

DE8410 FIVB Official Beach Volleyball Net

User's Manual



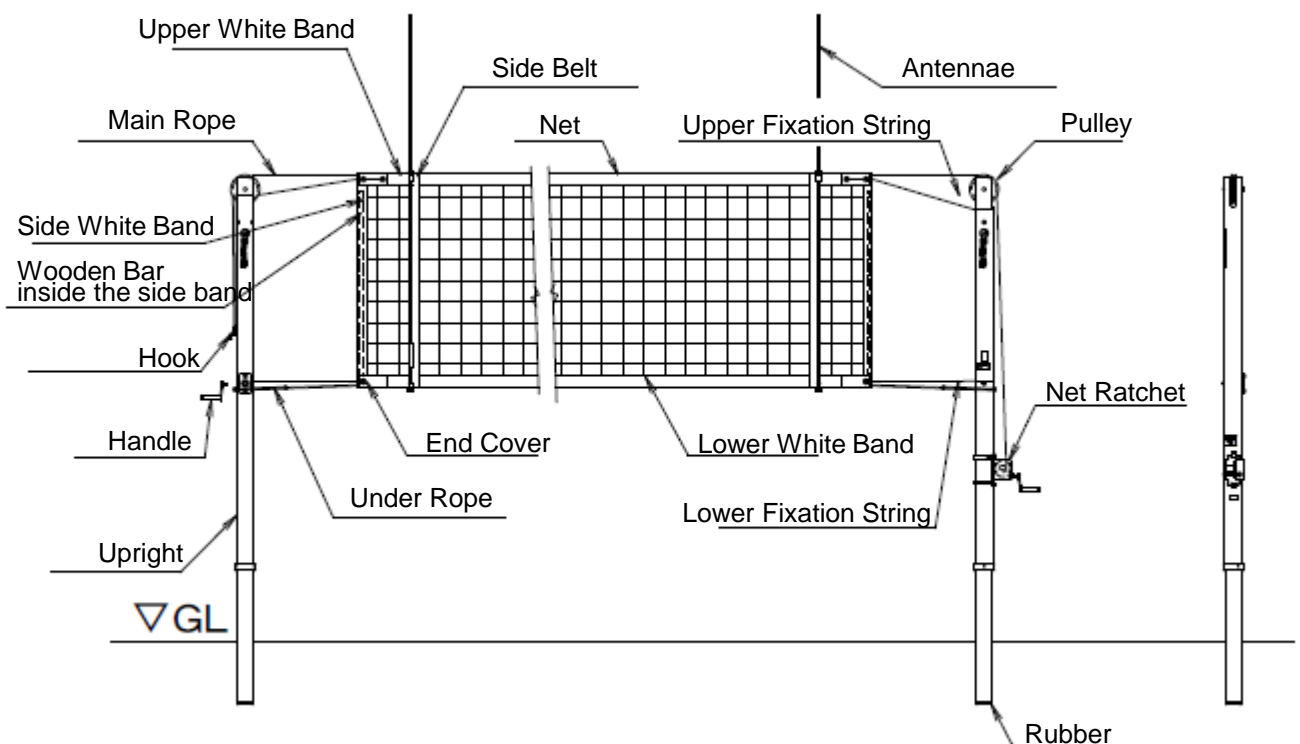
For Safety Use



Caution

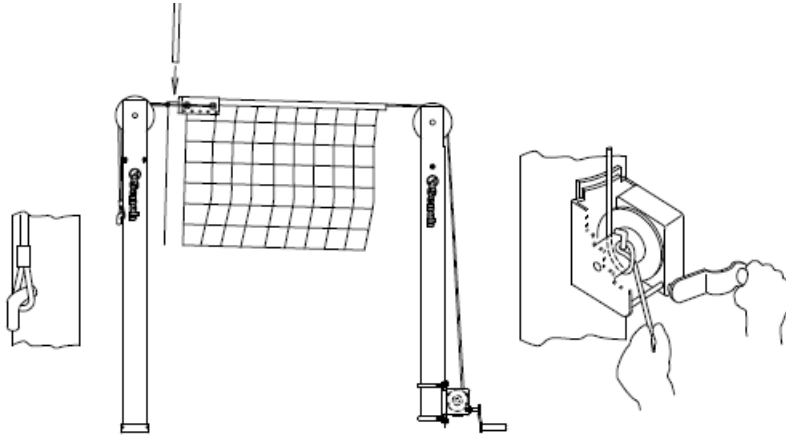
- Misuse causes unexpected injury and net damages.
- Keep the net away from solid and sharp materials.
- Keep the rope away from sharpen edges of uprights or net ratchet.
- Do NOT over-tighten the net.
- Do NOT adjust the upright height while the net is set.
- Do NOT hang down from the net.
- Do NOT put hands into the ratchet. Turning ratchet may cause serious injury.
- Tension is adjusted by the main rope and under rope. Do NOT pull the end covers or white bands covering these ropes.
- Fixation strings are to set the net position. Do NOT give the strings a strong pull .
- Replace the rope if any damages is on the surface.
- Detach the net after every use.
- Remove sands, seawater (salt), and sweat after every use.
- Fold the net neatly and put it in the bag after every use.
- Do NOT leave the net outdoor.
- Store the net free from humidity and direct sunlight.
- Inspect the apparatus regularly and use safely.

Name of each Part

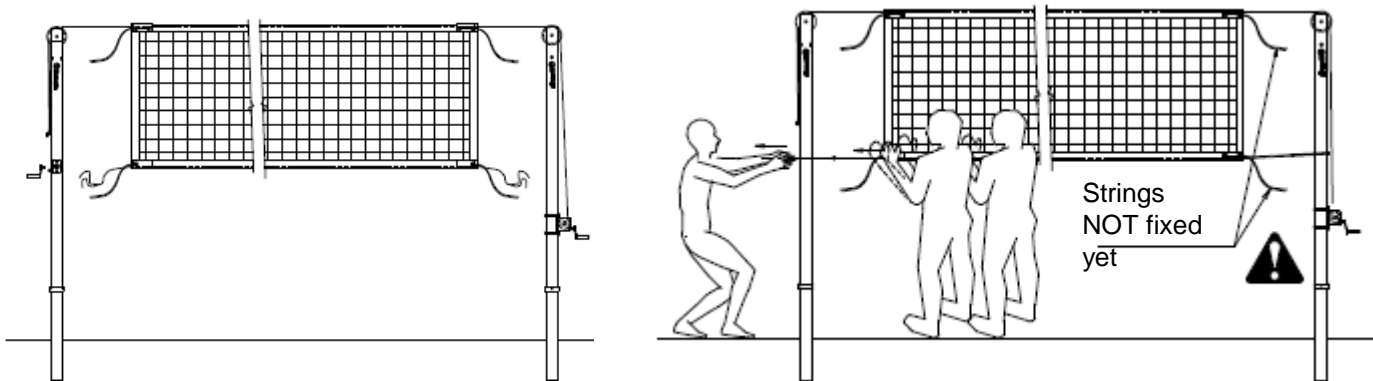


How to set the net

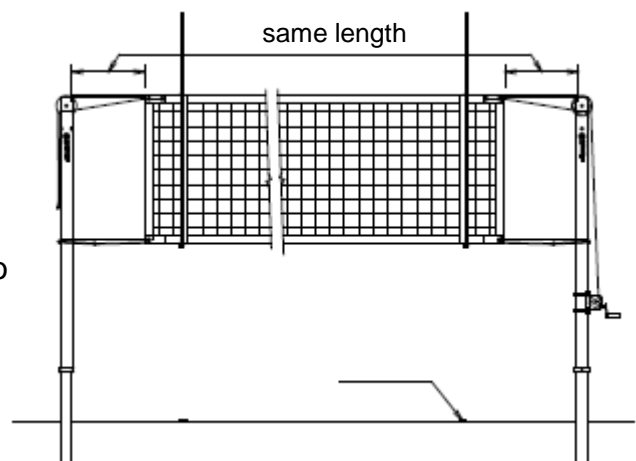
1. Insert the wooden bar from the top of the side white band.
2. Spread the net, let the main rope through pulley groove, and catch the tip of the rope on the hook of the upright.
3. The other side of the rope goes to the net ratchet. Turn the ratchet handle and tighten the net.



4. Pull the under rope horizontally and tie it to one upright (which has the net ratchet).
5. Pull the other side of under rope horizontally and tie it to the other upright. Make sure that the upper and lower fixation strings are not fixed yet.



6. Adjust the net position and make sure that the net is centered. Each length between the net end and uprights must be the same.
7. Tie the upper and lower fixation strings to the uprights.
8. Attach both side belts and antennae.



Maintenance and Inspection

For your safe use, daily inspection is necessary. Ask experts authorized by supplier for annual maintenance.

Parts	Periodical inspection	Period
Rope	Any deformation or damage	Daily
White Band / Side Belt	Any tear or damage	Daily
Net	Any deformation , damage, or fray	Daily
Antennae	Any deformation, bend, or damage	6 months

The Standard Period of Durability

The durability is affected directly through the surrounding conditions, frequency and the way in use, and the maintenance factors. Therefore, the standard period of durability mentioned here is under the assumption in conformance with proper usage and maintenance. After the period, the product is more likely begin losing the original features and may raise the cause in the product-damage.

Parts Name	Standard Durability Period
Rope	2 years
White Band / Side Belt	4 years
Net	4 years
Antennae	6 years

DE2100 Official FIVB Beach Volleyball Pads

User's Manual



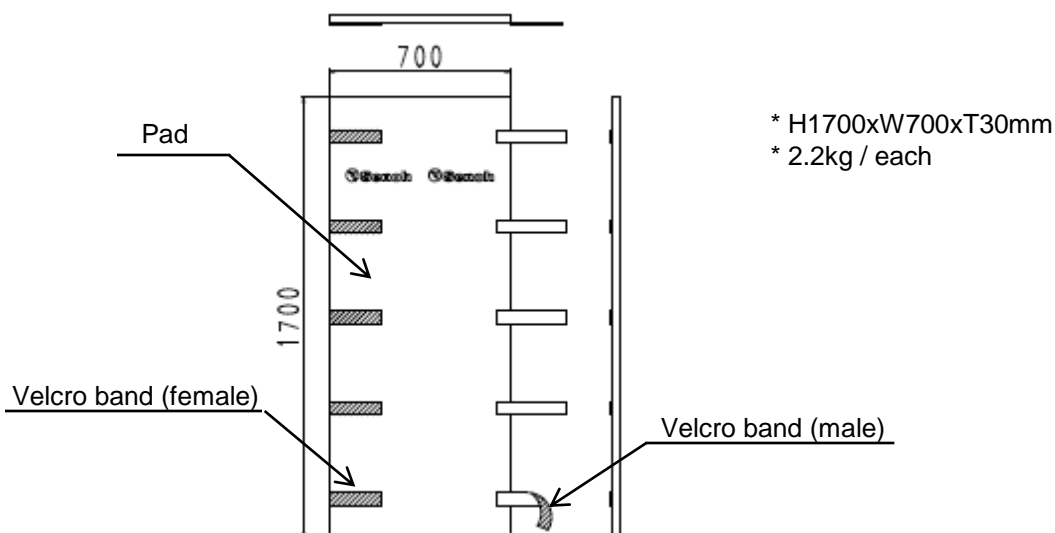
For Safety Use



Caution

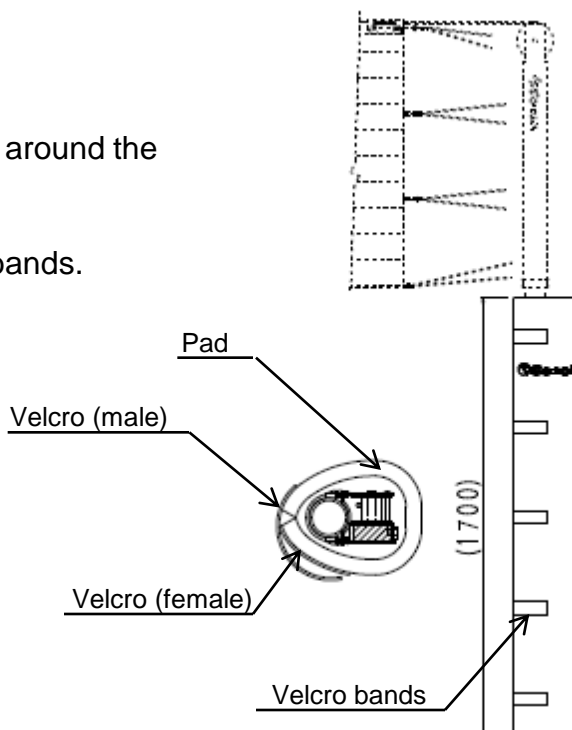
- These pads are for beach volleyball use only.
- Do NOT scratch the surface of the pads with something hard or sharp...
- Make sure that the pads are firmly attached to uprights with Velcro bands.
- Remove sands, seawater (salt), and sweat after every use.
- Store the pads free from humidity and direct sunlight.
- Inspect the apparatus regularly and use safely.

Name of each Part



How to Install

1. After the net is set, wear the pad around the upright.
2. Fix the pad firmly with 5 Velcro bands.



Maintenance and Inspection

For your safe use, daily inspection is necessary. Ask experts authorized by supplier for annual maintenance.

Parts	Periodical inspection	Period
Velcro Bands	Any damage or fray	Daily
Pads	Any deformation or damage	Daily

The Standard Period of Durability

The durability is affected directly through the surrounding conditions, frequency and the way in use, and the maintenance factors. Therefore, the standard period of durability mentioned here is under the assumption in conformance with proper usage and maintenance. After the period, the product is more likely begin losing the original features and may raise the cause in the product-damage.

Parts Name	Standard Durability Period
Pads (with Velcro bands)	3 years

DE5000 Official FIVB Beach Volleyball Uprights

User's Manual



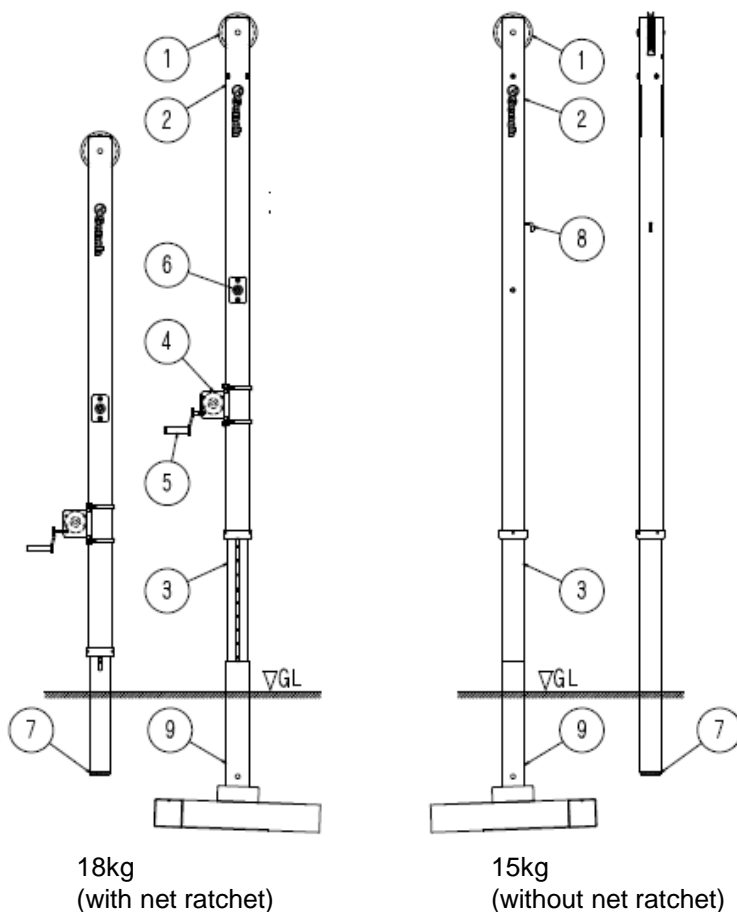
For Safety Use



Caution

- These uprights are for beach volleyball use only.
- Operate net ratchet handle by hand with care. Do NOT tighten the net too much.
- Each upright weighs about 18kg. Carriage and set-up requires more than 2 person.
- Be sure to wear cloths and shoes on for protection while handling this equipment.
- Be aware NOT to drop the uprights. It may cause injury and floor damage.
- Do NOT directly bury the upright underground. Always install KZ5000 anchor basement to fix the uprights.
- Top rope and under rope of the net must be loosen while adjusting the height.
- Detach the net and store the uprights on a storage rack.
- Remove sands, seawater (salt), and sweat after every use.
- Store the uprights free from humidity and direct sunlight.
- Inspect the apparatus regularly and use safely.

Name of each Part

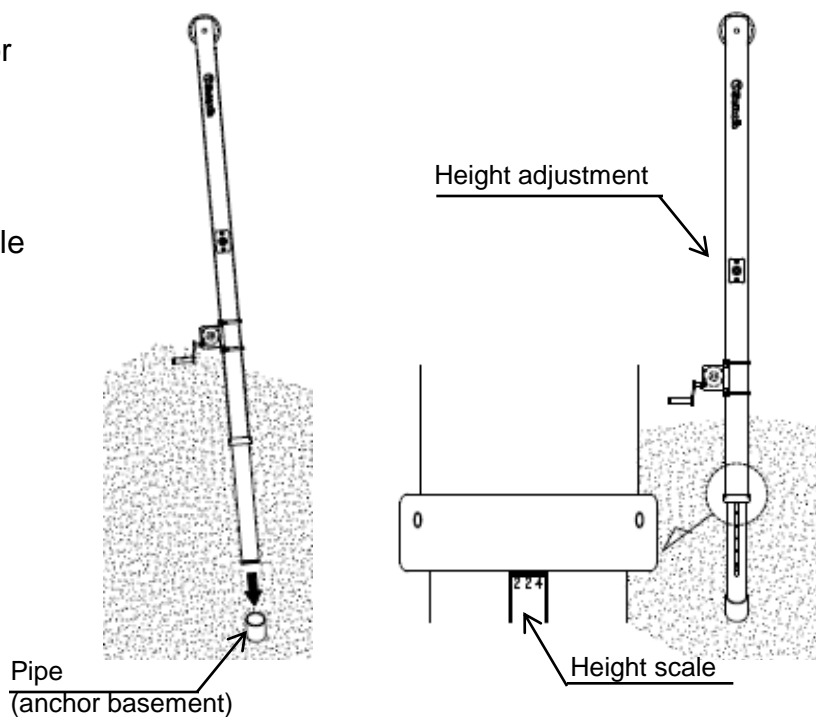


No.	Parts Name
①	Pulley
②	Upper Upright (movable)
③	Lower Upright
④	Net Ratchet
⑤	Handle
⑥	Height Adjustment
⑦	Rubber
⑧	Hook
⑨	Anchor Socket (KZ5000 sold separately)

How to Install

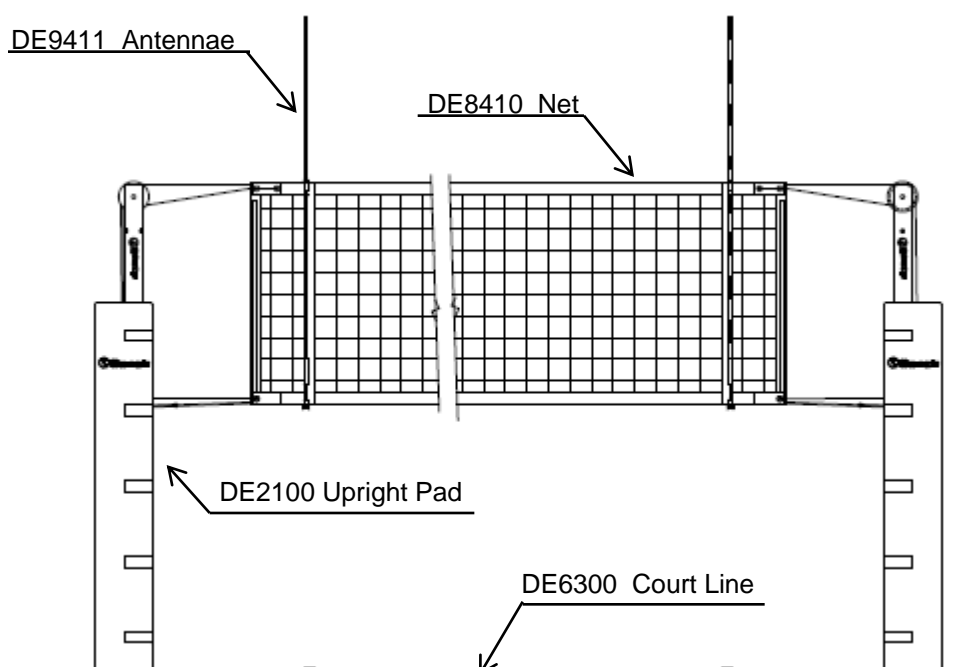
1. Insert the upright into Anchor Basement Pipe (KZ5000).
2. Turn height adjustment handle and set the height.

H2240mm --- women
H2430mm --- men



3. Set net (DE8410)*, antennae (DE9411)*, upright pads (DE2100)*, and court lines (DE6300)*.

* sold separately



Maintenance and Inspection

For your safe use, daily inspection is necessary. Ask experts authorized by supplier for annual maintenance.

Parts	Periodical inspection	Period
Pulley	Any deformation, wear, or bolts/nuts looseness	Daily
Height Adjustment	Any deformation, damage, or difficulty in adjusting height	Daily
Net Ratchet	Any damage, wear, noise, or screw looseness	Daily
Hook	Any deformation or damage	1 month
Upright	Any deformation, damage, or difficulty in adjusting height	1 month
Each Bolt	Any deformation or damage. Tightness.	1 month
Rubber	Any deformation, damage, or wear	2 months
Anchor Socket	Any instability, damage, or deformation	2 months

The Standard Period of Durability

The durability is affected directly through the surrounding conditions, frequency and the way in use, and the maintenance factors. Therefore, the standard period of durability mentioned here is under the assumption in conformance with proper usage and maintenance. After the period, the product is more likely begin losing the original features and may raise the cause in the product-damage.

Parts Name	Standard Durability Period
Net Ratchet	3 years
Drive, Pulley, Rubber	3 years
Upright	9 years

DE6300 Official FIVB Beach Volleyball Court Line

User's Manual



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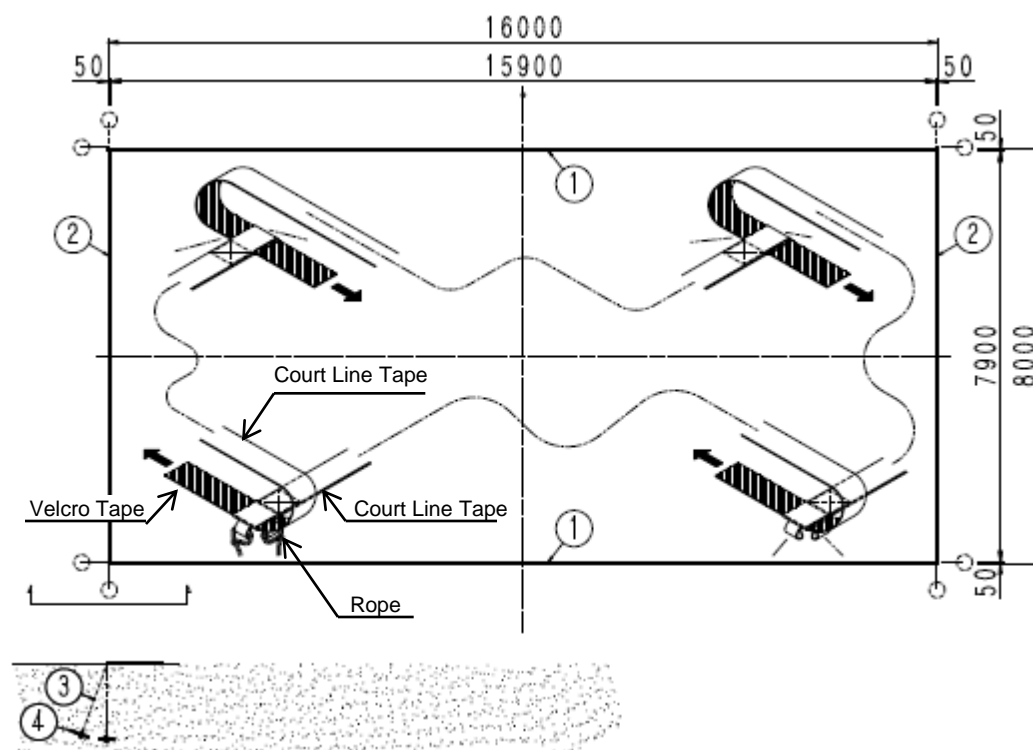
For Safety Use



Caution

- This court line is for beach volleyball use only.
- Do NOT scratch the surface of court line tapes with something hard or sharp..
- The court line tapes must be fixed with Velcro after adjusting the length.
- Be sure the end of court line tapes (4 corners) are buried and fixed with anchors .
- Be sure to wear cloths and shoes on for protection while handling this equipment.
- Remove sands, seawater (salt), sweat, then dry after every use.
- Store the lines free from humidity and direct sunlight (do NOT leave the lines at the court).
- Inspect the apparatus regularly and use safely.

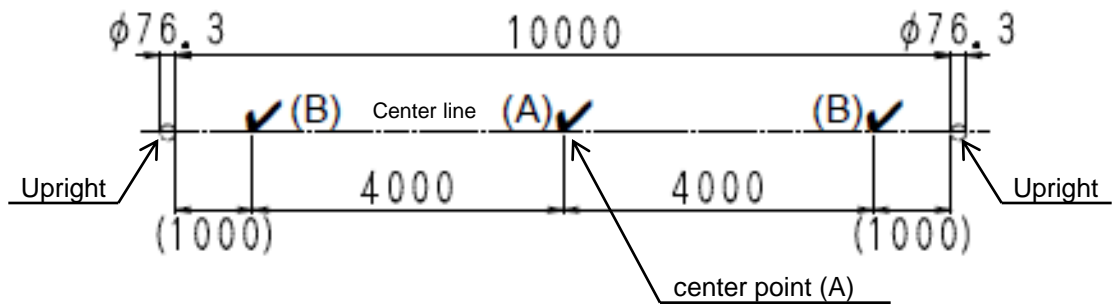
Name of each Part



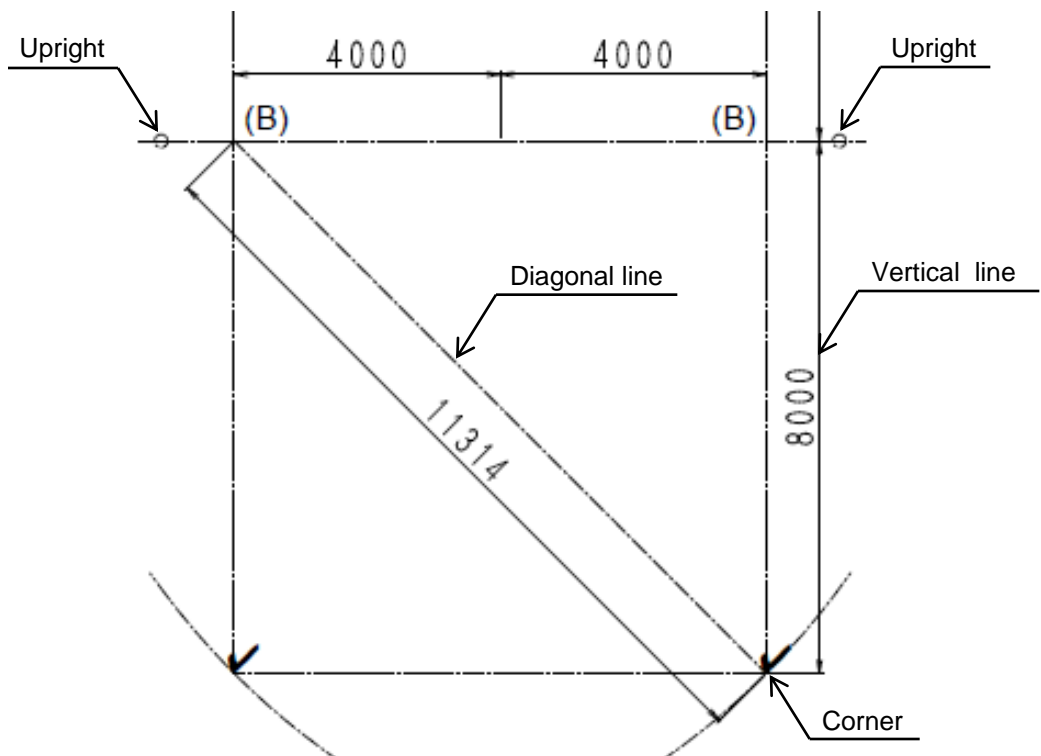
No.	Parts Name		Qty
①	Court Line Tape (long) with Velcro	W50mm x L17500mm (L1500mm for adjustment included)	2
②	Court Line Tape (short) with Velcro	W50mm x L9500mm (L1500mm for adjustment included)	2
③	Rope	Φ5mm x 1200mm	8
④	Anchor	Φ150mm x T10mm	8

How to Install

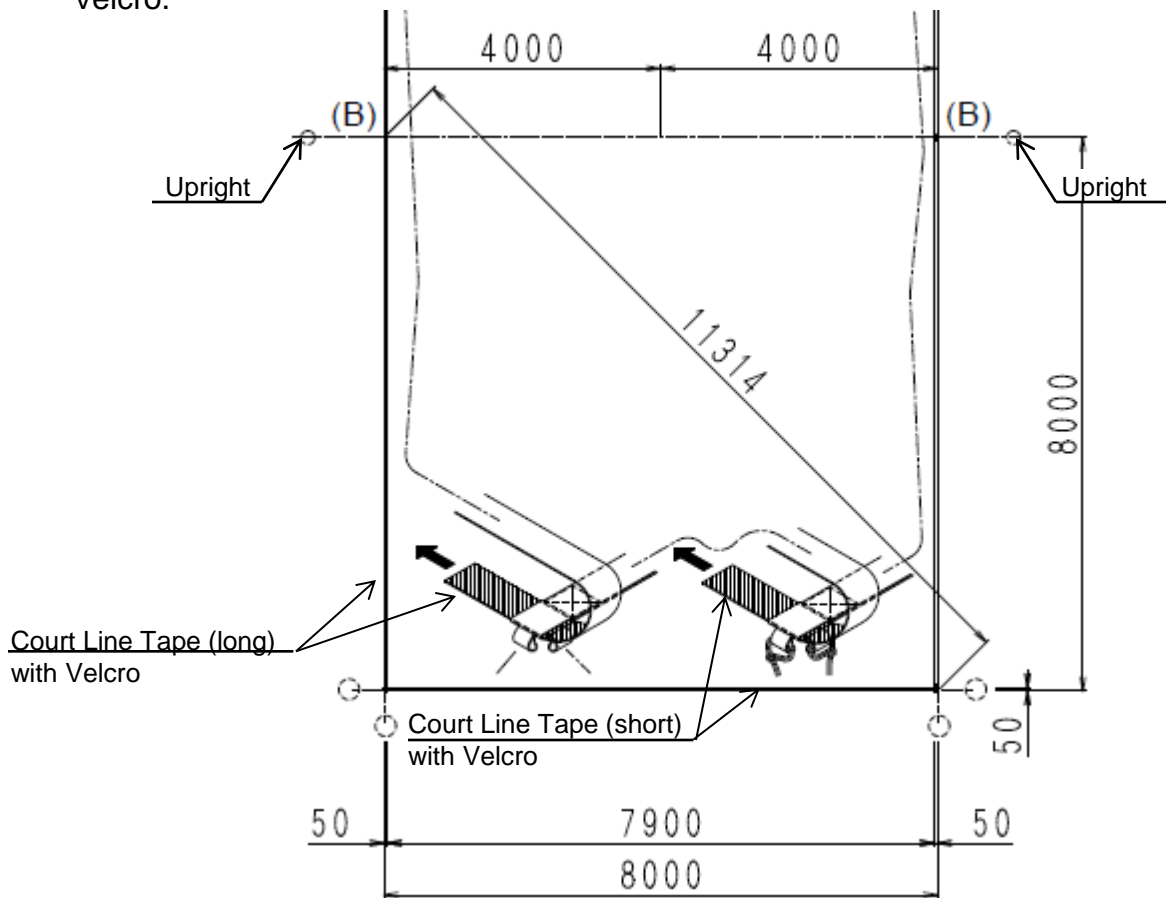
1. Decide a location of center line. Mark the center point (A) and 4000mm points (B) from the center (the length from upright to (B) point is 1000mm each).



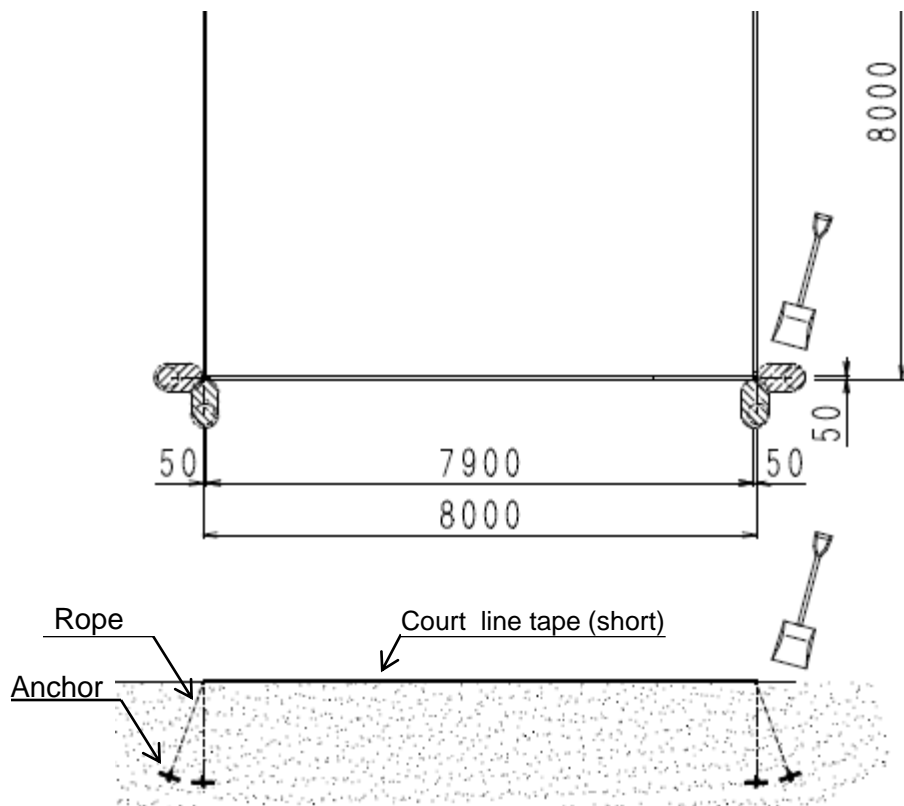
2. From each (B) point, measure 11.314m diagonally and 8m vertically. Mark a point where diagonal and vertical lines intersect as a corner. Repeat 4 times for 4 corners. .



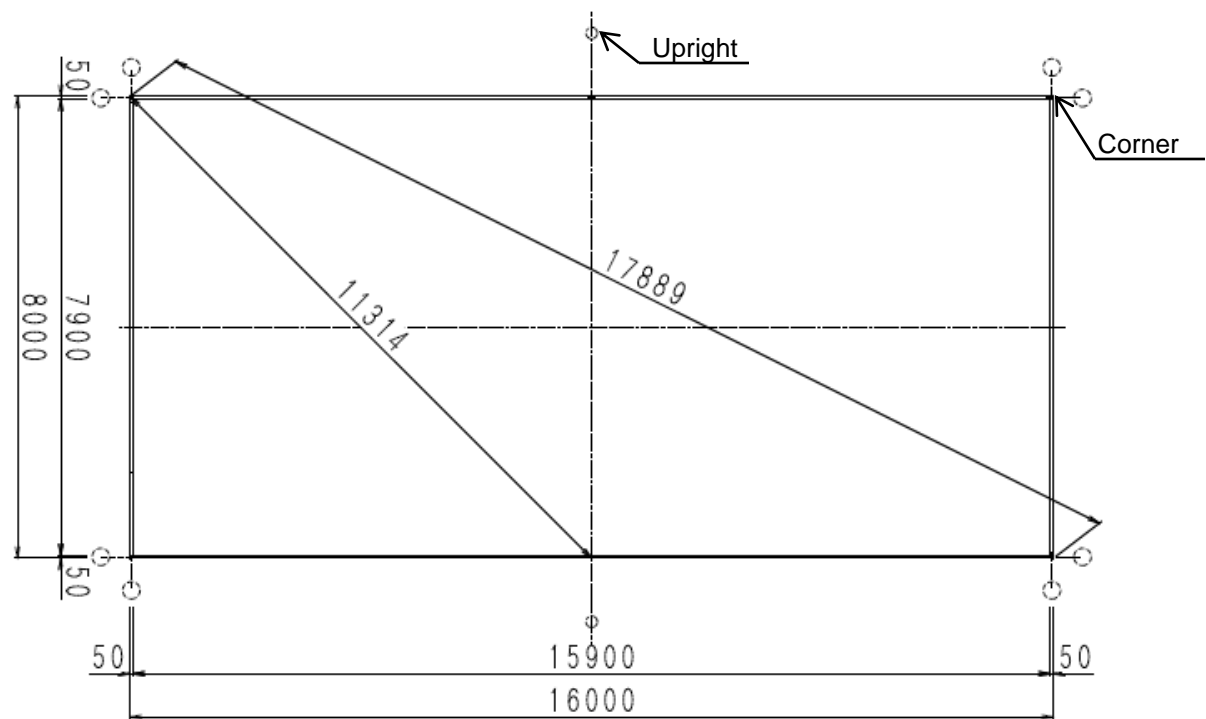
3. Meet court line tapes (long and short) at the corner and adjust the length with Velcro.



4. Dig a hole at each corner and fix the tapes with anchors.



5. Confirm each length is correct as follow.



Maintenance and Inspection

For your safe use, daily inspection is necessary. Ask experts authorized by supplier for annual maintenance.

Parts	Periodical inspection	Period
Court Line Tape	Any tear or fray	Daily
Rope	Any tear or fray	Daily
Anchor	Any damage, wear, or deformation	3 months

The Standard Period of Durability

The durability is affected directly through the surrounding conditions, frequency and the way in use, and the maintenance factors. Therefore, the standard period of durability mentioned here is under the assumption in conformance with proper usage and maintenance. After the period, the product is more likely begin losing the original features and may raise the cause in the product-damage.

Parts Name	Standard Durability Period
Court Line Tape	3 years
Rope	3 years
Anchor	3 years

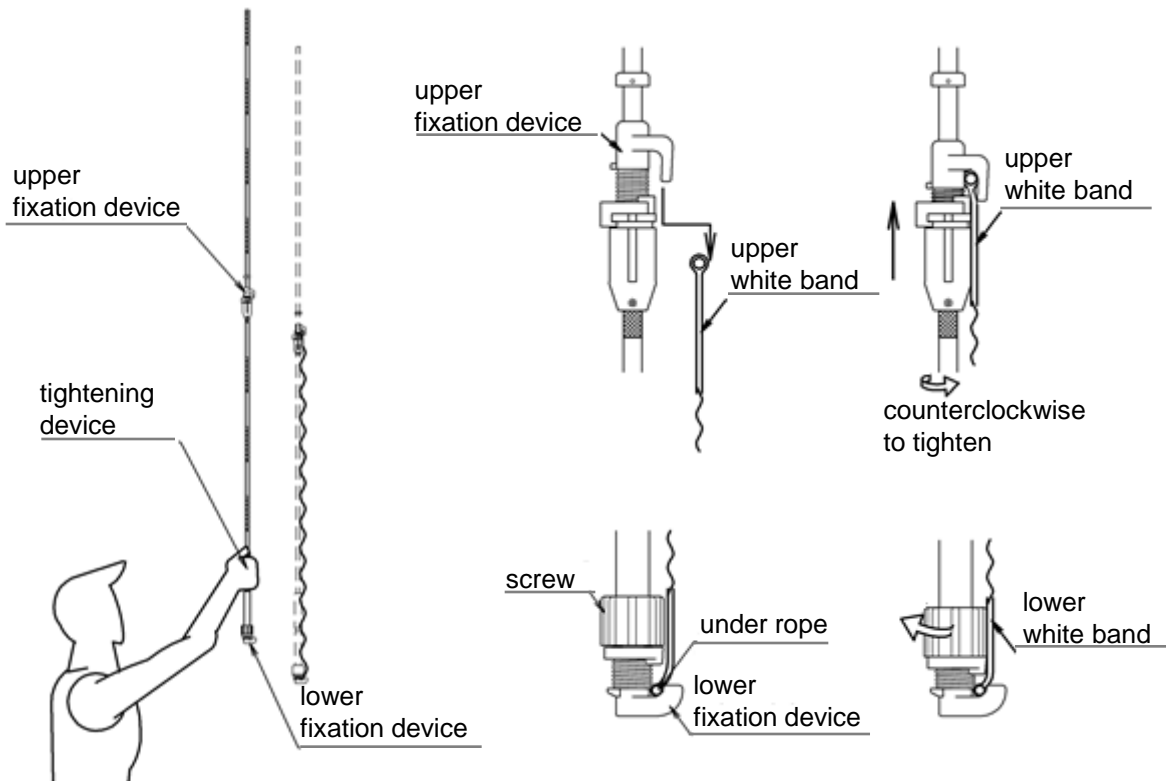
DE9411 FIVB Official Net Antennae

User's Manual



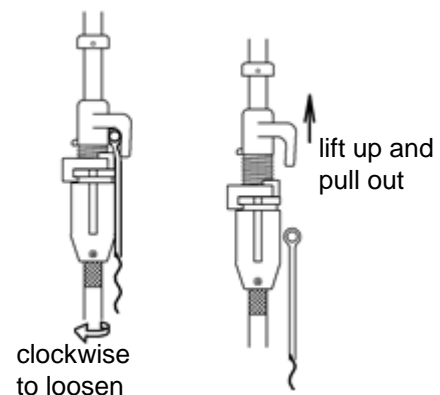
How to Install

1. Catch the upper white band with upper fixation device.
2. Turn the tightening device counterclockwise and fasten the upper white band to the upper fixation device.
3. Nip the under rope (inside the lower white band) in the lower fixation device.
4. Turn the screw clockwise and fasten the lower white band to the lower fixation device.



How to detach

1. Loosen the screw and remove the under rope from the lower fixation device.
2. Turn the tightening device clockwise and loosen the upper fixation device.
3. Pull the tightening device toward you a bit.
4. Lift the upper fixation device and detach from the upper white band.



Caution

- Wipe sweat, stain, or ball marks away with a soft cloth.
- For a heavy stain, mop up with a well-wrung cloth.
- Do NOT use polishing powder, solvents such as thinner, or scrub brushes. It may cause scratch and color loss.
- Inspect the apparatus regularly and use safely.

DL0200 Beach Volleyball Referee stand

User's Manual



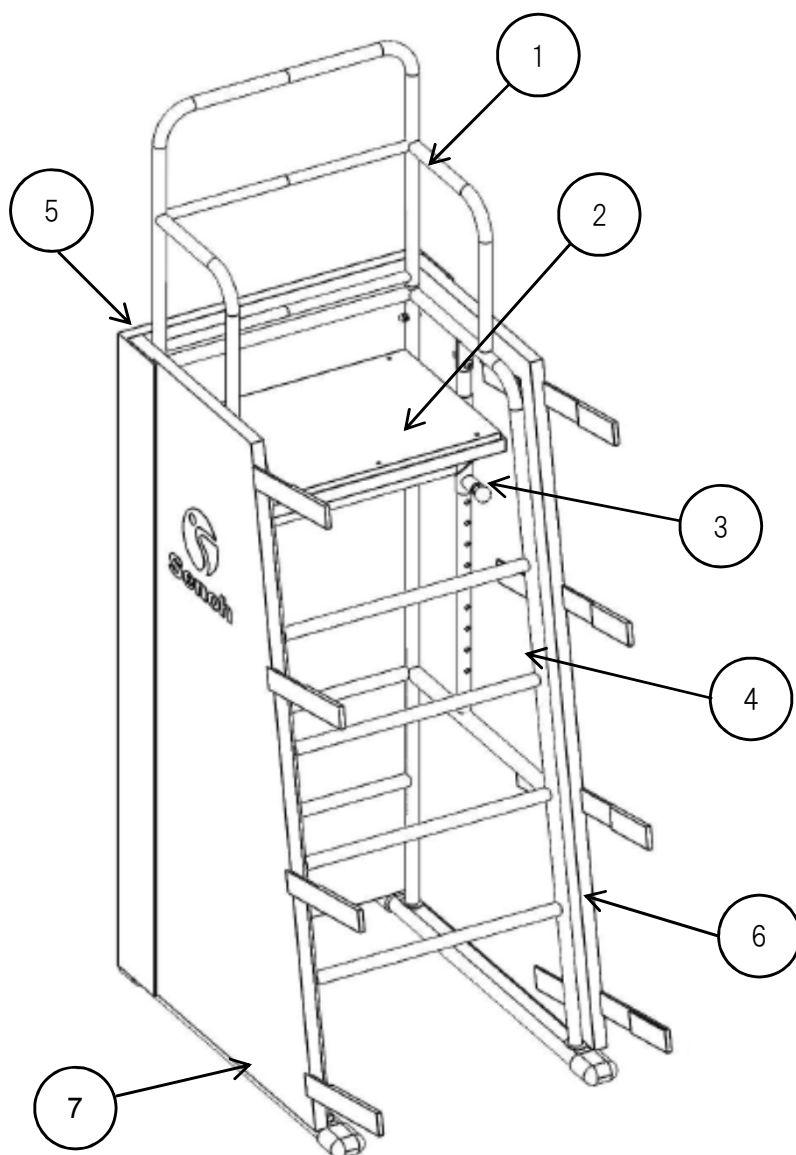
For Safety Use



Caution

- This referee stand is for beach volleyball use only.
- Do NOT scratch the surface with something hard or sharp.
- Make sure that the pads are firmly attached to the stand frame with Velcro bands.
- Make sure that height adjustment pin is firmly fixed.
- Made sure to step and stand at the center.
- Remove sands, seawater (salt), and sweat after every use.
- Store the referee stand free from humidity and direct sunlight.
- Inspect the apparatus regularly and use safely.

Name of each Part

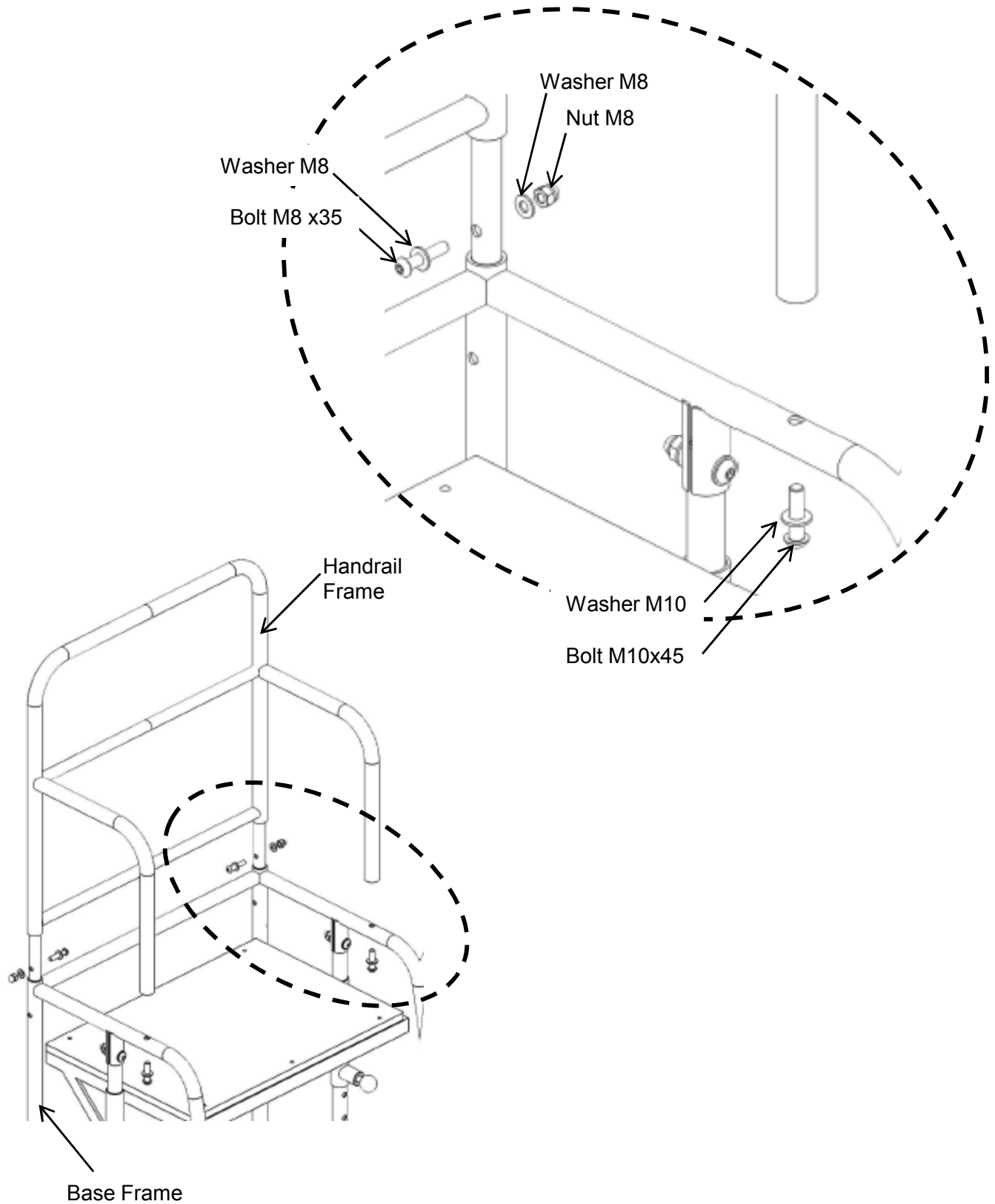


No.	Parts Name
①	Handrail Frame
②	Stage
③	Height Adjustment Pin
④	Base Frame
⑤	Front Pad
⑥	Right Pad
⑦	Left Pad

How to Assemble

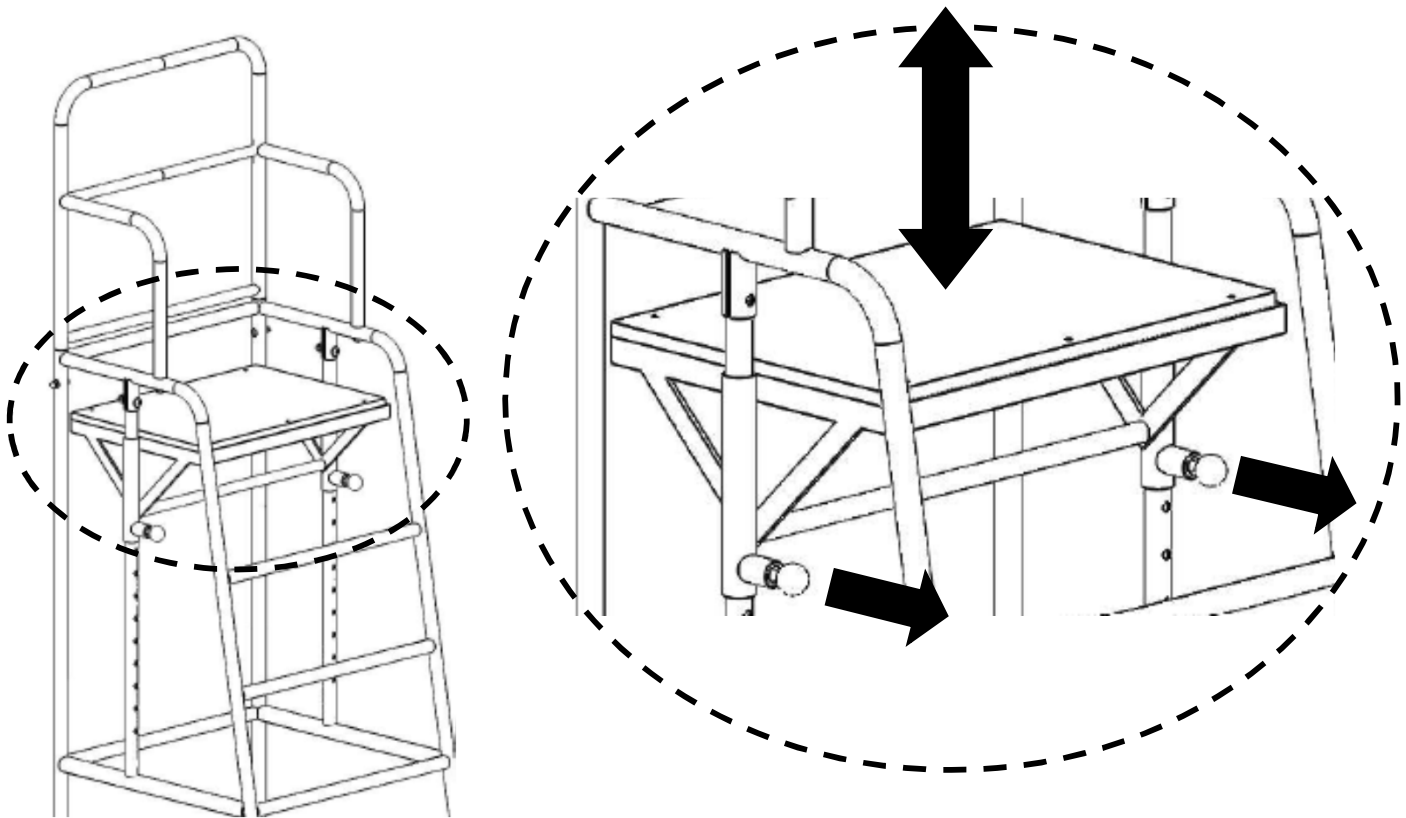
Insert the handrail to the base frame and fix the bolts with nuts as shown below.

* Be careful not to get your fingers caught

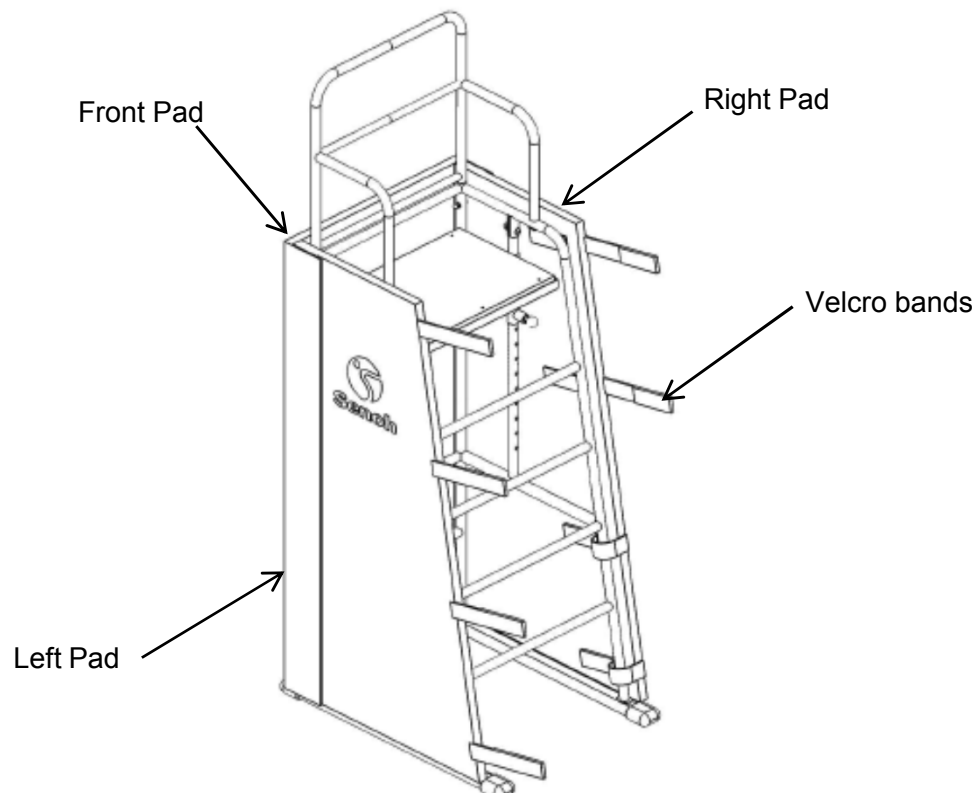


How to Install

1. Pull the height adjustment pin to adjust the height.
 2. Insert the pins and set the height.
- * Be sure the pins are firmly fixed in the hole.



3. Attach the pads with the Velcro bands to the frame.



Maintenance and Inspection

For your safe use, daily inspection is necessary. Ask experts authorized by supplier for annual maintenance.

Parts	Periodical inspection	Period
Frame	Any deformation, damage, or difficulty in adjusting height	Daily
Stand	Any bend, crack, or rust	Daily
Fixation parts	Any deformation, damage, or looseness	Daily
Pads	Any deformation or damage	Daily

The Standard Period of Durability

The durability is affected directly through the surrounding conditions, frequency and the way in use, and the maintenance factors. Therefore, the standard period of durability mentioned here is under the assumption in conformance with proper usage and maintenance. After the period, the product is more likely begin losing the original features and may raise the cause in the product-damage.

Parts Name	Standard Durability Period
Frame	9 years
Stand	3 years
Pads	3 years

KZ5000 Official FIVB Beach Volleyball Anchor System

User's Manual



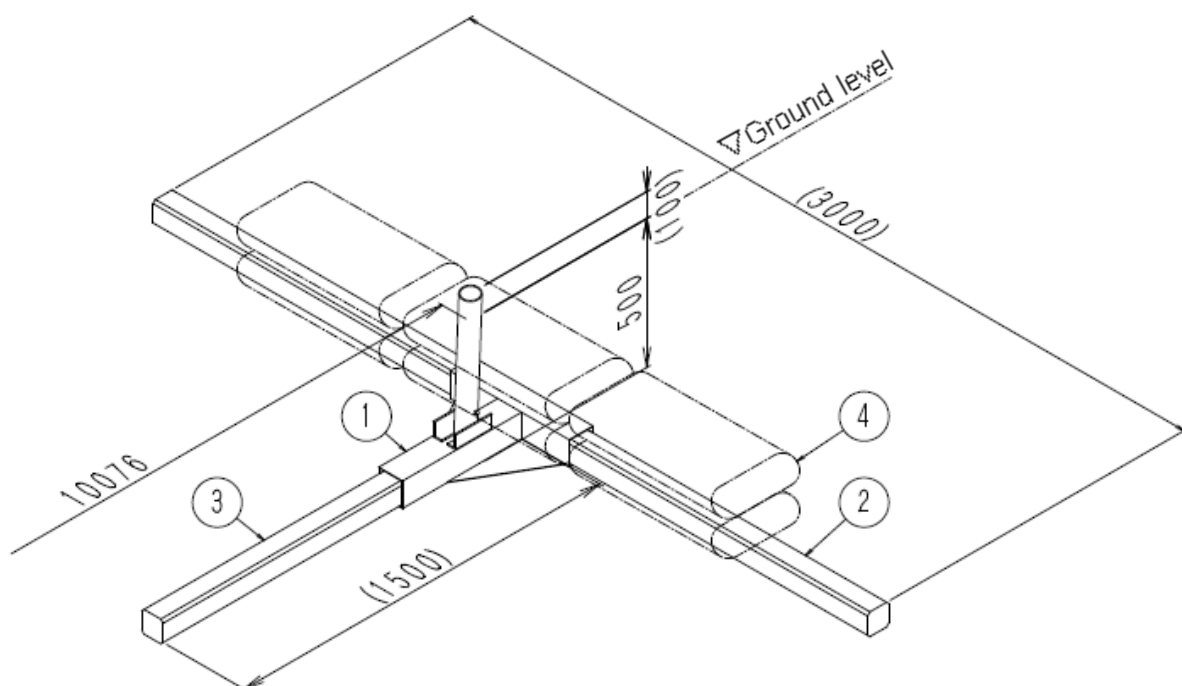
For Safety Use



Caution

- This anchor system is for beach volleyball use only.
- Do NOT scratch the metal surface for the prevention of rust.
- Be sure to wear cloths and shoes on for protection while handling this equipment.
- Installation must be done by more than 4 people.
- Avoid sand coming into the pipe when installing. A mass of sand in the pipe may cause instability of uprights.
- Remove sands, seawater (salt), and sweat after every use.
- Clear not only uprights but also anchor basements. Remained anchor basement in the sand may cause stumbling
- Store the equipment free from humidity and direct sunlight.
- Inspect the apparatus regularly and use safely.

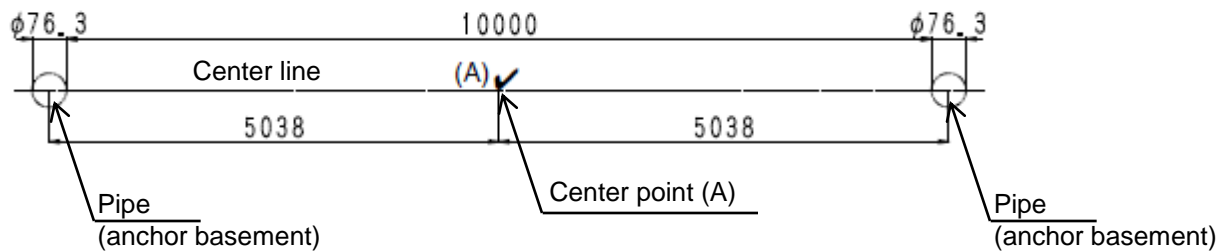
Name of each Part



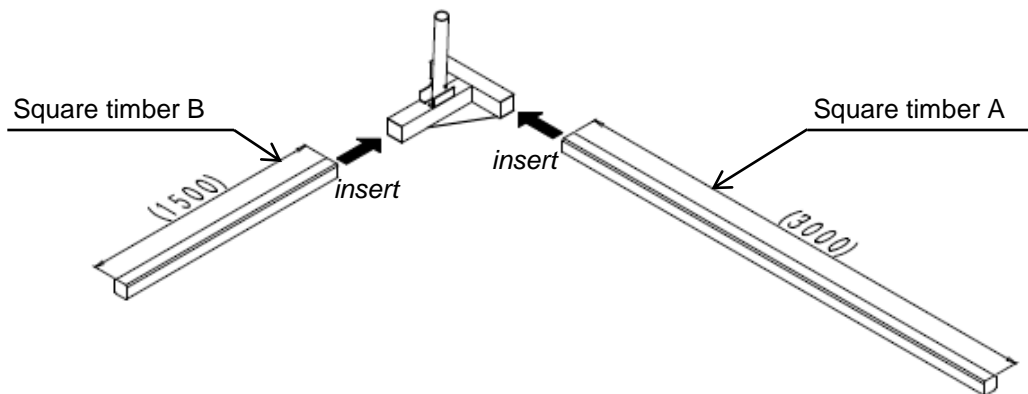
No.	Parts Name	Size and Weight	Qty
①	Anchor Basement	14.5kg	2
②	Square Timber A	90 x 90 x 3000mm, 12kg	2
③	Square Timber B	90 x 90 x 1500mm, 6kg	2
④	Sandbag	0.1kg	12

How to Install

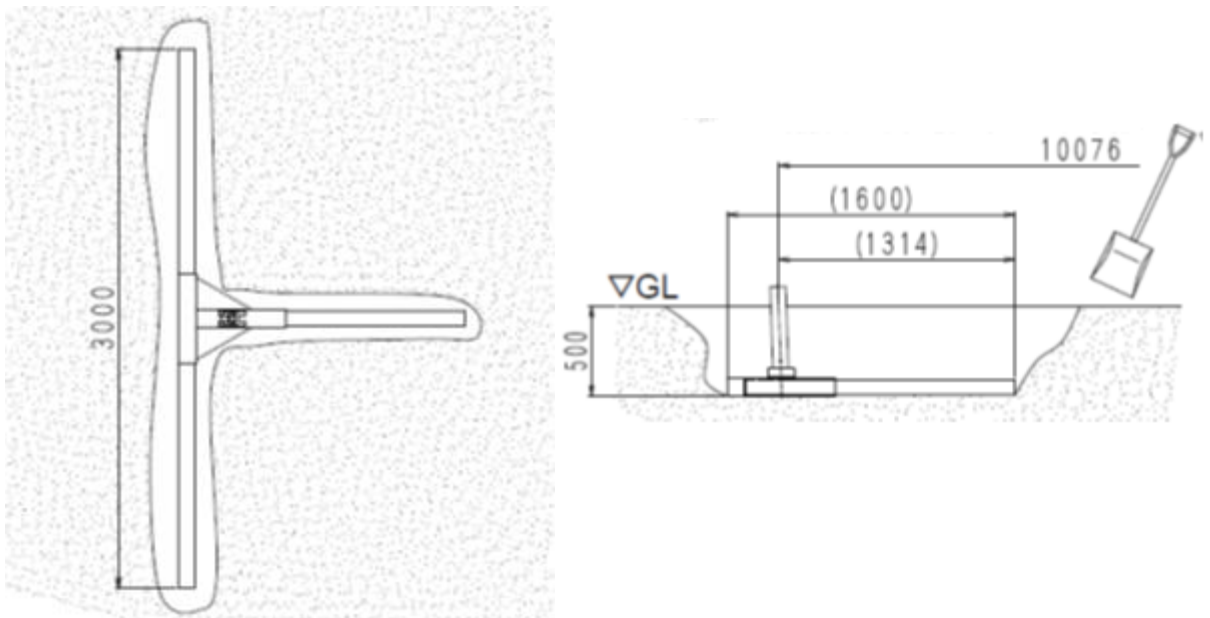
1. Decide a location of center line. Mark the center point (A) and 5038mm points from (A) (anchor basement pipes are placed on these 5038mm points).



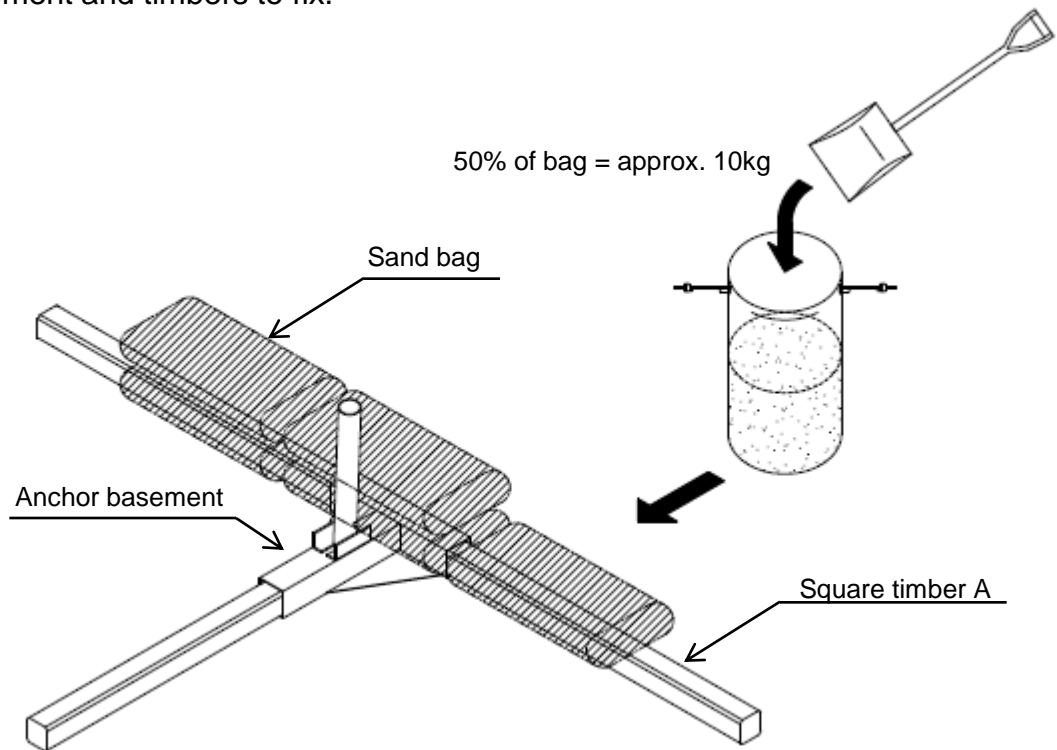
2. Insert Square Timber A and B into the Anchor Basement.



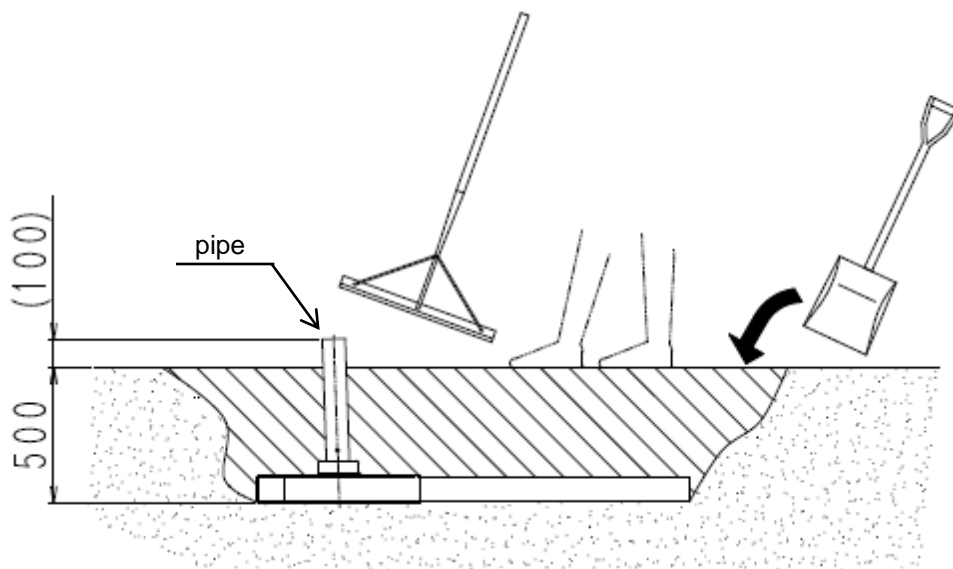
3. Dig a T-shaped hole 500mm in depth and set the anchor basement with square timber A and B.



4. Half fill the sandbags with sand (approx. 10 kg) and place them on the anchor basement and timbers to fix.



5. Bury the hole, tread down, and level the ground at the height of 100mm from the top of the pipe.



Maintenance and Inspection

For your safe use, daily inspection is necessary. Ask experts authorized by supplier for annual maintenance.

Parts	Periodical inspection	Period
Anchor Basement	Any damage, deformation, or rust	Daily
Square Timber A &B	Any bend, crack, or burr	Daily
Sandbag	Any tear or fray	Daily

The Standard Period of Durability

The durability is affected directly through the surrounding conditions, frequency and the way in use, and the maintenance factors. Therefore, the standard period of durability mentioned here is under the assumption in conformance with proper usage and maintenance. After the period, the product is more likely begin losing the original features and may raise the cause in the product-damage.

Parts Name	Standard Durability Period
Anchor Basement	9 years
Square Timber A &B	3 years