

## Company Profile



**SAN-EI Corporation**

## Company Profile

- Company Name:** SAN-EI Corporation
- Established:** 1962
- Capital:** 95 million Japanese yen (as of 2012)
- Business:** Sporting Goods, Playground Equipment / Landscape Amenities and its Maintenance services, Fitness Machines and Sports facilities' products
- Associated Companies:** Shanghai SAN-EI Co., Ltd., / SAN-EI Swiss SA
- Affiliated Organizations:** The Japan Park Facilities Association (JPFA)  
The Parks & Open Space Association of Japan (POSA)  
The Consultants of Landscape Architecture in Japan (CLA)  
The World Federation of the Sporting Goods Industry (WFSGI)  
The Association of Japan Sporting Goods Industries (JASPO)  
The Japan Sports Facilities Association (JSFA)  
The Tokyo Sporting Goods Manufacturers' Association (TSMA)  
The Federation of International Table Tennis Manufacturers (FIT)  
The Japan Table Tennis Authorized Manufacturers (JAM)
- Approvals:** Table tennis tables factory approved by the ITTF (The International Table Tennis Federation)  
Table tennis tables factory approved by the JTTA (The Japan Table Tennis Association)  
SG table tennis table factory registered by the CPSA (The Consumer Product Safety Association)  
Factory authorized by the JBA (The Japan Basketball Association)  
Factory authorized by the NBA (The Nippon Badminton Association)
- Certificates:**   **ISO 9001, JIS Q 9001:2008, ISO 9001:2008, JCQA-0636**  
**ISO 14001, JIS Q 14001:2004, ISO 14001:2004, JCQA-E-0902**

Since SAN-EI was established in 1962, our policy has been *"to work hard for our customers as well as contribute to society"*. Based on this policy, we have continued manufacturing and selling sporting goods and park equipment. In February 2000, SAN-EI was acknowledged and received the ISO 9001 certificate which is for the Quality Management System for design, development, manufacturing, installation and its related services. In February 2011, SAN-EI obtained the ISO 14001, for our environmental management system. As a manufacturer, we strive to maintain a healthy environment as well as understand and accept social responsibilities.



## Table Tennis Table

Table tennis table is one of the core businesses of SAN-EI Corp. We hold more than a 70 % domestic market share of the table tennis table under the SAN-EI brand.

We have supported and been an official equipment supplier at international events hosted by the International Table Tennis Federation (ITTF).

- The 41st World Table Tennis Championships in Chiba, Japan (1991)
- The 46th World Table Tennis Championships in Osaka, Japan (2001)
- The 50th World Table Tennis Championships in Yokohama, Japan (2009)
- ZEN-NOH 2014 World Team Table Tennis championships in Tokyo, Japan (2014)
- GAC GROUP ITTF World Tour, Japan Open (2010, 2011)
- The Olympic Table Tennis Tournament in Barcelona (1992)
- We have supported the All Japan Championships since 1974.



Show table "Tribriant" at the WTTC Osaka



Show table "moment09" at the WTTC Yokohama



Show table "moment" at the Japan Top-12



Show table "moment09" at the All Japan Championships



### IF VERIC-W [+VSAS]

For wheelchair users, Damper spring assisted  
ITTF approved, JTTA approved, SG



### Absolute-w

For wheelchair users  
ITTF approved, EN 14468/1 CLASS: A  
JTTA approved, SG



### Paragon Sensor

ITTF approved, JTTA approved,  
EN 14468/1 CLASS: A, SG



### AT-2

JTTA approved, SG

### New concept Ping Pong Table

intrepid



### New concept Ping Pong products



Racket & Ball case



Sandal Shoes

## Table Tennis Table



### The SG logo means "Safety Goods"

The SG system is a regulation set by the Consumer Product Safety Association (CPSA) which is associated with the Ministry of Economy, Trade and Industry (METI). This regulation was implemented based on the Consumer Product Safety Act set by the government in 1973. The purpose of this regulation is to protect consumers from injuries caused by defective products and/or unclear users' manuals.

At present, 44 products are allowed to carry the SG logo in the field of sporting goods, leisure equipment and fitness articles. These products are recognized as safe by consumers. Testing and registration of the SG logo on table tennis tables began in September of 2009.

In order to carry the SG logo on a product, each product and the factory which produces it must be examined by the CPSA to register. SAN-EI has some products with the SG logo. Our Hokkaido factory (SAN-EI Table Tennis Factory) is the first SG registered table tennis table factory in Japan. Shanghai factory in China is also an SG registered manufacturing factory.

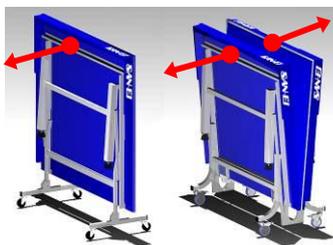


SAN-EI Table Tennis Factory



### SG testing regulations

The followings are examples of tests for the SG logo on table tennis tables. The CPSA set some regulations regarding construction, durability, stability and so on. Tables must comply with these regulations to be allowed to carry the SG logo.



#### Construction

The table must not open against 30N pulling force when it is in its stored position. If the table has a safety latch, it is in the locked position during the test.



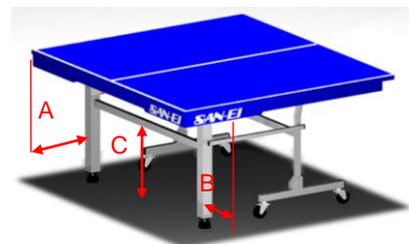
#### Wheels

The wheels are pushed and pulled 25 times over 2 special mats made of 8 copper pipes (50mm apart). There should not be any damaged and/or loose parts after the test. Moreover, the table must not fall over during the test.



#### Durability

The table must be able to withstand certain loads when applied onto each corner of the table top. The weight of each load for each type of table is:  
 \*Separate type table: 40kg  
 \*Centerfold type table: 80kg



#### Leg positions

The location of each leg must be as follows:

- \*A (from the end line to the legs) =150mm or more
- \*B (from the side line to the legs) =100mm or more
- \*C (from the floor to the cross braces) =300mm or more



#### Stability

When the table is in its used position, legs must not fold or fall over against 200N vertical and horizontal forces. When the table is in its stored position, the table must not fall over when placed on a 10 degree sloped floor.

## Table Tennis Table

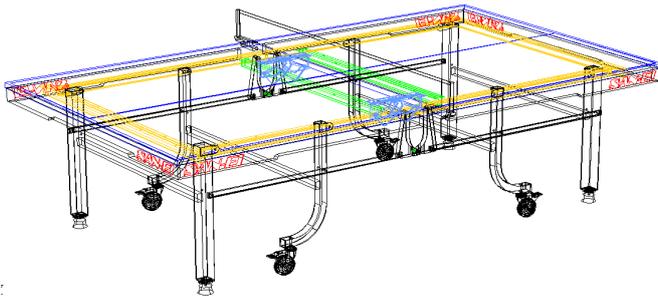


### European Norm (EN) and the International Table Tennis Federation (ITTF) approvals

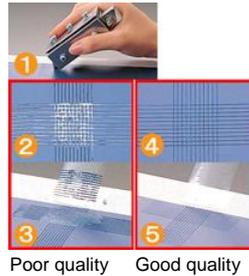
Some of our tables manufactured at the Shanghai factory comply with the European Norm (EN 1446681/1 CLASS: A) and received the ITTF approvals.

### SAN-EI in-house tests

SAN-EI has developed several testing devices to examine our table performance such as the finished paint condition, coefficient of friction, table surface gloss and ball bounce as well as its strength and durability. As a result, we are able to implement several kinds of quality tests prior to applying for the ITTF approval.



### Finished paint surface of the table tops



① Scratch the table top and make 100 squares per 1cm<sup>2</sup> based on the cross-cut test JIS-K5400.

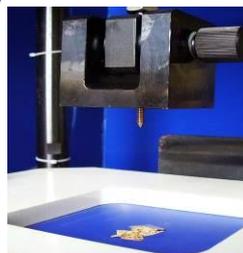
②&③ If the finished table top quality is poor, the surface loses its paint and comes off with adhesive tape.

④&⑤ If the finished quality is good, the paint does not come off.



### Ball bounce

Uniformity of the ball bounce is one of the most important aspects of the table tennis table. SAN-EI tables comply with the ITTF regulations as well as our own regulations. We developed a special testing device to examine the height of the ball bounce.



### Strength of screws

Because a table tennis table is frequently opened and closed, wooden screws used on a table top gradually loosen. Therefore, the strength of the screws to hold the table top should be adequate. We test certain screws against a pulling force to ensure the durability.



### Gloss of the table surface

The ITTF has certain numerical regulations regarding the gloss level of the table surface. The reflection of the surface under strong lights might affect the players' eyes. SAN-EI measures each table brand to control the gloss level.

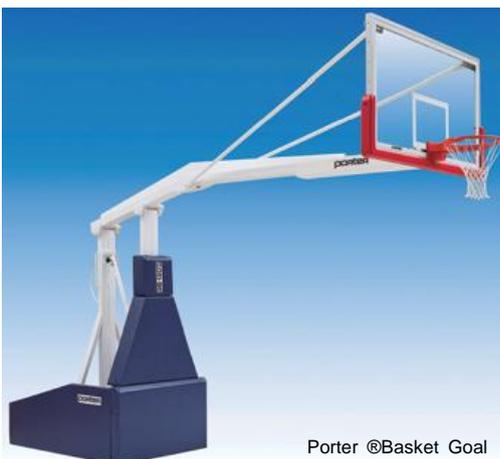


### Coefficient of friction

The ITTF has set a regulation as to the amount of coefficient of friction on table tops. This is because the coefficient of friction affects the ball spin. SAN-EI implements the same test as the ITTF does to control the quality of the table surface.

## Sporting goods

SAN-EI offers a variety of excellent sporting goods as well as table tennis tables.



Porter ©Basket Goal



Movable Badminton Posts



Score Board

## Total Landscape Products

Playground equipment and Landscape amenities are the other main products of SAN-EI. SAN-EI develops original wooden playgrounds as well as wooden bridges, decks and pergolas since we were originally a lumber merchant. We also design playground equipment made of plastic which is called "PRIME". Additionally, we offer the American playground brand "MIRACLE" to Japanese customers.

### Playground Equipment



Wooden combination playground



PRIME combination playgrounds



MIRACLE combination playground



Wooden adventure playground



Health apparatus

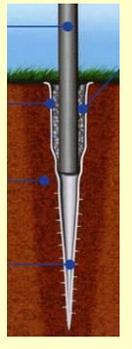


Roller slides



Ground Screw is an innovative screw system for foundation work. It is absolutely environmentally friendly, cost efficient, durable, quick to install, and compact!

→  
Solar panel  
using  
Ground Screws



### Landscape Amenities

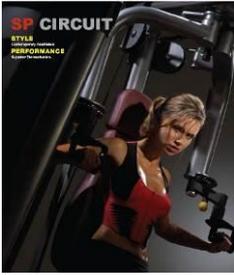


### Maintenance Services for Playground Equipment and Landscape Amenities

SAN-EI recognizes the importance of regular maintenance of playground equipment and landscape apparatus to keep them in proper condition. Therefore, we have set up a special maintenance team "Techno Service Division" which is made up of technicians and specialists. They are qualified as "Safety Managers of Park Facilities Products" and "Maintenance Experts of Park Facilities Products" certified by the Japan Park Facilities Association.



## Fitness Machine & Climbing Wall



### Fitness machine

SAN-EI has been offering fitness machines for a long time. Our proposed machine is made by the American company Paramount® Fitness Corp. Paramount® has been a prestigious fitness machine manufacturer since 1954 in Los Angeles, and presently, their products have expanded to 56 countries in the world. Our goal is to ensure healthy lives through daily work-outs on excellent fitness machines. We deliver our machines to various sites such as public agencies, educational institutions, professional sports teams, health clubs and resort facilities. We are more than happy to create original work-out places according to your needs.



SP circuit machine



Treadmill

### Climbing wall

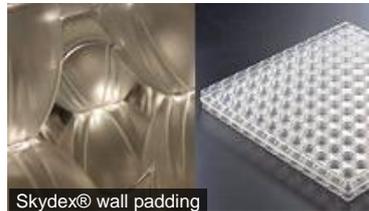


## Sports facilities' products

SAN-EI offers a variety of products for sports facilities such as stadiums, arenas, and gymnasiums. Our products include: Shock absorbing pads, Fixed seats, Bleachers, Field nets, and Recreational spaces for kids in sports facilities. We will work with you to create unique and ideal sports facilities.

### Shock Absorbing Pads

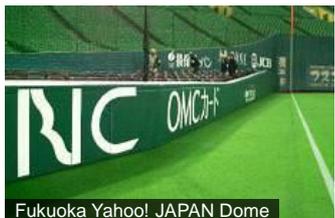
Skydex® is the next generation's wall padding. It is able to absorb a high level of shock to protect players from injuries. PNC Park at Pittsburgh is regarded as one of the best ballparks in America. Thanks to the high performance of Skydex®, major leaguers can make spectacular plays.



Skydex® wall padding



PNC Park



Fukuoka Yahoo! JAPAN Dome



Koshien Stadium



Tokyo Dome



Saitama Seibu Dome

### Spectators' Seats

SAN-EI is a Japanese exclusive dealer of Hussey Seating Company. We provide your venues with excellent seating solutions.



Legend at QVC Marine Field



Quattro at Kleenex Stadium Miyagi



Olympiad at Kleenex Stadium Miyagi



MAXAM at Perry HS in the US Base in Japan

### Recreation spaces for kids

If you want to create an entertainment space for kids in a sports facility, SAN-EI would be your best choice since we have a lot of indoor play equipment for kids.



Fukuoka Yahoo! JAPAN Dome





<http://www.sanei-net.co.jp/>



happyholic