

# FS-01



## Technical Specifications

- Carrier main bodies of all tools included in the set are made of metal pipe with a diameter of min Ø 139 mm and a wall thickness of min 2.5-3 mm.
- The carrier and moving parts connected to the main body are manufactured from a metal pipe with a diameter of Ø 60-89 mm and a wall thickness of 2.5-3 mm.
- Fixed accessory parts connected to the main body are manufactured from metal pipes with a diameter of Ø 33 and a wall thickness of 2.5-3 mm.
- The main body and all the parts to be fixed to the body are manufactured to form a solid body, excluding the moving parts to be welded to each other by gas metal arc welding method.
- Rolling bearings of the type that will not be affected by weather conditions are used in the moving parts, they are equipped with double bearings in which the bearings are hidden and joint mechanisms.
- The internal mechanisms are manufactured in a closed system that does not allow interference during normal use.
- All joint designs are designed to prevent weld ruptures and one-sided loading
- In order for the pipes welded to the connection hubs to join each other completely, the crushing process is not performed at the pipe mouths.
- While the body and pipes are being connected, a doetail is opened at the radius suitable for the pipes and the pipes are welded on all sides.
- Handle, seat, backrest, assembly cover, arm rotation, armrest and footrest parts of all products are manufactured from ultraviolet resistant polyethylene material as self-colored or specially bent industrial pipes by rotating, blowing and injection plastic method.
- On the other hand, colored pullers are installed that are specially made of rubber / plastic, which are given such tightness that they will not come off by themselves and cannot be removed by the user.
- In addition, the carrier main pipe flange plates of all products are closed with polyethylene anchor covers.
- All sheet materials used in the products are laser cut.
- Polyethylene pipe covers covering the upper part of the main carrier pipes are produced by injection method with hemispherical and reinforcement added to increase the strength in the inner upper part.

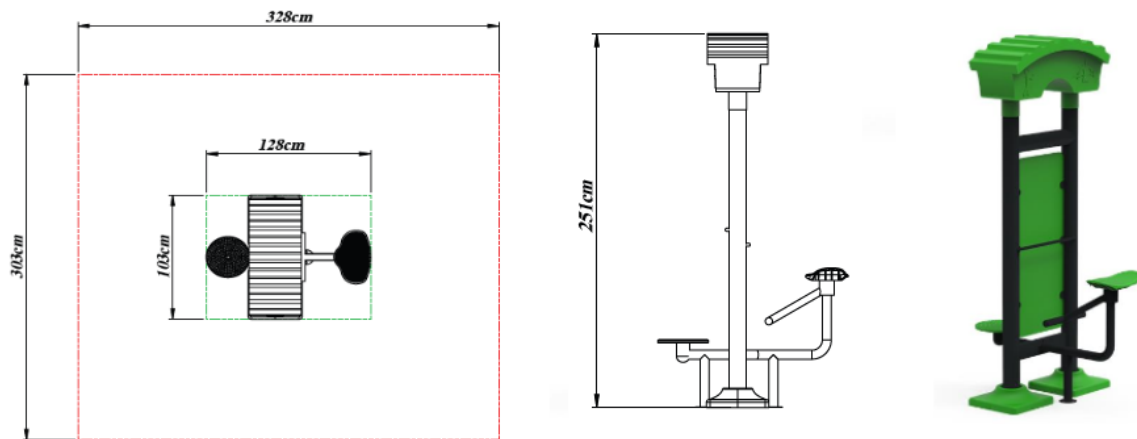
## **Electrostatic Powder Coating**

- After the material is coated with polyester-based powder coating, which prevents the metal from being heated by the sun in the electrostatic system, the painting process is completed by baking in the oven at a temperature of at least 180-200 degrees for 15-20 minutes.

## **Signposted Waist Stretching Device**

- The standing and sitting waist operating device with panel consists of two stations that can be used by one person or two people.
- It is designed for use to exercise and stretch the waist and leg muscles.
- Carrier pipes are manufactured from pipes with a diameter of at least Ø 114 mm and a wall thickness of 2.5-3 mm.
- The Ø114 SDM pipe will be used at 4 points, where the apparatus to be used in connecting the main carriers and mounting the panel will be welded.
- In the printing is made on 2 mm thick dkp sheet material on the panel, which will be mounted on a minimum 4 mm apparatus on the main carrier.
- The moving parts connected to the main body are manufactured with a wall thickness of at least Ø 60 mm and 2.5-3 mm and in one piece with a special twist.
- The main body flashes are manufactured by laser cutting from ST37 sheet with a thickness of 8 mm and a size of 280x280 mm and 4 pieces of flag sheet are welded in order to increase the flange strength.
- Anchor covers measuring Ø114 mm in accordance with the design to fully grasp the carrier pipes are used to close the open-ended pipes in fitness products.
- Anchor covers are produced from polyethylene plastic material by LLDPE (Linear Low Density Polyethylene) injection method.
- It is designed to be resistant to UV lights and not to harm the user.
- It is manufactured as a double wall and its installation is provided with a screwing system.
- The seat is made of self-colored polyethylene material.
- In the movable part of the seated waist movement part, there is an internal support system and a foot platform made of Ø 60 mm 2,5-3 mm thick pipe.

- In the standing waist operating station, the rotating platforms are manufactured from embossed sheet metal with a thickness of 2.5-3 mm Ø 300 mm in a style that will prevent the user's feet from slipping.
- The circular edge of the rotating platform is reinforced with metal material with a thickness of 2.5-3 mm and a width of 16 mm.
- Six 6205 2RS bearings are used in the product.
- Fitness roof is produced from polyethylene plastic material by rotation method.
- The upper part is designed serrated to prevent rain, snow, etc. from puddles of water.
- It is mounted to the main body with protrusions located at the base.
- There are no sharp edges and corners that will harm the user.

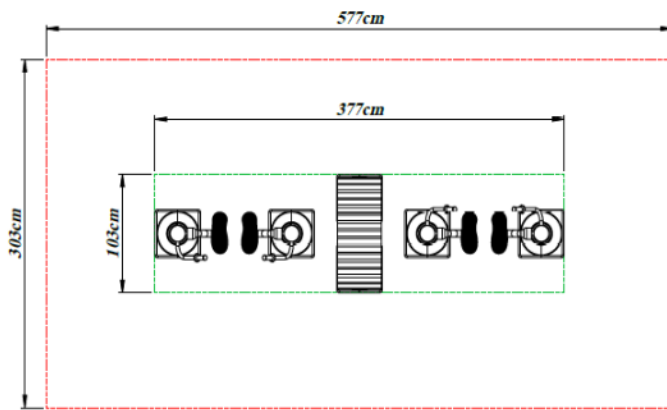
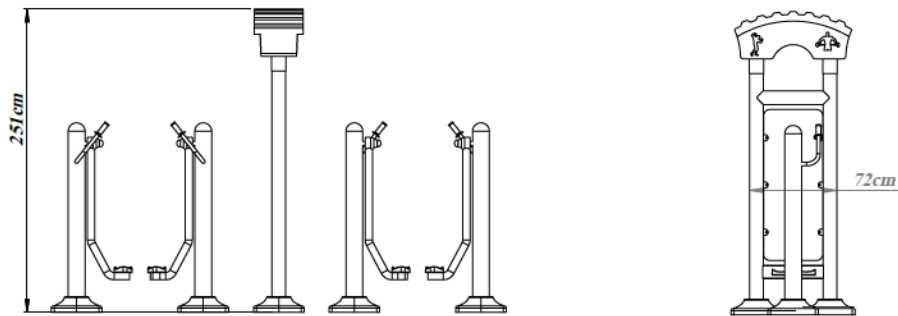


<b>Dimensions</b>	Width	103 cm
	Length	128 cm
	Height	251 cm

## Signposted Aerial Walking Device

- The billboard air walking device with panel consists of two stations that can be used by one person or two people.
- It is designed for use to growth and stretch the leg muscles.
- Carrier pipes are manufactured from pipes with a diameter of at least  $\text{Ø} 114$  mm and a wall thickness of 2.5-3 mm.
- The upper part of the main body is closed with a pipe cover made of polyethylene material by injection method.
- The  $\text{Ø}114$  SDM pipe will be used at 4 points, where the apparatus to be used in connecting the main carriers and mounting the panel will be welded.
- Digital printing is made on 2 mm thick dkp sheet material on the panel, which will be mounted on a minimum 4 mm apparatus on the main carrier.
- The moving parts connected to the main body are manufactured with a wall thickness of at least  $\text{Ø} 60$  mm and 2.5-3 mm and in one piece with a special twist.
- The main body flashes are laser cut from ST37 sheet with a thickness of 8 mm and a size of 280x280 mm and 4 pieces of flag sheet are welded in order to increase the strength of the flange.
- Anchor covers measuring  $\text{Ø}114$  mm in accordance with the design to fully grasp the carrier pipes are used to close the open-ended pipes in fitness products.
- Anchor covers are produced from polyethylene plastic material by LLDPE (Linear Low Density Polyethylene) injection method.
- It is designed to be resistant to UV lights and not to harm the user.
- It is manufactured as a double wall and its installation is provided with a screwing system.
- The moving parts connected to the main body are at least  $\text{Ø} 60$  mm and 2.5-3 mm wall thickness.
- 2 pieces of 6205 2 RS type bearings are used in each movable hub.
- Connection pipes are twisted from  $\text{Ø} 60$  mm pipe in such a way as to give an aesthetic appearance it is manufactured.
- The footrests are made of self-colored plastic material.
- 5 mm thick support sheet is boiled under the footrests.
- The handpieces are manufactured by LLDPE (Linear Low Density Polyethylene) injection method from polyethylene plastic material in such a way that they can be held by hand and fit tightly to the pipe.

- Fitness roof is produced from polyethylene plastic material by rotation method.
- The upper part is designed serrated to prevent rain, snow, etc. from puddles of water.
- It is mounted to the main body with protrusions located at the base.
- There are no sharp edges and corners that will harm the user.

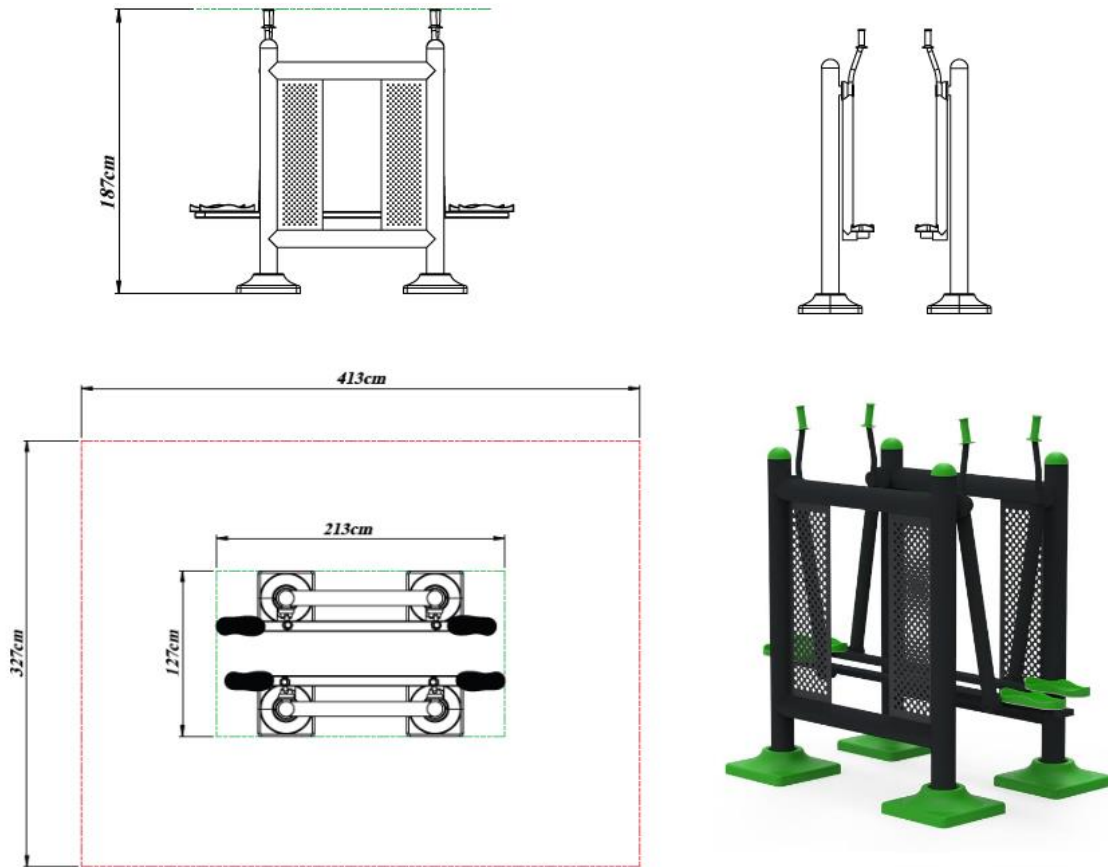


<b>Dimensions</b>	Width	103 cm
	Length	377 cm
	Height	251 cm

## The Signposted Spacewalk

- The signposted air walking device with panel consists of two stations that can be used by one person or two people.
- It is produced in such a way that two people can use each other in a coordinated way.
- It is designed to growth and stretch the leg muscles.
- Carrier pipes are manufactured from pipes with a diameter of at least  $\text{Ø} 114$  mm and a wall thickness of 2.5-3 mm.
- The upper part of the main body is closed with a pipe conbver made of polyethylene material by injection method.
- $\text{Ø}114$  SDM pipe, which will be used to connect the main carriers and weld the apparatus to be used for mounting the panel, will be used at 4 points.
- The moving parts connected to the main body are manufactured with a wall thickness of at least  $\text{Ø} 60$  mm and 2.5-3 mm and in one piece with a special twist.
- The main body flashes are laser cut from ST37 sheet with a thickness of 8 mm and a size of 280x280 mm and 4 pieces of flag sheet are welded in order to increase the flange strength.
- Anchor covers measuring  $\text{Ø}114$  mm in accordance with the design to fully grasp the carrier pipes are used to close the open-ended pipes in fitness products.
- Anchor covers are produced from polyethylene plastic material by LLDPE (Linear Low Density Polyethylene) injection method.
- It is designed to be resistant to UV lights and not to harm the user.
- It is manufactured as a double wall and its installation is provided with a screwing system.
- The panel board, which will be mounted on the ears located on the main carrier, creates holes in the dkp sheet material, but an aesthetic image has been obtained.
- The moving parts connected to the main body are at least  $\text{Ø} 60$  mm and 2.5-3 mm wall thickness.
- 2 pieces of 6205 2 RS type bearings are used in each movable hub.
- Connection pipes are manufactured from  $\text{Ø} 60$  mm pipes twisted to give an aesthetic appearance.
- The footrests are made of self-colored plastic material.
- 5 mm thick support sheet is boiled under the footrests.

- The handpieces are manufactured by LLDPE (Linear Low Density Polyethylene) injection method from polyethylene plastic material in such a way that they can be held by hand and fit tightly to the pipe.



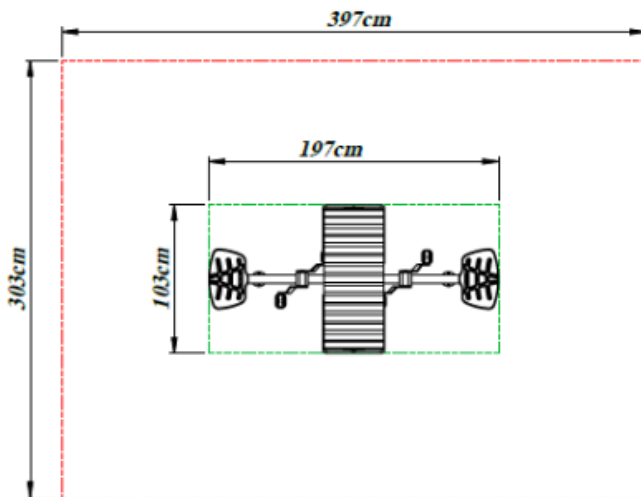
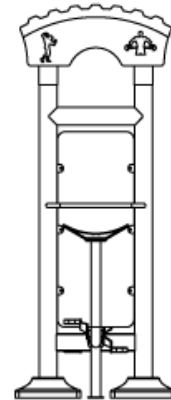
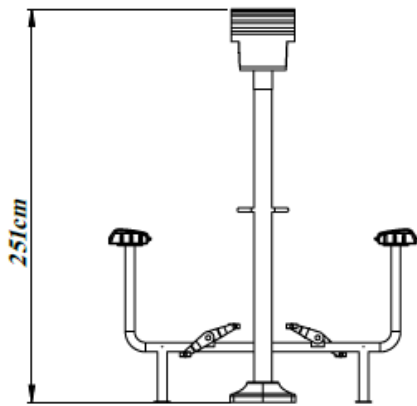
<b>Dimensions</b>	Width	127 cm
	Length	213 cm
	Height	187 cm



## Dual Bike with Signage

- The double bicycle with signage consists of two stations that can be used by one person or two people.
- It is designed for use to grow and stretch the leg muscles
- Carrier pipes are manufactured from pipes with a diameter of at least  $\text{Ø} 114$  mm and a wall thickness of 2.5-3 mm.
- The  $\text{Ø}114$  SDM pipe will be used at 4 points, where the apparatus to be used in connecting the main carriers and mounting the panel will be welded.
- Digital printing is made on 2 mm thick dkp sheet material on the panel, which will be mounted on a minimum 4 mm apparatus on the main carrier.
- The moving parts connected to the main body are manufactured with a wall thickness of at least  $\text{Ø} 60$  mm and 2.5-3 mm and in one piece with a special twist.
- The main body flashes are manufactured by laser cutting from ST37 sheet with a thickness of 8 mm and a size of 280x280 mm and 4 pieces of flag sheet are welded in order to increase the flange strength.
- Anchor closure, which measures  $\text{Ø}114$  mm in accordance with the design in such a way as to fully grasp the carrier pipes.
- Anchor covers are produced from polyethylene plastic material by LLDPE (Linear Low Density Polyethylene) injection method.
- It is designed to be resistant to UV lights and not to harm the user.
- It is manufactured as a double wall and its installation is provided with a screwing system.
- Handle pipes are designed with  $\text{Ø} 32$  mm specially bent pipes.
- The seats are mounted on  $\text{Ø} 60$  mm pipes.
- It is produced in a way that allows it to be used in seating areas.
- The seat is manufactured from polyethylene plastic material by LLDPE (Linear Low Density Polyethylene) injection method.
- The movable assembly of the bicycle pedal is fixed with a tapered clamping bearing.
- Bicycle pedals are manufactured with two pieces of injection polyethylene material and the movable part with bearings.
- Fitness roof is produced from polyethylene plastic material by rotation method.
- The upper part is designed serrated to prevent rain, snow, etc. from puddles of water.
- It is mounted to the main body with protrusions located at the base.

- There are no sharp edges and corners that will harm the user.

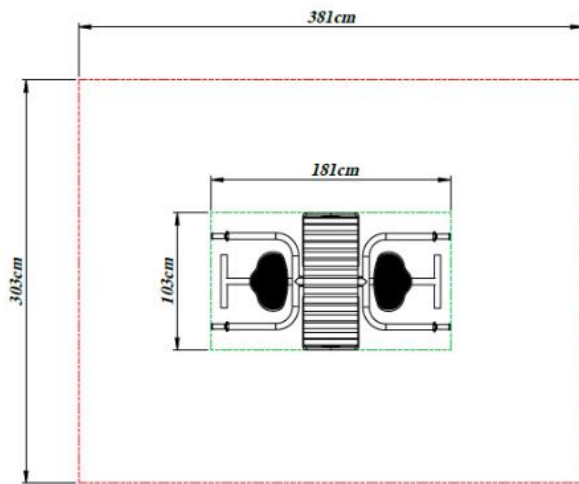
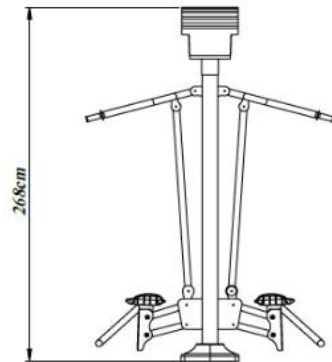


<b>Dimensions</b>	Width	103 cm
	Length	197 cm
	Height	251 cm

## Body Building Tool With Nameplate

- The Bilbord bodybuilding tool consists of two stations that can be used by one or two people.
- It is designed for use to growth and stretch the leg muscles.
- Carrier pipes are manufactured from pipes with a diameter of at least Ø 114 mm and a wall thickness of 2.5-3 mm.
- Ø114 SDM pipes will be used at 4 points where the apparatus to be used in the connection of the main carriers and the assembly of the panel will be welded.
- Digital printing is made on 2 mm thick dkp sheet material on the panel, which will be mounted on a minimum 4 mm apparatus on the main carrier.
- The moving parts connected to the main body are manufactured with a wall thickness of at least Ø 60 mm and 2.5-3 mm and in one piece with a special twist.
- The main body flashes are manufactured by laser cutting from ST37 sheet with a thickness of 8 mm and a size of 280x280 mm and 4 pieces of flag sheet are welded in order to increase the flange strength.
- Anchor covers measuring Ø114 mm in accordance with the design to fully grasp the carrier pipes are used to close the open-ended pipes in fitness products.
- Anchor covers are produced from polyethylene plastic material by LLDPE (Linear Low Density Polyethylene) injection method.
- It is designed to be resistant to UV lights and not to harm the user.
- It is manufactured as a double wall and its installation is provided with a screwing system.
- The pipes that provide adhesion are designed with special twisted pipes of Ø 32 mm.
- The seats are mounted on Ø 60 mm pipes.
- It is produced in a way that allows it to be used in seating areas.
- The seat is manufactured from polyethylene plastic material by LLDPE (Linear Low Density Polyethylene) injection method.
- The foot and hand holding places are made of special twisted pipes of Ø 60.
- The handpieces are manufactured by LLDPE (Linear Low Density Polyethylene) injection method from polyethylene plastic material in such a way that they can be held by hand and fit tightly to the pipe.
- Fitness roof is produced from polyethylene plastic material by rotation method.
- The upper part is designed serrated to prevent rain, snow, etc. from puddles of water.

- It is mounted to the main body with protrusions located at the base.
- There are no sharp edges and corners that will harm the user.

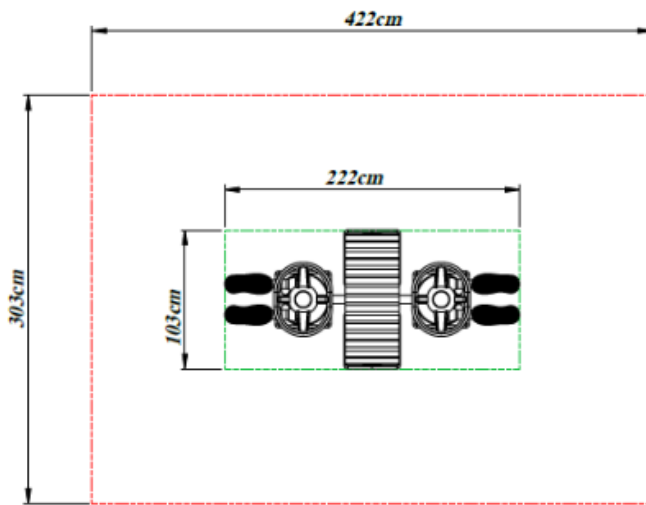
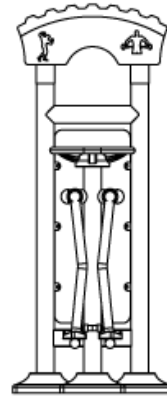
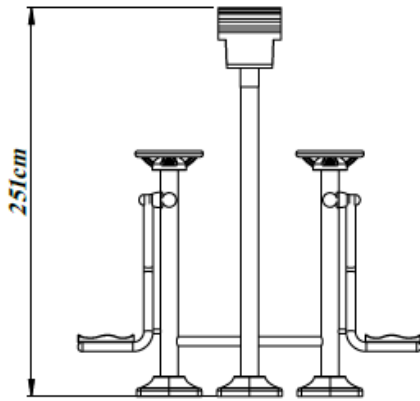


<b>Dimensions</b>	Width	103 cm
	Length	181 cm
	Height	268 cm

## Signposted Leg Opening Tool

- The double leg opening device with panel consists of two stations that can be used by one person or two people.
- It is designed to be used to growth and stretch the leg muscles.
- Carrier pipes are manufactured from pipes with a diameter of at least Ø 114 mm and a wall thickness of 2.5-3 mm.
- Ø114 SDM pipes will be used at 4 points where the apparatus to be used in the connection of the main carriers and the assembly of the panel will be welded.
- Digital printing is made on 2 mm thick dkp sheet material on the panel, which will be mounted on a minimum 4 mm apparatus on the main carrier.
- The moving parts connected to the main body are manufactured with a wall thickness of at least Ø 60 mm and 2.5-3 mm and in one piece with a special twist.
- The main body flashes are manufactured by laser cutting from ST37 sheet with a thickness of 8 mm and a size of 280x280 mm and 4 pieces of flag sheet are welded in order to increase the flange strength.
- Anchor covers measuring Ø114 mm in accordance with the design to fully grasp the carrier pipes are used to close the open-ended pipes in fitness products.
- Anchor covers are produced from polyethylene plastic material by LLDPE (Linear Low Density Polyethylene) injection method.
- It is produced in accordance with indoor and outdoor use.
- It is designed to be resistant to UV lights and not to harm the user.
- It is manufactured as a double wall and its installation is provided with a screwing system.
- Fitness carrier pipes are manufactured from pipes with a wall thickness of at least Ø 139 mm and 2.5-3 mm.
- Anchor covers measuring ø139 mm are used for the purpose of closing open-ended pipes in children's playgroup, fitness products.
- The pivoting shaft connected to the main body is fixed as a single piece by pulling the welding all around, and 4 6006 2rs bearings are used for the moving parts.
- The moving parts connected to the main body are at least Ø 60 mm and 2.5-3 mm wall thickness.
- 2 Pieces of 6006 2RS Ball bearings are used in the movable joint hubs.
- Movable parts are manufactured by twisting the Ø 60 mm 3 mm thick pipe accordingly.

- A circularly bent handle made of Ø 33 mm 2.5-3 mm thick pipe is mounted on the main body so that the user can receive support with his hands while working.
- There are 4 foot pressing pedals produced by injection printing method from fiber-blended polyethylene material in the foot pressing section.
- The patterned edges are raised to prevent the foot from slipping, and the footrest is fixed to a 5 mm thick sheet metal.
- The main body flashes are manufactured by laser cutting from ST37 sheet with a thickness of 8 mm and a size of 280x280 mm and are reinforced with flag sheets with a thickness of 5 mm in order to increase their strength.
- Fitness roof is produced from polyethylene plastic material by rotation method.
- The upper part is designed serrated to prevent rain, snow, etc. from puddles of water.
- It is mounted to the main body with protrusions located at the base.
- There are no sharp edges and corners that will harm the user.



<b>Dimensions</b>	Width	103 cm
	Length	122 cm
	Height	251 cm

## Spare Parts

### Polyethylene Handle

- It is manufactured to cover the main pipe from the top and enable the user to hold it by hand.
- Polyethylene handles are produced from polyethylene plastic material with LLDPE (Linear Low Density Polyethylene) inflation method.



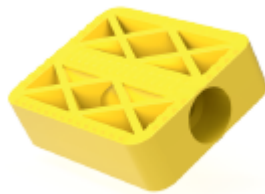
### Fitness Foot Disk

- It is produced in footsteps and in appropriate strength.
- Foot pedal is produced from polyethylene plastic material mixed with glass fiber by LLDPE (Linear Low Density Polyethylene) injection method.
- There are sets on it to prevent the feet from slipping.



### Bicycle Pedal

- Fitness pedal is produced from polyethylene plastic material with LLDPE (Linear Low Density Polyethylene) injection method.





## **Fitness Seat**

- The seat is produced from polyethylene plastic material mixed with glass fiber by LLDPE (Linear Low Density Polyethylene) injection method.
- Fitness seat; It is produced to prevent sliding backwards, to the right and to the left.



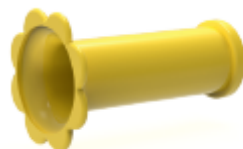
## **Fitness Backrest and Seat**

- The seat is manufactured from polyethylene plastic material by LLDPE (Linear Low Density Polyethylene) injection method.
- It is produced to be used on seats and backrests.



## **Fitness Handle**

- Handpieces are manufactured from polyethylene plastic material LLDPE (Linear Low Density Polyethylene) injection method so that it can be held by hand and fits tightly to 33 mm pipe.



## **Fitness Hand Disk**

- The arm turning disc is designed and produced in a way that allows it to be used in the arm turning parts of the sports equipment and is robust.
- The seat and backrest are produced from polyethylene plastic material mixed with glass fiber by LLDPE (Linear Low Density Polyethylene) injection method.
- It has a spinning top that will make it easier to hold on its front surface and circular reliefs on the entire surface.
- Connection plate slot's back surface 4 pieces of m8 nuts are placed inside.



## **Fitness Anchorage Cover**

- Anchorage caps measuring  $\varnothing$  139 mm are used to cover open-ended pipes in children's playgrounds, and fitness equipments.
- Anchor caps are produced from polythene plastic material for indoor and outdoor use.
- It is resistant to UV lights and is designed not to harm the user.
- It is manufactured as double-walled and assembled with a screwing system.
- Anchor caps are produced from polyethylene plastic material mixed with glass fiber by LLDPE (Linear Low Density Polyethylene) inflation method.



## Fitness Right and Left Stand

- In the foot press section, there are 2 foot pedals produced from fiber mixed polyethylene material by injection printing method.
- The foot will be patterned to prevent it from slipping, the footrest is fixed to the 5 mm thick sheet metal.



## Bolts, Nuts and Washers

- The fasteners (bolts, washers, and nuts) used in-game systems are produced as Geomet B321 Plus or galvanized coating to protect them against corrosion.
- There are no nut and bolt protrusions anywhere in the playset.
- Except for the camber head nut within the playgroup, all nuts are produced with fiber.

