

DL0520 FIVB Official Referee Stand

User's Manual



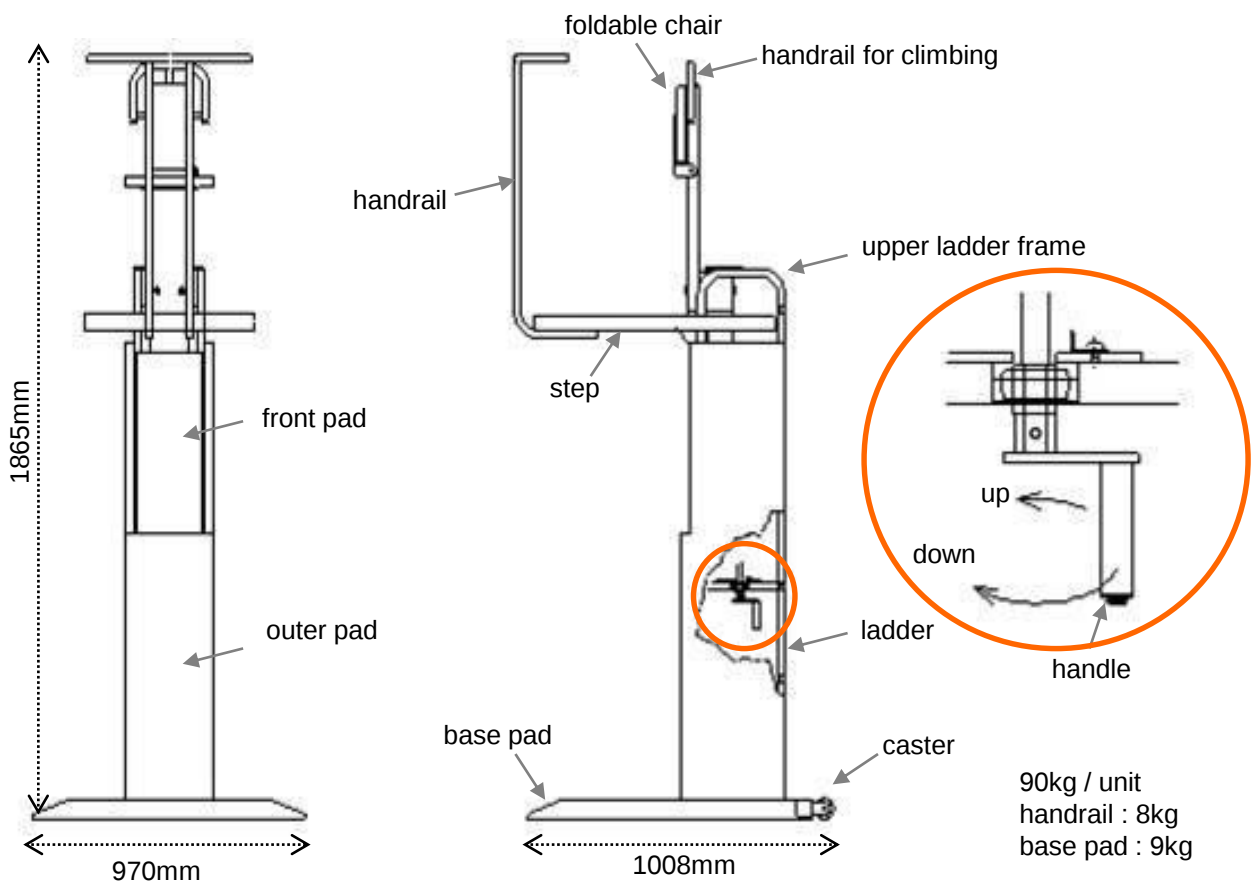
For Safety Use



Caution

- Do NOT lean on handrails.
- Do NOT turn the handle forcibly.
- Hold the frame and step on the ladder carefully while going up and down.
- Do NOT sway the product while going up and down.
- Move the product only on a even floor.
- Be aware NOT to be caught in the base and casters while moving the product.
- Pads for protection must be installed before use.

Name of each Part



Assembling

- * Assemble the referee stand at least two people. Most parts are heavy.
- * Prepare a Phillips screwdriver and two attached hexagonal wrenches.

■ Main Unit

1. Fix a steel ladder on a base frame with 4 sets of M10 spring washer and M10-25 bolt (see *FIG.1*).
2. Fix the rubber covered step to the steel ladder with 4 sets of M10-50 bolt, M10 flat washer, M10 spring washer, and M10 nut (see *FIG.2-1*).
3. Tighten 2 sets of M10-20 bolt, M10 flat washer, and M10 spring washer (see *FIG 2-2*).

FIG.1

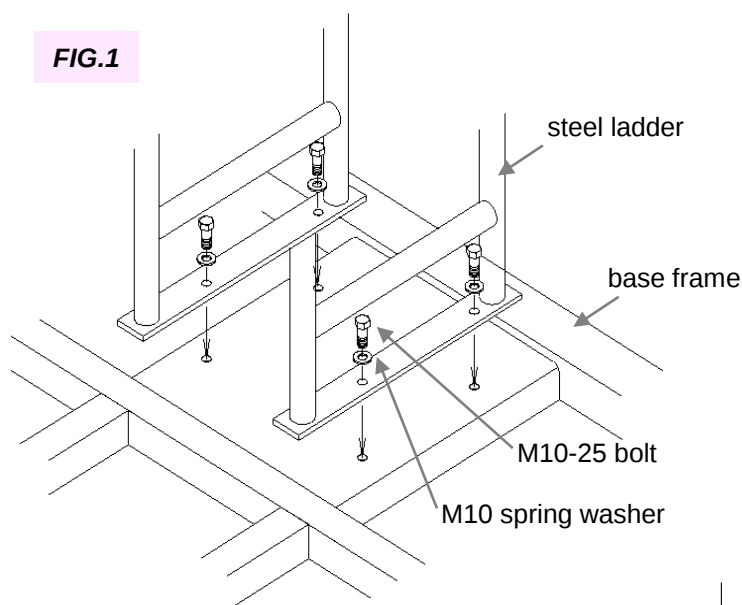


FIG.2-1

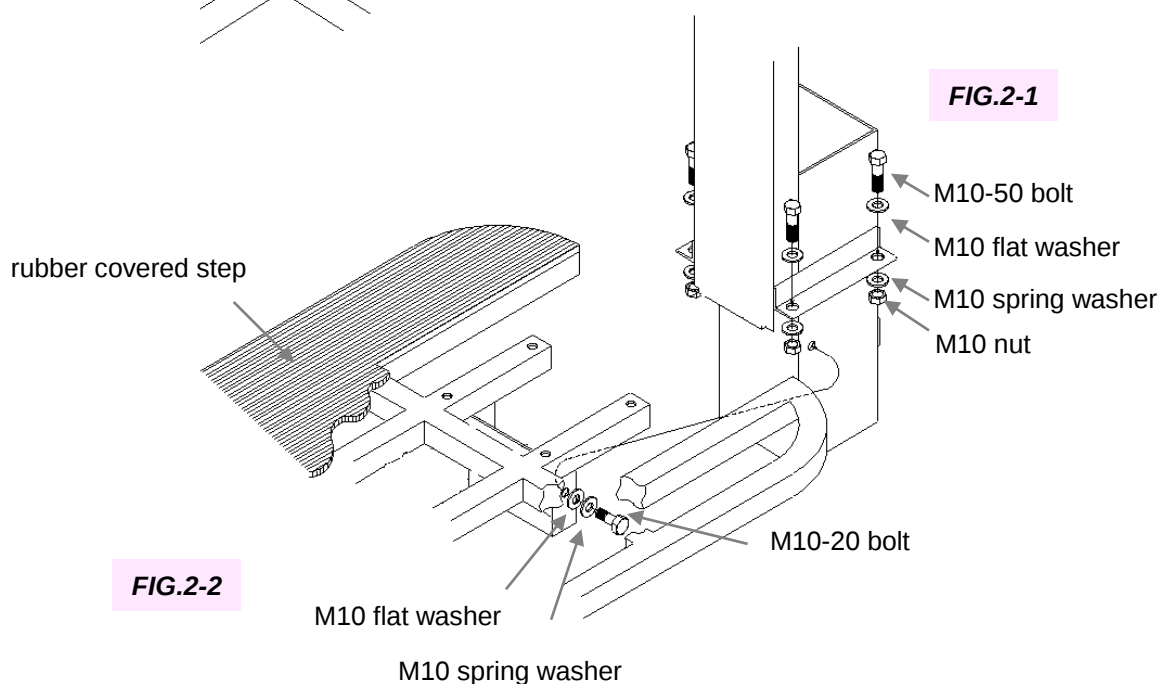
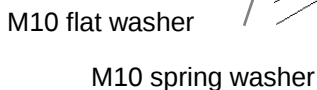


FIG.2-2



■ Protection Pads

1. Fix the front pad to the base frame with 2 sets of M6-25 plus dish screw and W1/4 flat washer (see *FIG.1*).
2. Adjust the rubber covered step to the top position.
3. Fix the outer pad to the outer frame of the steel ladder with 4 sets of M6-40 plus truss screw and W1/4 flat washer.
4. Attach the base pad to the base frame (see *FIG.2*).

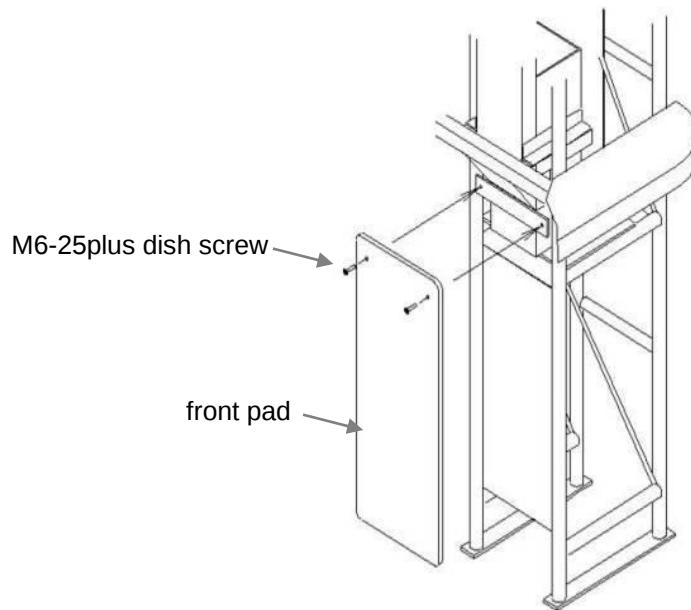


FIG.1

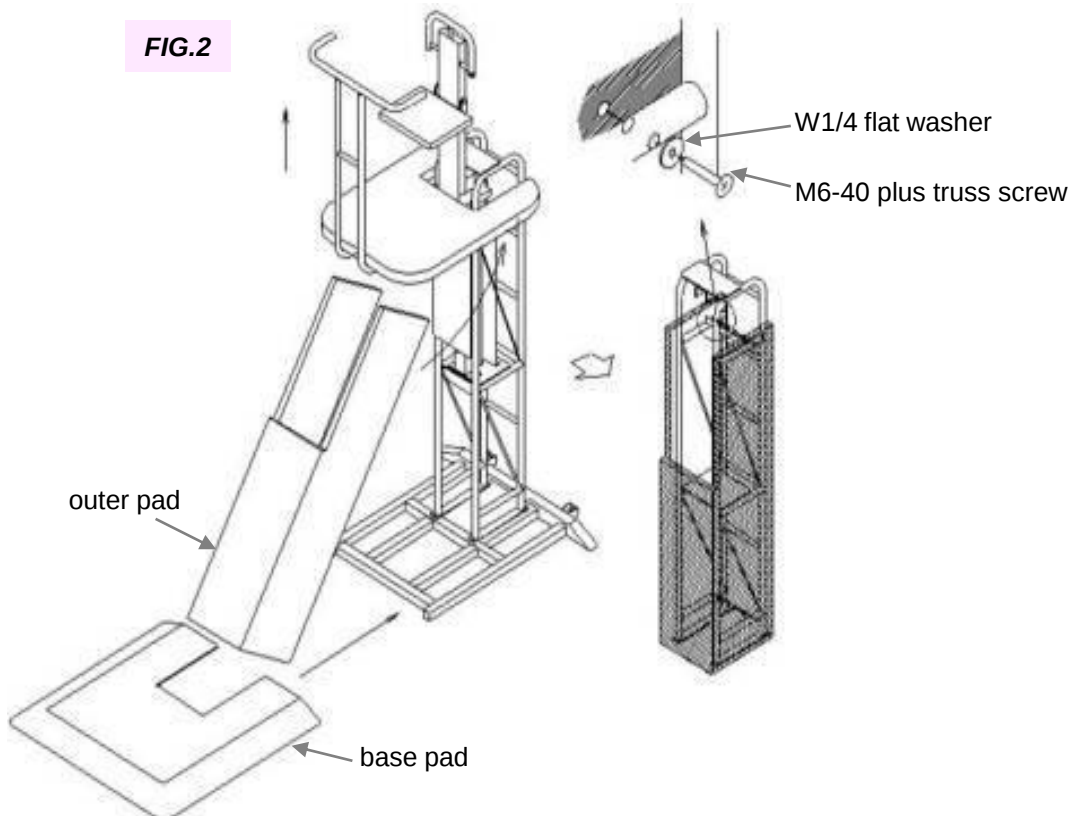
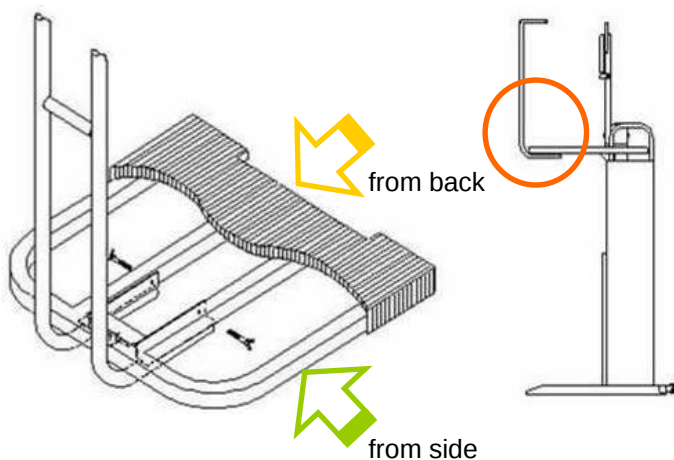
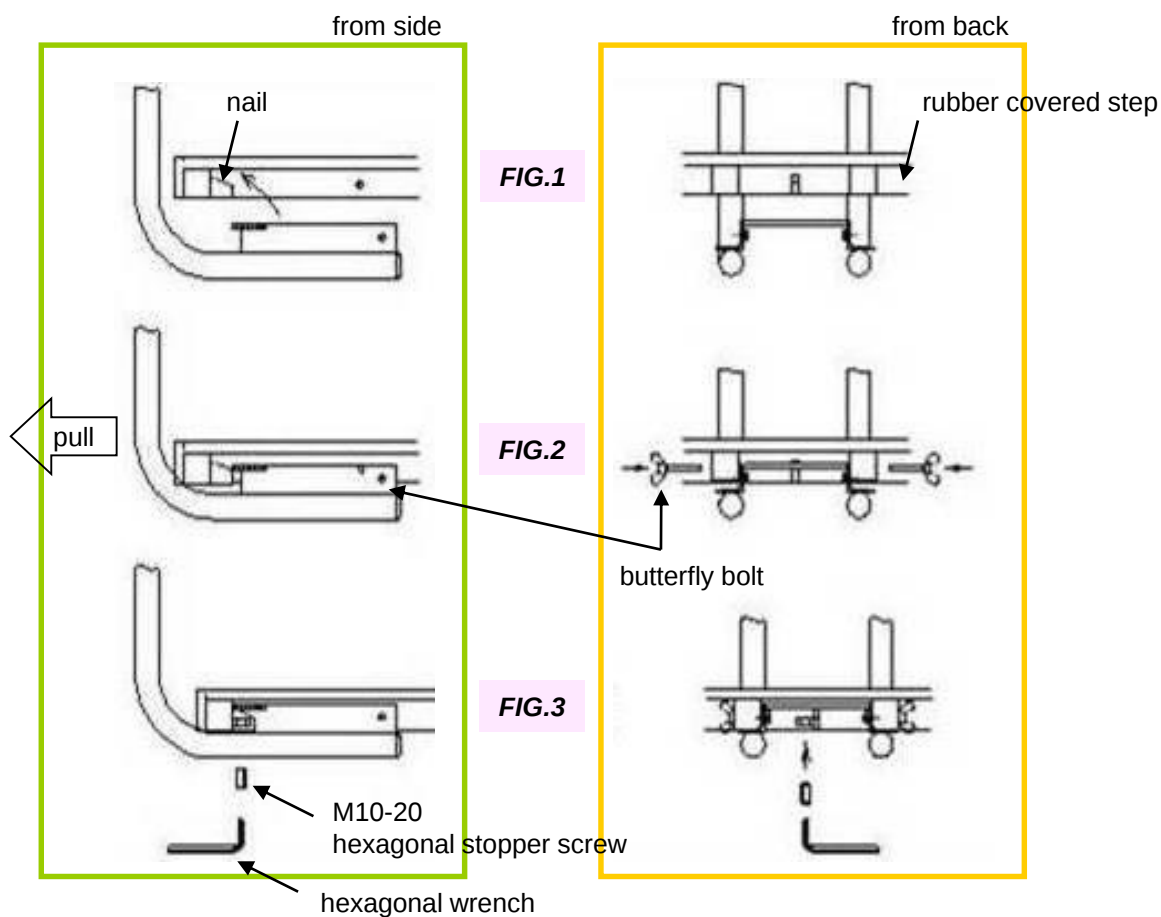


FIG.2

■ Handrail (option)

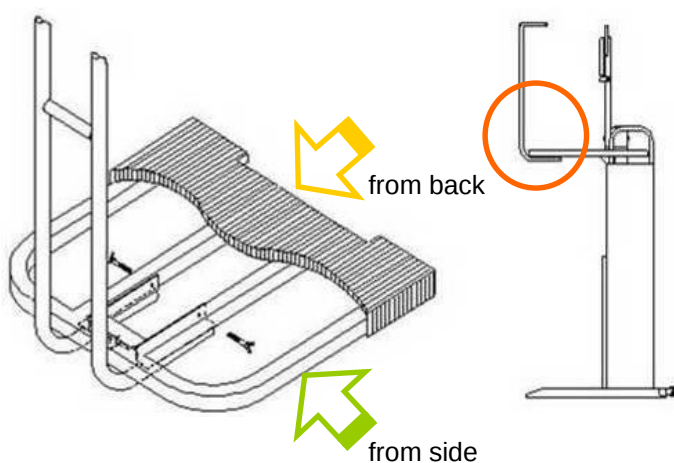
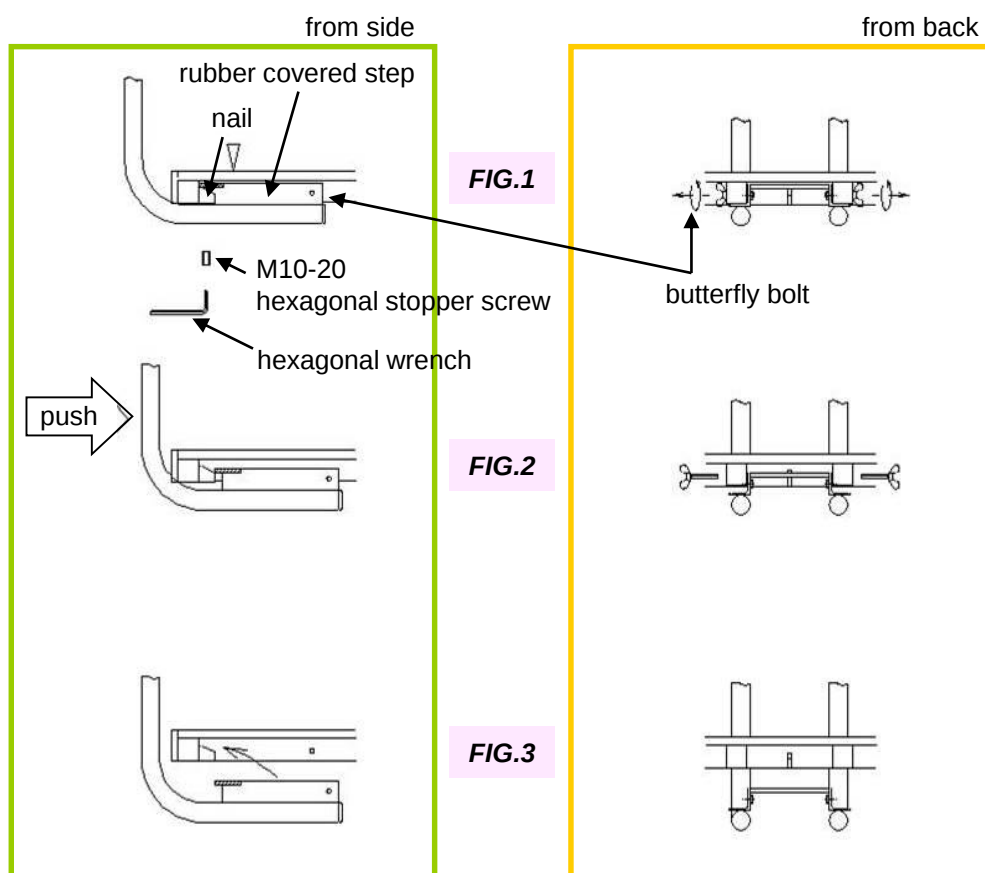
1. Hang the handrail to the nail (see FIG.1).
2. Pull and set the handrail to the nail (see FIG.2).
3. Fix the handrail to the rubber covered step with butterfly bolts and tighten M10-20 hexagonal stopper screw with attached hexagonal wrench (see FIG.3).



Disassembling

■ Handrail (option)

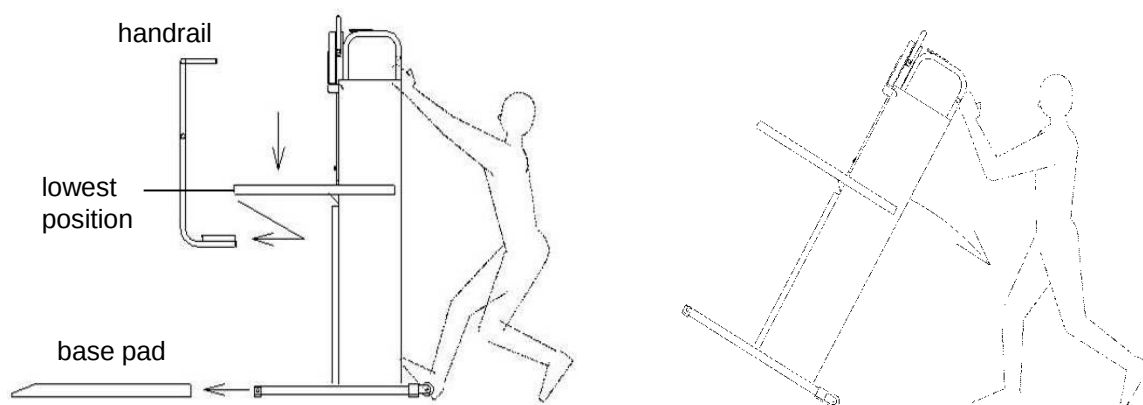
1. Loosen M10-20 hexagonal stopper screw with attached hexagonal wrench and remove the butterfly bolts (see FIG.1).
2. Push the handrail toward the unit to unhook the nail (see FIG.2).
3. Remove the handrail from the unit (see FIG.3).



Setting Up

1. Remove the handrail and base pad for easier moving.
2. Adjust the rubber covered step height the lowest.
3. Hold the upper ladder frame, lean the unit backward, and move to set up area.
4. At the set up area, straighten the unit slowly.
5. Install the base pad back.
6. Turn the handle by hands for adjusting the rubber covered step height.
(counterclockwise for ascent and clockwise for descent)
7. Install the handrail back.

* Be aware NOT to rub the floor with any other parts than casters. The product and floor may get damaged.



Cleaning

1. Wipe the surface of pads with a soft cloth in a neutral detergent.
2. Mop it up with a damp cloth then a dry cloth afterwards.

Maintenance and Inspection

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

■ Daily Inspection

- * Inspect pads for any damage, tear, or deterioration.
- * Check the stability in the chair, steps, and basement area.
- * Stop using if the unit is unsteady and ask an expert for repair.

■ Periodical Inspection

Parts	Periodical inspection	Period
Pads	Any damage, tear, or deterioration	1 months
Joint / Revolving parts	Any looseness in bolts and nuts, damage, or deterioration,	3 months
Main unit / Base	Any tilt / bent, deform, paint peel, or rust	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
Pads, Casters, Revolving parts	3 years
Main unit, Base, Frame	5 years