



Volleyball Product Guide

The **One** - It's **Original** Concept and Your **Only** One



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The Best **Quality** for Your Best Performance

SENOH's Indoor and Beach Volleyball Systems were used in TOKYO2020. Since TOKYO1964 at which volleyball first became an Olympic sport, and beach volleyball joined at Atlanta in 1996, Senoh has been the official supplier in almost all the Olympic Games.

Senoh has the equipment that meets all of the standards of volleyball's governing bodies. Today, Senoh's volleyball systems have become the most widely known and used in the world, which in turn makes Senoh as the international standards.



SENOH's achievement extends to Olympic Games, World Championships, World Junior/Youth Championships, World Cup, World Grand Champions Cup, Volleyball Nations League, Beach Volleyball World Tour, Beach Pro Tour, Regional Tournaments of NORCECA, CSV, CAVB, CEV, and AVC, Professional teams, University, College, School and Stadiums.

Olympic Games

World
Championships

Nations League

Continental Cup

Beach Pro Tour

NORCECA

CSV

CAVB

CEV

AVC

Pro Team

University

School

Stadium

Durability - Senoh Steel

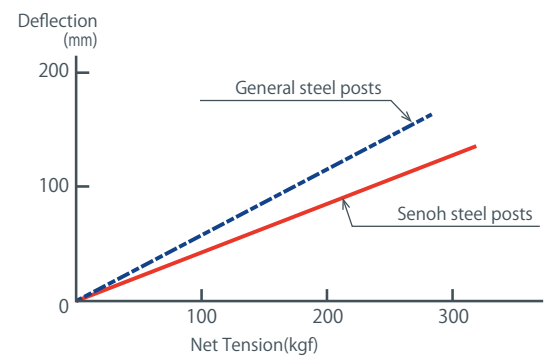
Senoh's FIVB approved official volleyball posts (DE1015) are made of special cold drawing steel tube that is specially manufactured for volleyball.

General steel pipe has a joint as it is made by rounding then welding a flat plate. This process enables inexpensive mass production but the welded part causes a quality unevenness. Senoh steel tube has no joint (imagine drawing a hole from a round pillar) and this seamless steel allows inner tube to move up and down smoothly and obtains stability in both toughness and deflection. Also due to its thickness, DE1015 can be approximately 3 times stronger compared to general steel posts. Senoh Steel Posts withstand the power of top athletes.



| | 1. Yield Point | 2. Tensile Strength |
|---------------------------------|----------------|---------------------|
| Senoh Steel Φ76.3, TH5.15mm | ★★★ | ★★★★★ |
| General Steel Φ76.3, TH4.2mm | ★ | ★★ |

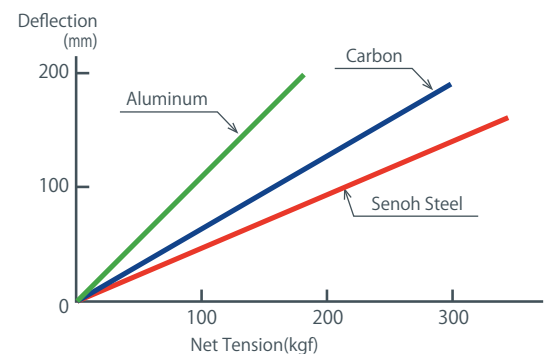
1. Boundary that the deformation is not restored to its original condition.
2. Strength at breaking point



Lightweight - Senoh Carbon

The lightest carbon posts (DE5300) have been released by combining Mizuno carbon technology and Senoh manufacturing expertise.

This light product (only 23kg in pair) enables women, children, and the elderly, to carry and set up more easily and safely. Besides, the carbon is free from rust and paint peeling in a long term use. For volleyball as lifelong sport --- Senoh is proud of providing all the volleyball players with the variety of products that are absolutely safe and have a long life.



Renovation - Senoh Beach System

Senoh's Beach Volleyball System has been consecutively selected at Olympic Games since Atlanta 1996 to London 2012 and TOKYO 2020.

The succeeding system comes into the world. The new products are renovated for beach use --- dust/ water/ rust proof, easy height adjustment, reasonable weight to handle --- and sustain the durability for high performance.



Accurate & User-Friendly Design

Height Adjustment

Senoh's bevel gear enables stepless height adjustment (1900-2430mm) and accurate net height setting is feasible according to various floor thickness.

Designed Inclination

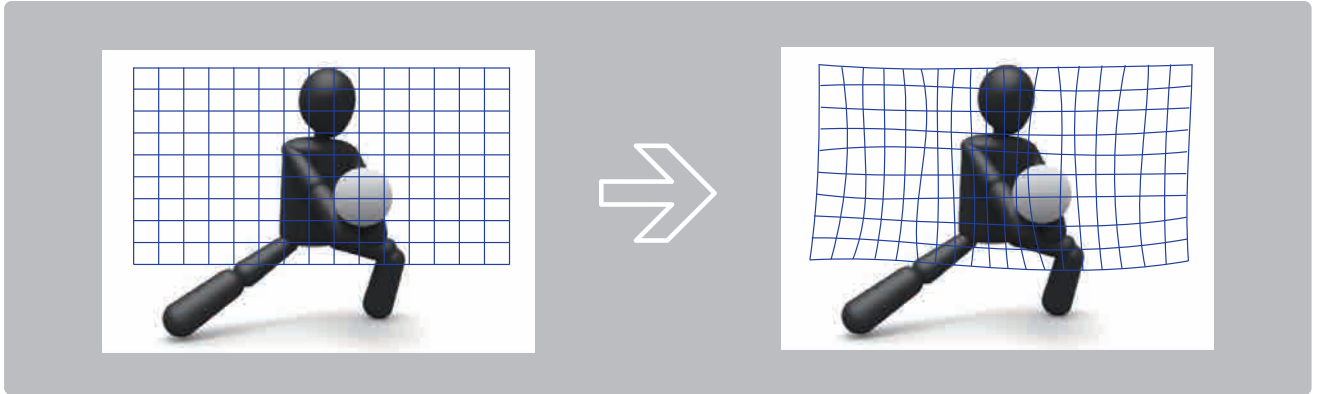
Senoh's floor apparatus (for indoor) and anchor system (for beach) are designed to be inclined outward taking "a bow of upright by net tension" into account.

* Excessive net tension may cause a damage on net or upright. Net tensioning limit should be 90 degree (until the upright stands vertically).



■ Visibility - Perfect Square

Hard to see if net is distorted --- Senoh's technology creates "Perfect Squares" of the net for high visibility.



Material Technology

Senoh's net string is composed of 360pcs of ultra fine fiber (90T). This Superlex (90T/360) enables Senoh net being light, tough, and flexible.



Manufacturing Technology

The upper white bands are stitched with cords and adjust the net square s easily.



"Perfect Squares" make it possible to highlight your logo.

Logo print on DE800361 (official volleyball net with 45mm square mesh) is available upon your request.



■ Tension Strength & Durability

Rope end is caulked in 2 ranges and the compressed fitting with resin prevents ropes coming off.



Senoh Caulking

General Caulking

Tension at side ropes is even and this way of tying prevents crease or tear.



Senoh Rope Work

General Rope Work

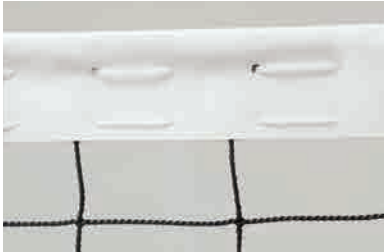


Senoh Technora Cable
Technora cable enables high tension strength and durability without fray or torsion.

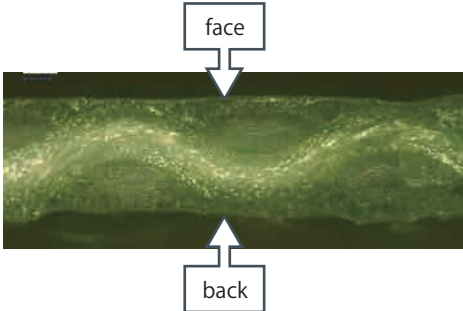
| | 1. Yield Point |
|------------------|---|
| Tension Strength | Cleared 8000[N] (load of general use: 2500[N]) |
| Durability | Cleared 10000 times load test of 0 ~ 2500[N] |

■ White & Clean

White band is a part being touched very often --- specular working prevents stain or finger marks and keeps the bands white and clean. Senoh's smooth and even white band enables to receive clear logo printing.

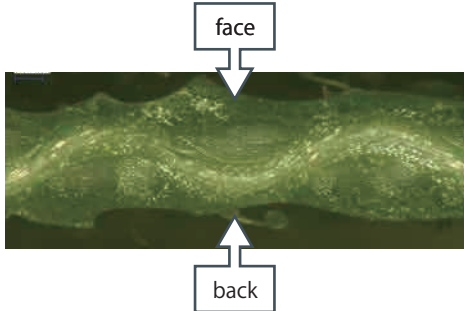


White Band with specular working (Senoh)



Senoh white band

White Band without specular working Uneven surface catches finger marks easily.



Gneral White Band

FIVB Approved Indoor Volleyball System



Senoh's "Volleyball & Beach Volleyball Posts, Safety Pads, Net & Antennae and Referee Chair" have been approved by FIVB as official equipment since 1992.



DE1015 Official Volleyball Posts

| |
|---|
| FIVB approved |
| Indoor use |
| Internal bevel gear system |
| Special cold drawing steel tube construction |
| Fine height adjustment for multiple floor heights |
| Under-floor L300mm |
| φ76.3mm |



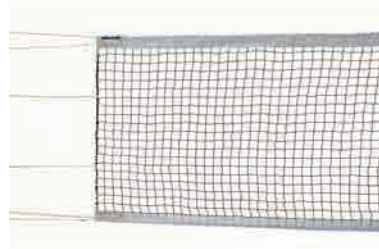
DE2010 Official Safety Pads

| |
|---------------------------|
| FIVB approved |
| Indoor use |
| Urethane foam |
| Inside TV cable insertion |
| H1850 x L230 x W280mm |

How to set up



FIVB Approved Indoor Volleyball System



DE8003 Official Volleyball Net

FIVB approved

Indoor use

Polyethylene net with technora cable

Dtex 90T/360

H1000 x L9500mm

100mm x 100mm square mesh

DE800361 Official Volleyball Net

FIVB approved

Indoor use

Recycled polyester with technora cable

Dtex 1670T/14

H1000 x L9500mm

45mm x 45mm square mesh



※ Logo print on DE800361 net mesh available (DE800P01-10)

※ Logo print on white bands available upon request (DE800080)



DE800362 Official Volleyball Net

FIVB approved

Indoor use

Recycled polyester with technora cable

Dtex 1670T/14

H1000 x L9500mm

45mm x 45mm square mesh

FIVB logo print on top and bottom white bands



DL0520 Official Referee Stand

FIVB approved

Indoor use

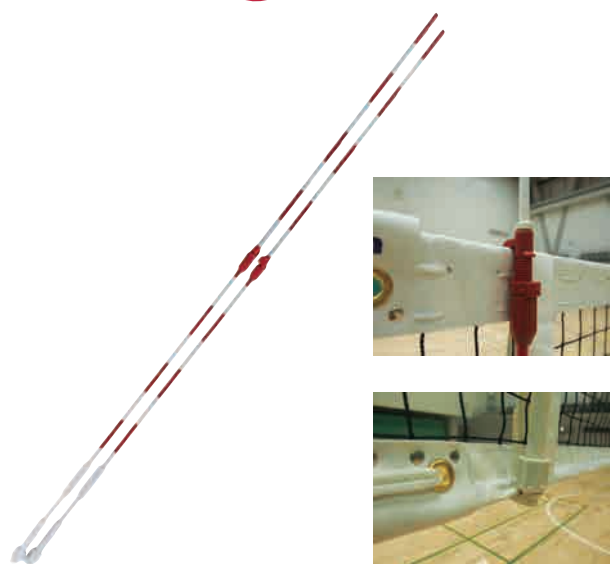
Heavy duty steel frame with padding

Easy to transport with casters

Detachable hand rail

H1850 x L1100 x W970mm

Footplate height is finely adjusted by handle
(H1040-1640mm)



DE9411 Official Volleyball Antennae

FIVB approved

Indoor & Beach use

Sold in pair

L1800 x Φ 10mm

Made in Taiwan



KD0140 Floor Apparatus
(for Floating Wooden Floor)

KD0141 Floor Apparatus
(for Synthetic over Concrete Floor)

Indoor use

Upright socket under floor

Aluminum alloy sliding type

Under floor L350mm(for under floor L300mm upright)

Floor plate L170 x W146mm

For Φ 76.3mm Post

All Senoh Indoor Volleyball Posts require Floor Apparatus to be installed previously under the floor before setting the Posts up. Construction concrete setting may take about 7-14days.



| |
|---|
| DE2200 Safety Pad Cover |
| Custom made cover for DE2010 |
| Any color + any print design with wide range of possibilities |
| Easy attach and detach with Velcro and zipper |
| Light and smooth fitting |
| Tricot made |

How to set up



FIVB Approved Beach Volleyball Equipment



Senohs' Beach Volleyball Net System has been continually evolving. The high grade model has higher rigidity, faster net height change between men and women without losing the net. It has been used at Top Class FIVB events and TOKYO 2020 Olympic Games.

High Grade version



High Grade version

New



DE5510 Beach Volleyball Posts HG

| |
|---|
| FIVB Approved |
| Internal bevel gear system for fine height adjustment |
| Enables easy and fast net height change |
| With net tension gauge |
| Aluminum made |
| Dust/Water/Rust proof design |
| Under ground L300mm |
| Inner post Φ 76.3 mm, outer post Φ 100 mm |

Without loosening net, fast and easy net height change.

New



DE2310 Safety Pads HG

| |
|---------------------------------------|
| FIVB Approved |
| For DE5510 |
| Urethane foam covered with tarpaulins |
| Dust/Water/Rust proof design |
| Easy attach/detach with Velcro tapes |
| H 2000 mm |

New

DL0600 Beach Volleyball Referee Stand HG

| |
|--|
| FIVB Approved |
| Steel frame with padding (Urethane foam covered with tarpaulins) |
| Dust/Water/Rust proof design |
| W 1310 mm, D 1070 mm Hand Rail : H 2145-2345 mm Foot step : H930 – 1530 mm |





Since the succeeding system comes into the world, Senohs' Beach Volleyball Net System has been consecutively selected at the major international events. Also, it is expanded to use at sport clubs and sport facility.

The products are for beach use --dust/water/rust resistant, easy height adjustment, reasonable weight to handle and sustain the durability for high performance.

Standard version



Standard version



| DE5000 Beach Volleyball Posts |
|--|
| FIVB approved |
| Beach use |
| Internal bevel gear system for fine height adjustment |
| Aluminum made |
| Dust/Water/Rust proof design |
| Under ground L300mm |
| Inner post : Φ 76.3mm Outer post : Φ 85.0mm |



| DE2100 Safety Pads |
|---------------------------------------|
| FIVB approved |
| Beach use |
| Urethane foam covered with tarpaulins |
| Easy attach/detach with Velcro tapes |
| Dust/Water/Rust proof design |
| H1700mm |



| DL0200 Beach Volleyball Referee Stand |
|--|
| FIVB approved |
| Beach use |
| Steel frame with padding |
| Detachable handrail |
| H2100 x W750 x D900mm |
| Footplate height adjustable 930-1430mm |

FIVB Approved Beach Volleyball System



KZ5010 Beach Volleyball Anchor System

Beach use

Hot dip galvanized steel anchor socket x2
Steel pipe 1500mm x 2
Fine timber 1500mm x 4
Sand bag x 12

For $\Phi 76.3$ mm post For under floor L300mm post

Under ground 500mm

KZ5100 Beach Volleyball Anchor System

Beach use

Hot dip galvanized steel anchor socket x2

Simple type for the court with enough sand depth

Under ground 1000mm

For $\Phi 76.3$ mm post For under floor L300mm post



DE6300 Beach Volleyball Court Lines

Beach use

For 16x8m court, consists of 4 lines

Polypropylene made

Pulled in the sand by adjustable polyester cable and rubber disc base

W50mm



DE8410 Official Beach Volleyball Net

FIVB approved

Beach use

Technora cable with polyethylene net

With wooden stick

Dtex 90T/360

H1000 x L8500mm

DE841061 Official Beach Volleyball Net

Same specification as DE8410

45mm x 45mm square mesh

- FIVB logo print on DE8410 may be required for particular game under regulation
- Logo print on DE841061 net mesh available



| |
|--|
| DE1515 Steel Volleyball Posts |
| Indoor use |
| 12 pin stops system for the fixed floor height |
| Special steel cold drawing tube construction |
| Φ76.3mm |
| Under-Floor L300mm |

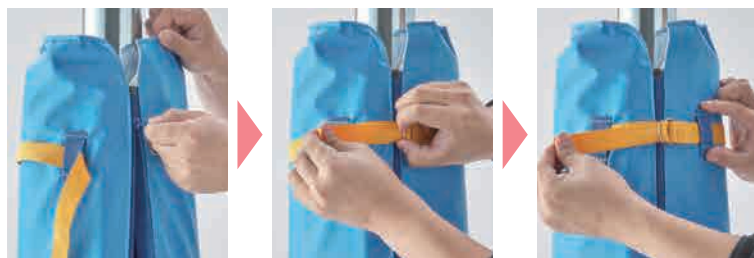
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|---|
| DE5300 Carbon Volleyball Posts |
| Indoor use |
| Internal bevel gear system with fine height adjustment for multiple floor heights |
| Carbon |
| Φ76.3mm |
| Under-Floor L300mm |

| |
|---|
| DE1300 Aluminum Volleyball Posts |
| Indoor use |
| Internal bevel gear system with fine height adjustment for multiple floor heights |
| Rust-resistible aluminum made |
| Φ76.3mm |
| Under-Floor L300mm |

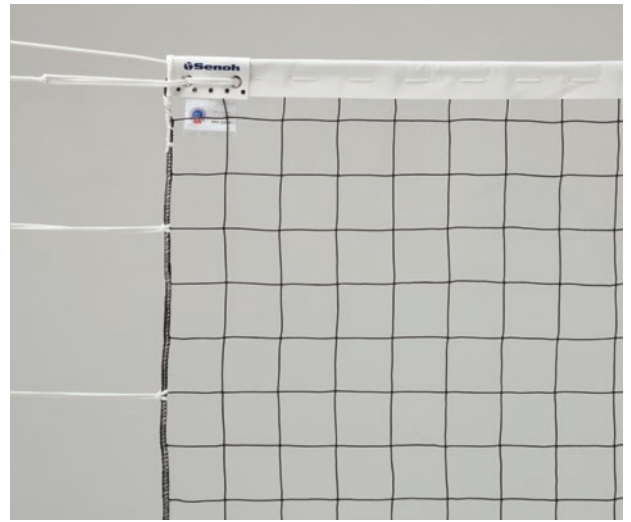


| |
|--|
| DE1901 Safety Pads |
| Indoor & Beach use |
| Polyethylene & urethane double layers foam |
| Ester waterproof with zipper |
| H1700mm |

How to set up



Volleyball Other Models



DE8500 Volleyball Net

Technora cable with recycled polyester net

dtex 1650T/16

100mm x 100mm square mesh

H1000 x L9500mm with side belts

DE8202 Volleyball Net

Technora cable with polyethylene net

dtex 440T/60

H1000 x L9500mm with side belts

100mm mesh



DE9FVB01
Volleyball
Net EN

DE9FVB02
Volleyball
Net EX

DE9FVB03
Volleyball
Net EN

Indoor use

Beach use

Polyethylene net with Technora cable

Dtex 488T/45, Φ 2.5mm

Side belts included

H1000mm
L9500mm

H1000mm
L8500mm

100mm x 100mm square mesh

Top rope
strength
8400N

Top rope
strength
5500N

Top rope
strength
8400N

Made in Taiwan

DL0201 Referee Stand

Footplate height 930 - 1430mm

L1000 x W680mm x H2100mm

With casters, handrail
and drink holder

DL0131 Referee Stand

For multi-purpose use

Footplate height 830 - 1530mm

L745 x W784mm x H1572mm



In 2016, Senoh's volleyball expertise bears sitting volleyball equipment. Light and tough carbon made uprights enable easy handling. For all the people who love and enjoy volleyball --- Senoh is proud of providing all the volleyball players with the best quality that is absolutely safe and have a long life. Senoh's sitting volleyball system was selected and used at Tokyo 2020.



DE5308 Sitting Volleyball Posts

| |
|---|
| For Sitting Volleyball |
| Internal bevel gear system for fine height adjustment |
| Carbon made |
| Under ground L300mm |
| Φ76.3mm |



DE2118 Sitting Volleyball Safety Pads

| |
|---------------------------------------|
| For Sitting Volleyball |
| Urethane foam covered with tarpaulins |
| Easy attach/detach with Velcro tapes |
| H1150mm |



DE0508 Sitting Volleyball post with Portable Base

| |
|--|
| For Sitting volleyball |
| Internal bevel gear system for fine height adjustment |
| Special cold drawing steel tube construction |
| Weight 20 kg × 60 pc for pair |
| Urethane foam covered with tarpaulins,easy attach/detach with Velcro tapes |
| L1000 × W1160 × H1000 - 1200mm |



DE050M30 Antislip Protection Panel

| |
|---|
| For DE0508 |
| For vinyl sports flooring (ex:taraflex) |
| L910×W1050×TH9mm |



DE8218 Sitting Volleyball Net

For Sitting Volleyball

Technora cable with polyethylene net

dtex 440T/60

100mm x 100mm square mesh

H800 x L7000mm with side belts



DE9418 Sitting Volleyball Antennae

For Sitting Volleyball

Sold in pair

L1600 x Φ 10mm

Glass fiber made

DE9438 Sitting Volleyball Antennae & Side Belt with Pocket

For Sitting Volleyball

WPV recommended for the competition

Sold in pair

L1600 x Φ 10mm

Glass fiber made

With net side belt with pocket



KD0140

KD0141

KD0140 Floor Apparatus (for Floating Wooden Floor)

KD0141 Floor Apparatus (for Synthetic over Concrete Floor)

Indoor use

Post socket under floor

Aluminum alloy sliding type

Under floor L350mm(for under floor L300mm upright)

Floor plate L170 x W146mm

For Φ 76.3mm

All Senoh Indoor Volleyball Posts require Floor Apparatus to be installed previously under the floor before setting the Posts up. Construction concrete setting may take about 7-14days.



| |
|----------------------------------|
| DS0730 Desktop Scoreboard |
| Indoor & Beach use |
| For scorer desk |
| Double face indication |
| Set: 0-5, Score: 0-48 |
| H243 x W490 x D164mm |



| |
|---------------------------------|
| DS0731 Manual Scoreboard |
| Indoor & Beach use |
| DS0730 with leg stand |
| Double face indication |
| Set: 0-5, Score: 0-48 |
| H1230 x W490, Dia300mm |



| |
|---|
| DS0151 Manual Scoreboard |
| Indoor use |
| for Volleyball and Basketball |
| White board for free writing |
| Set : 1-5, Score : 0-199 |
| Water-proof score canvas H420 x W180mm |
| H1805 x L1525 x W658mm |



| |
|---------------------------------|
| DS0400 Manual Scoreboard |
| Beach use |
| H1800 × W930 × D450 mm |



Scoreboard with Sponsor Board.

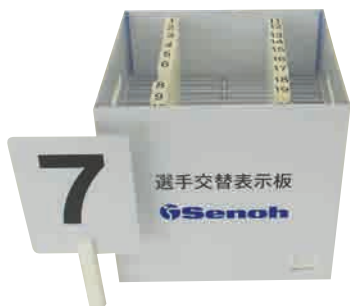


DS040M10



※Latch to prevent the number plate flipping by strong wind.

| |
|-------------------------------|
| DS040M10 Sponsor Board |
| H460 × W900 × D45 mm |



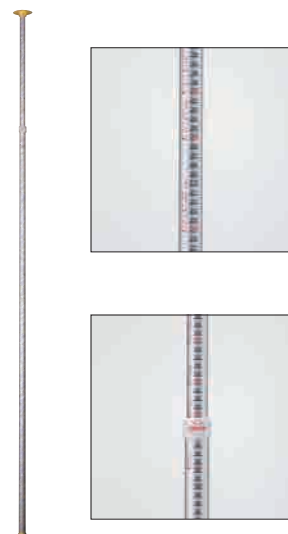
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| DS9P5410 Substitution Paddle |
| Indoor use |
| Set of 2 boxes (No.1-20) |
| Polyvinyl /acryl made |
| H295 x L282 x W308mm |
| Number plate H180 xW140mm |
| Made in Poland |



| |
|----------------------------------|
| DS040M01 Server Indicator |
| Beach use |
| Number plate H180 xW140mm |
| Set of 2 units, with nylon bag |
| Made in Poland |



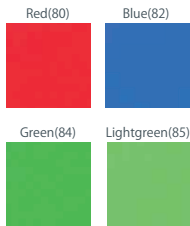
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|--|
| DL060M01 Warning Card |
| Indoor & Beach use |
| In synthetic leather holder with Velcro tape |
| Yellow and red cards |
| H100 x W150mm |



| |
|-----------------------------------|
| DZ9101 Net Height Measurer |
| Indoor & Beach use |
| Multi-purpose |
| Aluminum made |
| Measurement range 914-3050mm |



Yellow(81)



AT9110 Spotting Block

For receive training
(attacker safely can stand on the block)

Styrene foam with EVA, covered with tarpaulin

W630 × L1050 × H800mm

5 color choices

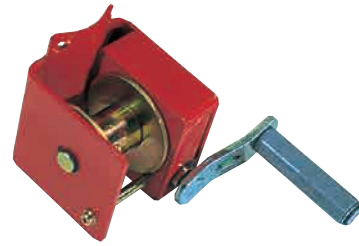


AT3200 Spotting Block

For receive training
(attacker safely can stand on the block)

Styrene foam with urethane, covered with vinyl leather

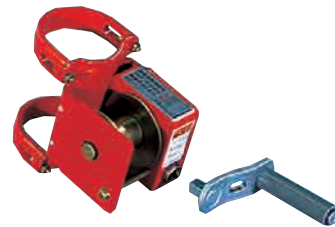
W700 × L1000 × H600mm



DE100M36 Net Ratchet

Worm gear system

For DE1015 and DE1515



DE100M71 Net Ratchet

Worm gear system

For DE1300, DE5300, and DE5308



DE100M58 Handle

For net ratchet height adjustment

For all Senoh upright



DE800M03 Top rope

Technora cable

L 1550cm

For replacement



DK0830 Desktop Ball Stand

Indoor & Beach use

For scorer desk

Holds 6 official measured balls

H510mm



DK0610 Ball Cage

Indoor use

For 42 volleyball with casters

Foldable T125mm

W650 x L875 x H670mm



DK0111 Bar Storage Rack

Indoor use

For 18 uprights with casters
(for 4 volleyball uprights on red hook)

W800 x L1100 x H1510mm



DK0110 Bar Storage Rack

Indoor use

For 8 uprights with casters
(for 4 volleyball uprights)

W600 x L1100 x H800mm

33kg

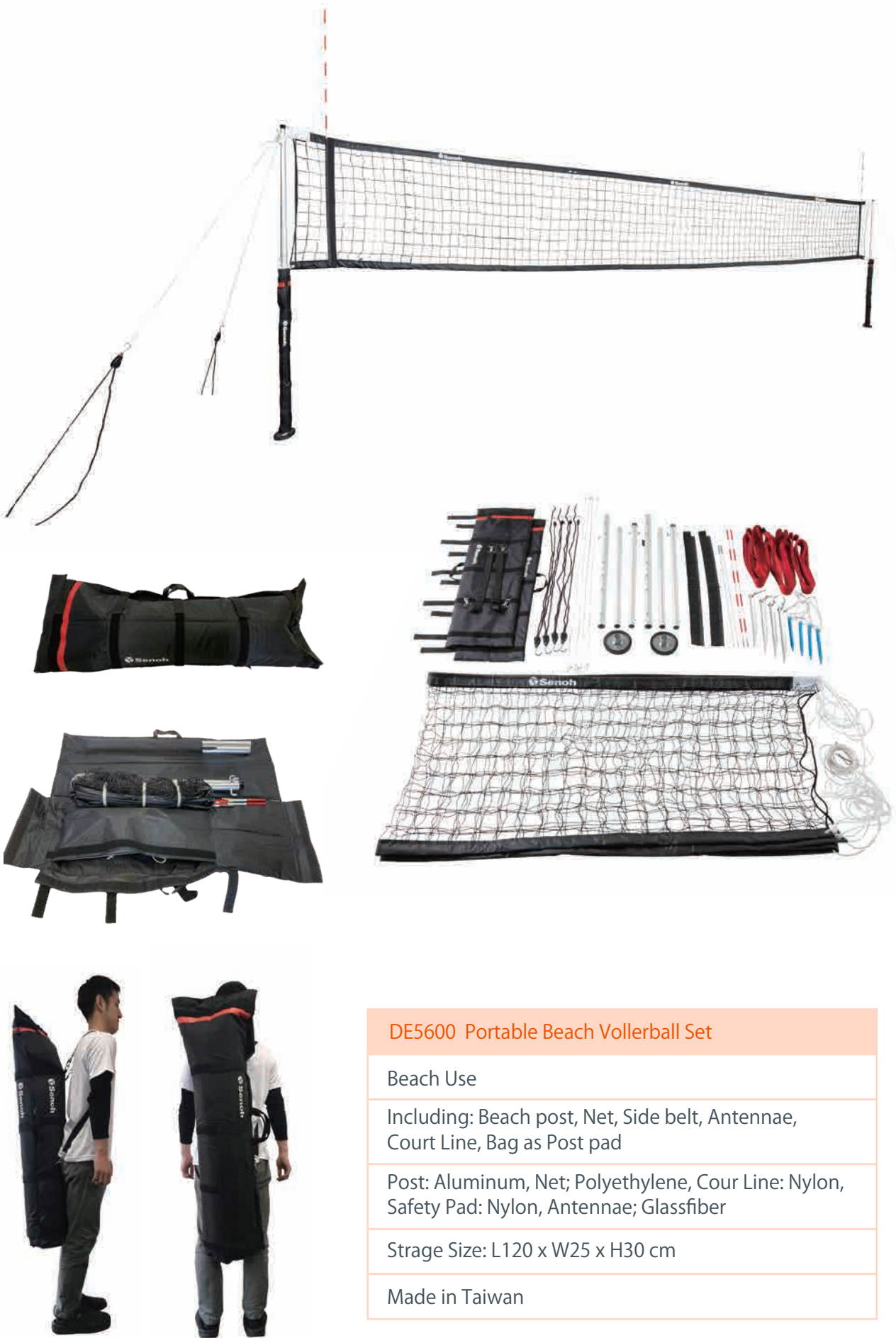


DE000040 Bar Storage Rack

Indoor use

For 2 volleyball uprights with casters

W440 x L1340 x H800mm



DE5600 Portable Beach Vollerball Set

Beach Use

Including: Beach post, Net, Side belt, Antennae, Court Line, Bag as Post pad

Post: Aluminum, Net; Polyethylene, Cour Line: Nylon, Safety Pad: Nylon, Antennae; Glassfiber

Strage Size: L120 x W25 x H30 cm

Made in Taiwan



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