



### Marking Strap Cart

- Model: TQ1137/1
- Specification: 1435×554×895 mm
- Weight: 35kg
- Color: Peach pink
- Material: steel frame
- Performance: for laying marking straps



### Javelin Throw Arc

- Model: TQ1160
- Specification: 5500×324×310 mm
- Color: white
- Material: steel
- Performance: pre-installed in the ground as javelin throw marker



### Marking Strap

- Model: CHE171
- Specification: width 50mm
- Color: white
- Material: nylon
- Performance: extra thickness, sunproof, and durable.



### Shot Put Return Channel

- Model: TQ1111
- Specification: 20514mm×240mm×605mm
- Weight: about 110kg
- Color: Peach pink
- Material: high quality welded steel tubes
- Performance: Solid and reliable. Suitable for domestic and international events. Easy installation. Can quickly retrieve shot puts from the landing sector.



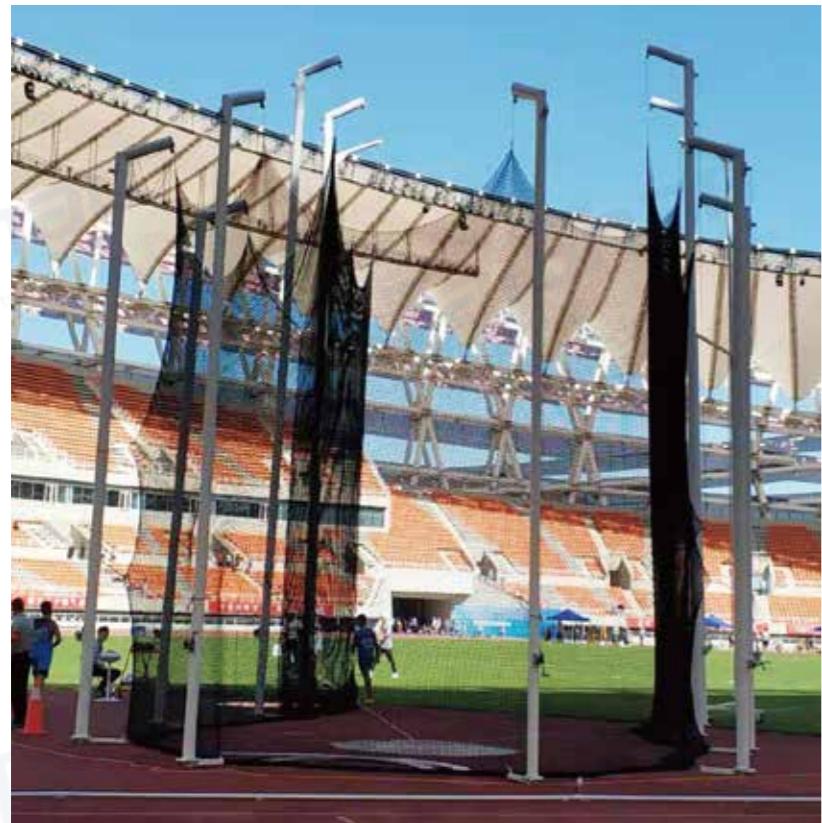
### Long Distance Field Marker

- Model: TQ2139
- Specification: 300×10×840 mm
- Color: Peach pink
- Material: steel
- Performance: for marking landing spot



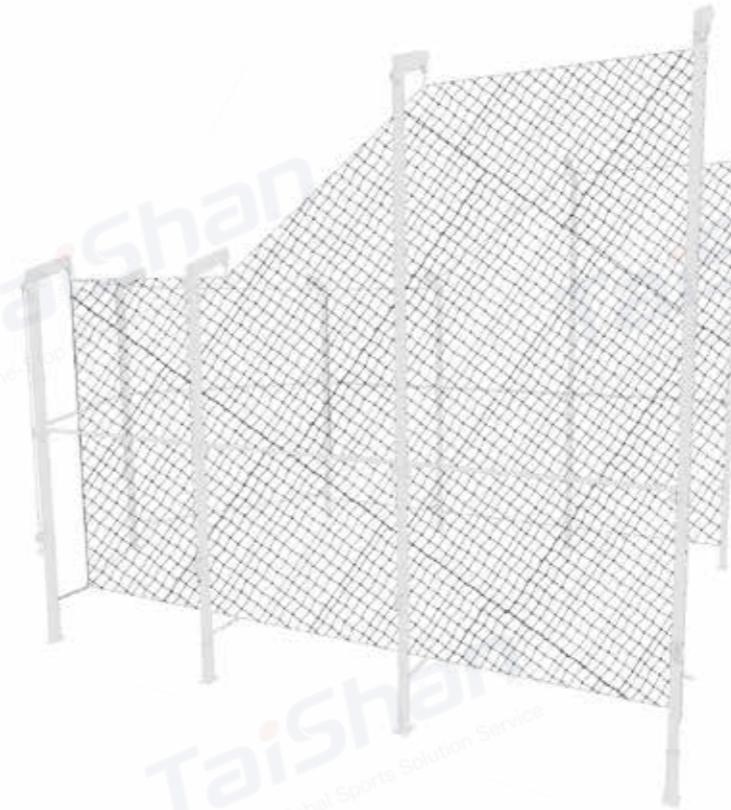
### Short Distance Field Marker

- Model: TQ2139/1
- Specification: 200×10×540 mm
- Color: Peach pink
- Material: steel
- Performance: for marking landing spot



### Discus and Hammer Throw Cage Ground Anchors

- Model: TQ1117/1
- Specification: standard WA size
- Color: white
- Material: aluminum alloy
- Performance: tightly welded frame, easy installation, effectively absorbs shock from discus and hammer



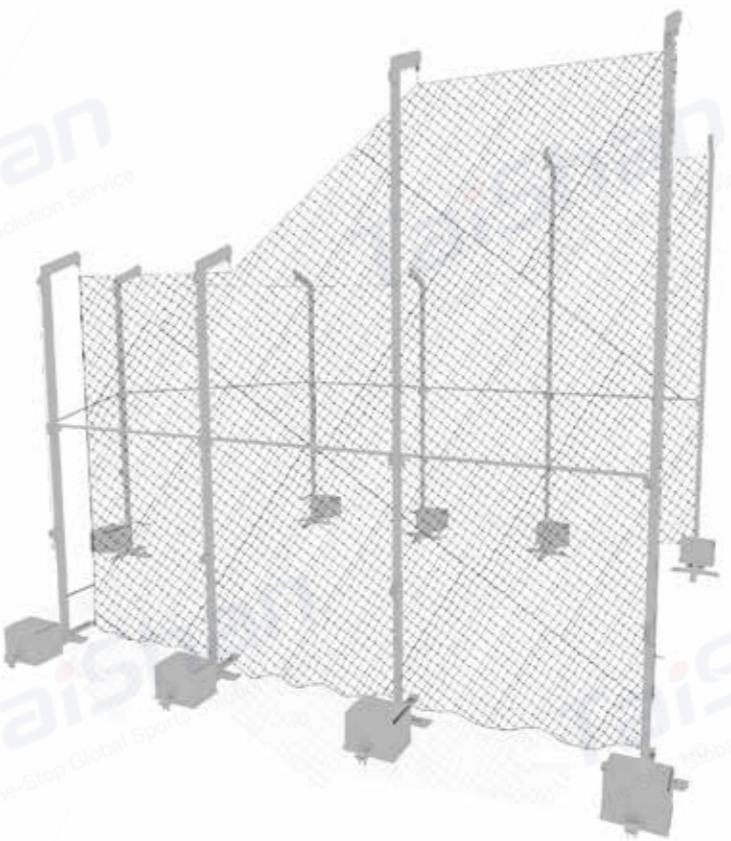
### Mobile Discus Throw Cage

- Model: TQ1116A
- Specification: standard WA size
- Color: white
- Material: aluminum alloy, nylon net
- Performance: tightly welded frame, easy installation, effectively absorbs shock from discus



### Mobile Discus and Hammer Throw Cage

- Model: TQ1117/2
- Specification: standard WA size
- Color: white
- Material: aluminum alloy
- Performance: tightly welded frame with ground counterweights, easy installation, effectively absorbs shock from discus and hammer



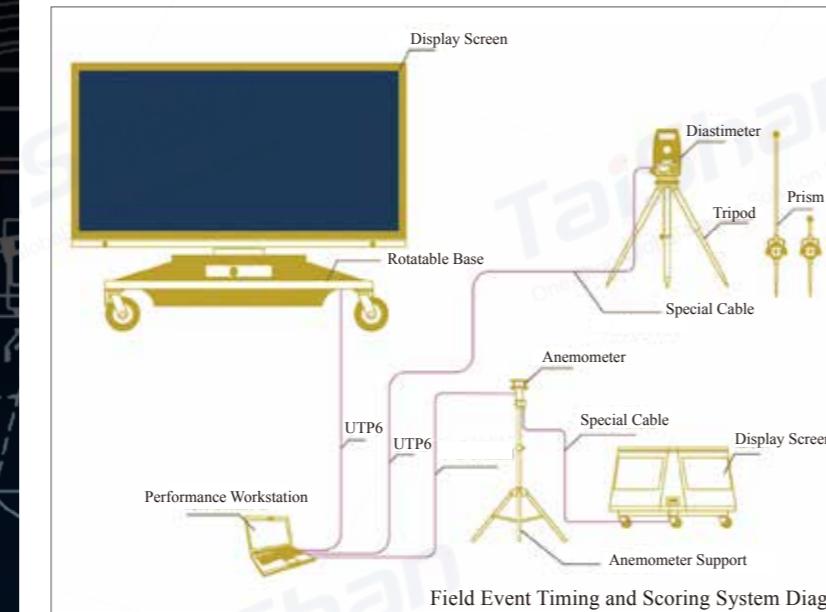
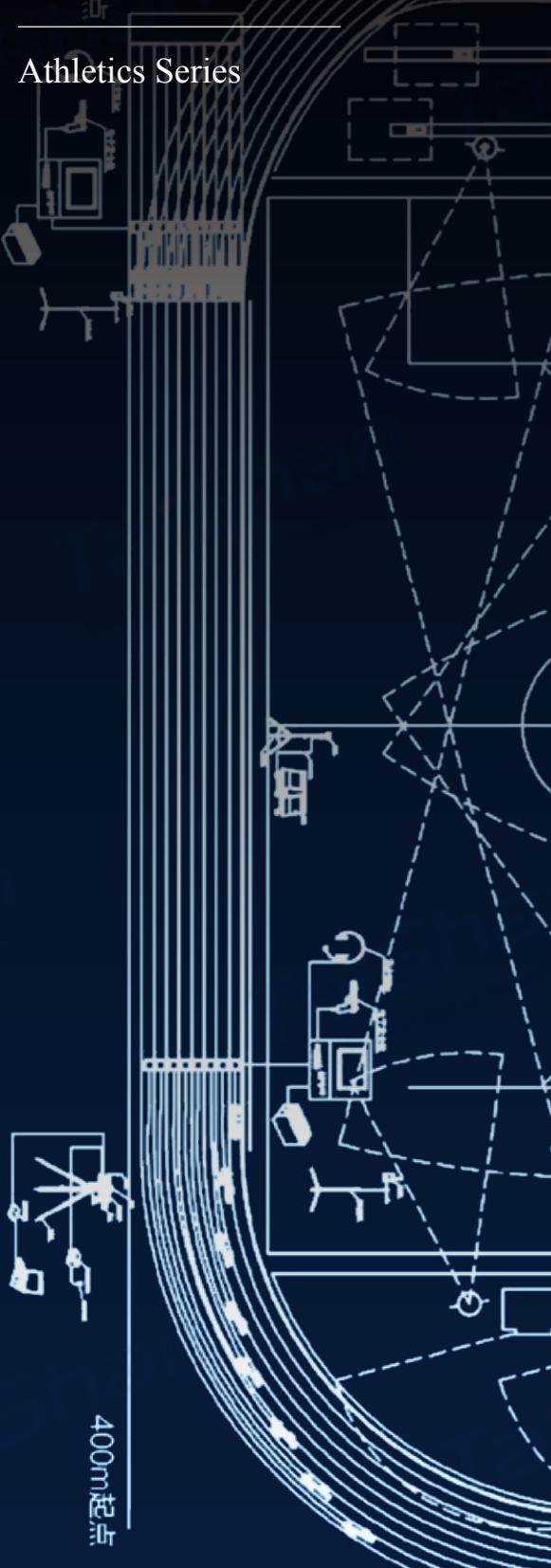
### Mobile Discus Throw Cage

- Model: TQ1116A/1
- Specification: standard WA size
- Color: white
- Material: aluminum alloy, nylon net
- Performance: tightly welded frame with ground counterweights, easy installation, effectively absorbs shock from discus



# Electronic Timing and Scoring

## Athletics Series



### Laser Distance Measuring System

Model: TQW-J001

Specification: 200mm(L)×180mm(W)×380mm(H)

Performance:

1. Customized for measuring distance in field events (throw, jump, and vault).
2. Synchronized data output.
3. Accurate to <5mm.
4. 24000 known coordinates.
5. 24000 data collection and measuring spots.
6. Long battery life up to 10 hours on a single charge.
7. IP54.
8. Measuring speed: accurate measuring 1.2s, approximate measuring 0.7s, auto-tracking 1.4s.
9. Tripod base.
10. Operating temperature -25°C~55°C.

### HD Digital Camera

Model: TQW-G002

Specification: 210mm×90mm×80mm

Performance:

1. For measuring distance at short distance field events, synchronized output, high accuracy.
2. Accurate to <5mm, definition 1920×1080, 10-60fps.
3. Encrypted results, reliable and accurate.
4. Equipped with IF interruption device, automatic detecting program pre-installed for automatic capturing.
5. Aluminum alloy shell, IP56.
6. Operating voltage: DC24V or PoE.
7. Operating temperature: -25°C~55°C.



### LED Result Board

Model: TQW-G004

Specification: 720mm×400mm×90mm

Performance:

1. Single sided high brightness PH10 single color LED display, resolution 128×64.
2. Yellow powder painted frame with four casters. Equipped with 10m power cord and 10m data cable.
3. Operating voltage AC220V



### Double Sided Turnable LED Display

Model: TQW-S005

Specification: 1930mm×790mm×1340mm,

Display size: 1930mm×970mm;

Performance:

1. Double sided turnable outdoor PH10SMD high brightness LED display.
2. 15°per side, IP65 waterproof.
3. Equipped with wired and wireless turn controller. Waterproof strip. Ventilation device on the turning part to maintain the temperature inside the display.
4. Two hooking points on each screen for towing by trailer. Four fixing straps are needed when moving the display to protect the turning axle and the gears.
5. Input AC160V--AC240V 50HZ



### Triple Sided Ground Countdown Display

Model: TQW-S003

Performance:

- Score and countdown display.
- Synchronized timing; mobile; metal frame.
- Longest countdown interval 9'59", set by controller.

### Countdown Controller

Model: TQW-Y007

Performance:

- Controls minutes and seconds on the countdown display.
- Longest countdown interval 9'59". Any countdown time can be set within the longest countdown interval.



### Data Collector

Model: TQW-S008

Performance: Connected with IF interruption devide and LED score display.



### Positioning Mark

Model: TQW-J006

- Specification: 100mm×100mm×45mm
- Performance: Metal marks, 12 pcs per set. Help increase automatic positioning accuracy.

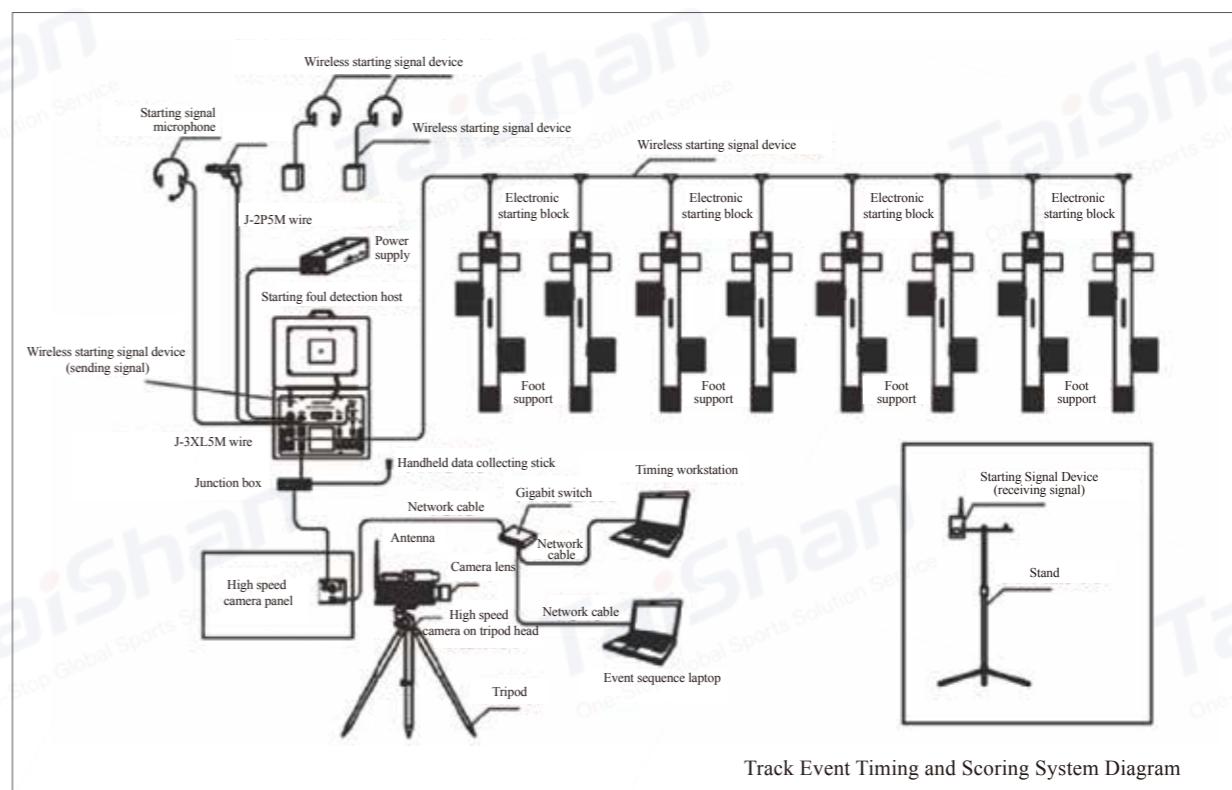


Image Distance Measuring  
(Standing Long Jump Software Screenshot)



Image Distance Measuring  
(Medicine Ball Trajectory)

### Track and Field Event Timing and Scoring System-Track Event



Track Event Timing and Scoring System Diagram



### Timing Controller

Model: TQW-J010

Performance:

- Works together with high speed camera to receive start signal.
- Timing start hardware port, multiple timing starts, wireless timing start.
- Control image capturing through keypad or buttons.
- RS232 connection to PC for manual start signal.



### Camera Connection Module

Model: TQW-X011

Specification: 160mm×55mm×50mm; cable length: 5m

Performance:

- Wired signal module, live clock module, track event LED display module, power supply module, image capturing module.
- Aluminum alloy hub, AUX port for high speed camera.

## Finish Line High Speed Camera

Model: TQW-X009  
Specification: 300mm×160mm×120mm

Performance:

1. Color high speed linear array CCD camera, accurate to 1/5000 second; minimum image capturing interval 1/14000 second.
2. Finish line image capturing width 14μm.
3. Anti-glare, automatic exposure adjustment, brightness on the finish line  $\geq$  500lux.
4. Live image preview system and right angle endoscope for quick search for the finish line, comprehensive information displayed on the screen.
5. Gyro and gradienter laser of the camera for quick and easy setup.
6. RJ45/GIGE gigabit network data interface, standard TCP/IP.
7. Dual frequency wireless handheld communication protocol for wireless or wired start signal.
8. Finish line device working voltage: 220V±10%, power consumption: 1000w.
9. Operating temperature: 10°C~35°C.



## Tripod Head

Model: TQW-S012  
1. Specification: 190mm×150mm×130mm  
2. Performance: three dimensional adjustment, detachable from tripod (horizontal micro adjustment, finishline focus).



## Tripod

Model: TQW-S013  
Specification: height 1000mm

Performance:

1. Professional aluminum alloy tripod with maximum height 2300mm.
2. Equipped with case and shoulder strap.



## Electronic Starting Block

Model: TQW-D017

Performance:

1. For standard synthetic track, made of steel, with stabilizing stud.
2. International standard size, adjustable foot support positions, starting foul sensor, accurate to 2000 times per second with sensing error 1ms and minimum sensing weight 20kg.
3. IAAF approved, with handles, 45w amplifier, data port on the back side.

## IF Interruption Device

Model: TQW-H014  
Performance:

1. Mechanism: IF interruption, maximum working distance  $\geq$  15m, signal transmission distance  $\geq$  500m.
2. Control: wired hanheld stick (for middle and long distance running).
3. Operating voltage: DC12V, charger: DC14.4V 0.5A.
4. Power cord: 1.2m DC cord with spring.



## Starting Signal Microphone

Model: TQW-F029

Performance: For giving starting signal, can be connected to electronic starter pistol, head-mounted.



### Orientation Antenna

Model: TQW-D016

Specification: 300mm×300mm×20mm

Performance:

1. PVC material, effective signal receiving width 1-12m
2. Data receiving angle 60°, can work in pair
3. Accurate to 0.01s



### Mobile Starting Foul Detection Host

Model: TQW-Y018

Performance:

1. Starting foul detection host, wire connection to starting block, with starting foul light, starting reaction time display, and embedded printer port.
2. Can be used with wireless and wired start signal transmitter, and electronic Starter Pistol.
3. Built-in thermal printer, measures and prints the athlete's start reaction time, pedal pressure curve, foul time in the late arbitration of track events. Can also be used for athletes' starting technical testing and analysis.

### Ultrasonic Wind Gauge

Model: TQW-C015

Specification: 200mm×200mm×300mm

Performance:

1. Ultrasonic wind testing using industrial testing module, wireless data transmission, triple sided wind velocity display.
2. Accurate to 0.1m/s, manual and automatic track wind velocity and direction testing with synchronized display.
3. Installation: in the same direction of the wind gauge arrow.
4. Communication: wire and wireless.
5. Operating voltage: AC220V/DC24V.
6. Operating temperature: -15°C~65°C.



### Starting Foul Detection Host

Model: TQW-Q019

Specification: 400mm×350mm×170mm

Performance:

1. External port: foul audio output, foul wireless output, RJ45 computer communication port, start signaling microphone port, electronic Starter Pistol port, electronic starting block port, external power supply port.
2. 8-inch touch screen with starting reaction time display, pressure curve display and start signal time display, accurate to <0.5ms.
3. Embedded thermal printer prints the reaction time and foul time of each group of athletes.
4. Microphone with: 3.5-inch stereo wired microphone, 3.5-inch stereo Bluetooth microphone.
5. Operating voltage: DC24V 3A, operating temperature: -25°C~55°C.



### Electronic Lap Host

Model: TQW-D020

Specification: 300mm×260mm×120mm

Performance:

1. 2.4G RF antenna, frequency 10% adjustable, maximum reading number 500 sheets/s.
2. Built-in battery, remaining power display, ID label display.
3. Anti-conflict function.
4. Data transmission: USB to RS485, operating voltage: DC12V 0.5A.
5. Operating temperature: -25 °C ~ 55 °C.



### Electronic Starter Pistol

Model: TQW-D028

Specification: 150mm(L) × 90mm(W)×25mm(H)

Performance:

1. Aluminum alloy body, ultra high brightness neon light, daytime instantaneous illumination visual distance >200m.
2. 3.5mm microphone socket integrated on the body.
3. 3mm cable with 8-pole waterproof aviation plug.





### Three-Sided Lap Counter Display

Model: TQW-Y018

Specification: 560mm×560mm×400mm

Performance:

1. The bottom of the counter display is equipped with a copper bell.
2. Outdoor high-brightness LED digital counter.
3. Digital LED digits: 2 digits, Display direction: 3 sides, Display numbers: 0 - 99.
4. Control method: Control handle.
5. Working voltage: AC 220V - AC 240V 50Hz.
6. Working temperature: -25°C ~ 55°C.



### Daylight 10,000-Meter Lap Counter

Model: TQW-B022



### Triple Sided Wind Velocity LED Display

Model: TQW-S024

Specification: 900mm×900mm×750mm

Performance:

1. Triple sided high brightness LED display, waterproof and dustproof, mobile.
2. High Brightness LED segment display.
3. Output: RS485.
4. Data transmission: wireless RF200.
5. Working voltage: AC110-240V 50HZ.



### Track Event Dual Screen LED Display

Model: TQW-J025

Specification: Event Display: 1600mm×320mm×100mm

Result Display: 1600mm×340mm×100mm

Performance:

1. Event display: outdoor PH10 high brightness single color LED display, brightness >1200LXD; result display: outdoor high brightness 7 digit LED segment display.
2. Wireless communication, 433MHZ, distance ≥500m.
3. Operating voltage: AC220V±10%.
4. Operating temperature: -15°C~45°C.
5. Waterproof and dustproof, detachable, can be hung up or mounted on vehicle.
6. Operating temperature: -25°C~55°C.



### Wireless Starting Signal Device

Model: TQW-W026

Specification: 220mm×200mm×180mm

Performance:

1. Manual and automatic voice starting signal.
2. OLED host status display.
3. Loud speaker and audio input, sound transmission distance ≤50m.
4. Operating voltage DC12V 7A, power supply 14.4V 0.5A.
5. Operating temperature: -25°C~55°C.



### Ultrasonic Starting Signal Device

Model: TQW-C027

Specification: 120mm×80mm×80mm

Performance:

1. Wireless and portable, can also give starting signal through wire.
2. Ultrasonic sensor that reacts only to gun shot, dual sensors.
3. Wireless sensing distance on open field ≥500m.
4. Operating voltage: DC9V.



## Foul Alarm Receiver

Model: TQW-F030

1. Specification: 60mm×95mm×20mm
2. Performance: Wireless, waist mounted, receives starting foul signal, high accuracy.



## Electronic Lap Counting Host

Model: TQW-D031

Performance:

1. Ultra high reading and writing frequency, 500 people per second.
2. Multiple antennas.
3. RJ45 port, wireless data transmission.



## Lap Controller

Model: TQW-J032

Performance:

1. Middle and long distance run lap controller, add and minus lap, reset.
2. Cord length 5m.



## Dual Screen LED Display Data Transmitter

Model: TQW-S033

Performance:

1. USB port, plug and play.
2. Wireless frequency 433MHZ, wireless transmission distance ≥ 500m, wireless frequency ±10%adjustable.
3. 1.2m USB cable.



## Electronic Lap Counter Module

Model: TQW-D021

Specification: 45mm×35mm×10mm

Performance:

1. PVC material, anti-shock and durable, silicon wrist band, detachable back panel.
2. Can be worn on wrist, ankle, singlet.
3. Operating voltage: cr2030 battery.
4. IP65.
5. Storage: 25pcs per level, 4 levels per flight case.



## Walky Talky

Model: TQW2200007

1. Power: 8w, distance 3km
2. Battery capacity: 3.7V/5800ma

## Wireless receiver

Model: TQW-W034

Performance:

1. Event: first display, high brightness PH10 single color LED, waterproof and dustproof.
2. Game time and first place result: second display, high brightness LED segment display, waterproof and dustproof.
3. Embedded track event wireless control card, 433MHZ wireless data transmission, wired data transmission available, 1ms fast reaction, synchronized with high speed camera, accurate to 0.0001s.



## Check-in Reader and Writer

Model: TQW-J036

Performance:



## Track Event Signal Cable

Model: TQW-J035

Performance: 14-pole data connection cable to each starting block junction box.

Model: TQW-J036

Performance:

1. Wireless RFID chip timing and lap counter host, RS485 communication, multiple timing antenna port.
2. Automatic lap counting and time for each athlete, highly anti-interference, good anti-chip conflict, 500 sheets per second reading frequency, adjustable accuracy.
3. Unique anti-conflict labeling algorithm, eliminating the possibility of concurrent label conflicts.
4. Operating voltage: AC220V 50HZ.

# 03

## EVENT CASES

Gymnasium

66-67

Exhibitions

68

## Events & Exhibitions

### EVENT CASES



The 2023 Pacific Games



The 2023 Indian Ocean Island Games

## ► Competition



The 2023 Ulaanbaatar East Asian Youth Games



The 14th National Student Sports Games



The 7th Military World Games

## ► Exhibitions



Saudi Sport Show 2024



Trade Fair in Morocco 2024



FSB Sports Show Riyadh 2025



Canton Fair (China Import and Export Fair) 2025



Egypt Sports Expo 2025



CHINA SPORT SHOW 2025

## **SHANDONG TAISHAN SPORTS EQUIPMENT CO., LTD.**

-  Tel/WhatsApp: +86 18453178888
-  Web: [www.taishansports.cn](http://www.taishansports.cn)
-  Email: [info@taishansports.com](mailto:info@taishansports.com)
-  HQ & Factory: No.1 Taishan Tiyu Rd, Laoling, Dezhou City, Shandong Province, China. 253600



TaiShan Sports



taishansports



TaiShan Sports