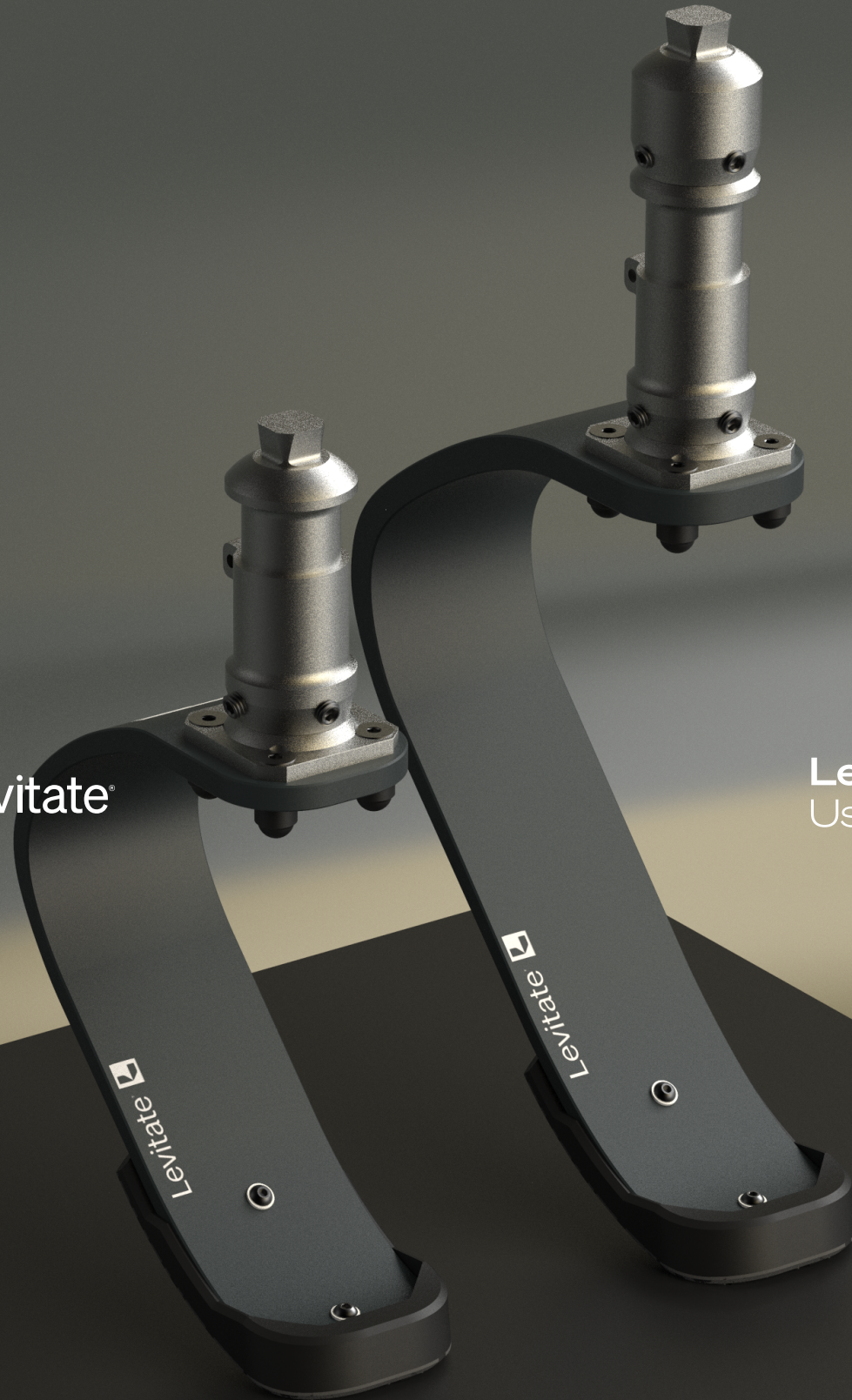


Freedom to Play



 Levitate®

Levitate Blade
User manual

letslevitate.com

This is a written instructions for use
For video instructions please go to our website
www.letslevitate.com



	Sports and Fitness Blade Kit Instructions for use <i>Read before use</i>	KIT-1 574500024037
Information <ul style="list-style-type: none"> • Please read this document carefully before using the product • Please follow the instructions to avoid injuries or accidents. • Please follow the mounting and configuration instructions carefully • Keep this information safe 		

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1. Components included

In the following section you will find a **table 1** of all the components needed to get started to assemble your Sport and Fitness Blade safely. Please read carefully to make sure that you have received everything and do not hesitate to contact the manufacturer immediately if something should be missing. Full list of all components can be found in **appendix**.

Table 1: Components

#	Description	Included / sold separately
1	Levitare Sports and Fitness Blade	Included
2	Replaceable outdoor sole	Included
3	Height adjustable adapters	Included
4	Bolts and nuts	Included
5	Tools for mounting	Included
6	Replaceable indoor sole	Sold separately
7	Torque wrench	Sold separately

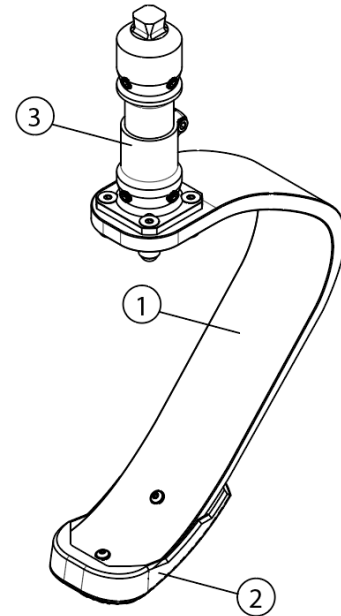


Figure 1. Levitate Sports and Fitness Blade

2. Description

1. Levitate Sports and Fitness Blade stores and returns energy for optimal running
2. Kit includes all screws and tools to mount on your existing socket.
3. Kit includes height adjustable pyramid adapters that makes it suitable for people with different socket clearances.
4. Kit includes replaceable sole, with Vibram outsole for optimal friction

3. Properties

Blade selection table according to body weight and activity level.

Table 2: Blade Stiffness Categories

Body weight		Activity level	
lbs	kg	Beginner	Advanced
0-88	0-40	Category 1	Category 2
88-132	40-60	Category 2	Category 3
133-176	60-80	Category 3	Category 4

177-220	80-100	Category 4	Category 5
221-264	100-120	Category 5	-

Levitate Sports and Fitness Blade 1					
Model	Category 0	Category 1	Category 2	Category 3	Category 4
Weight (g)	285	300	340	380	N/A
Height (cm/In)	19 / 7.5				

Levitate Sports and Fitness Blade 2					
Model	Category 1	Category 2	Category 3	Category 4	Category 5
Weight (g)	415	470	515	550	615
Height (cm/In)	25 / 9.6				

Levitate Sports and Fitness Blade 3					
Model	Category 1	Category 2	Category 3	Category 4	Category 5
Weight (g)	N/A	835	950	1050	N/A
Height (cm/In)	35 / 14				

4. Intended users

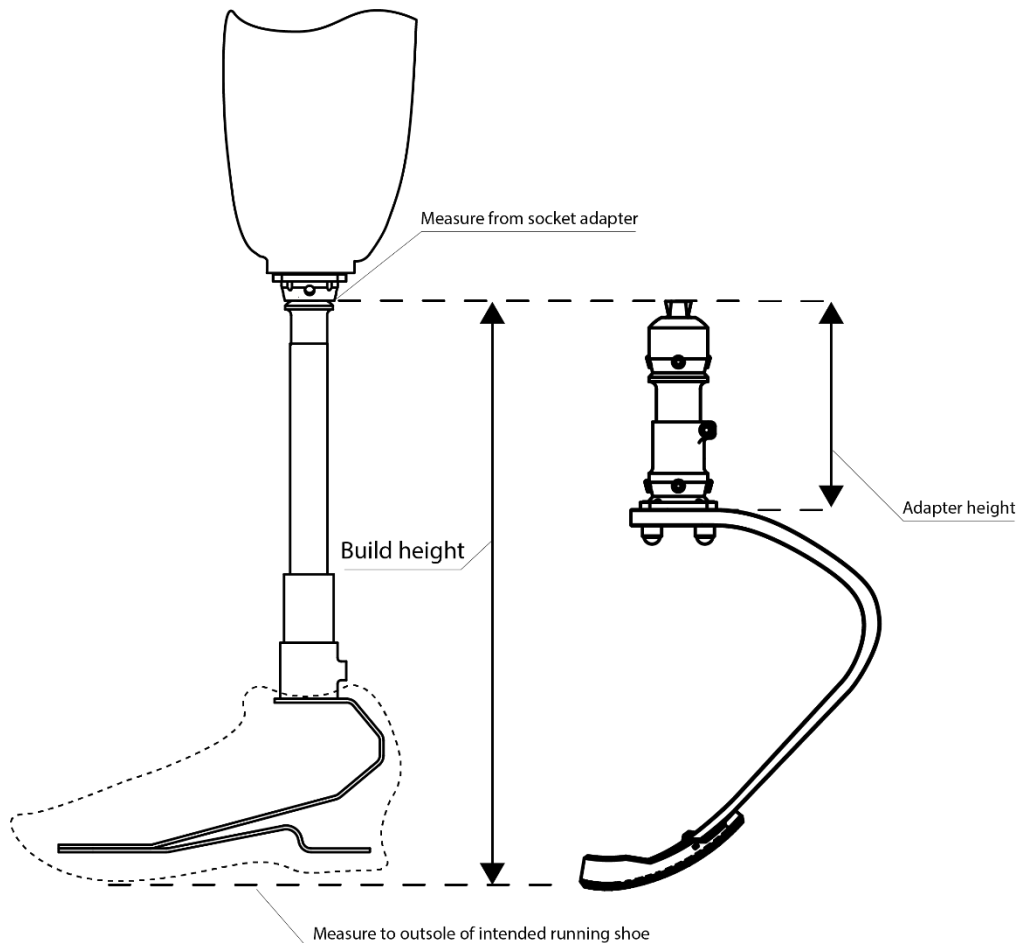
This device is intended exclusively for people who are living with lower limb amputations. To define the intended purpose of the Levitate Sports and Fitness Blade the stiffness categories has been given as shown in **table 2**. The purpose of the categorization is to facilitate the end user with the correct model; this is to ensure the product does not experience stresses higher than the tested requirements and to ensure the highest possible level of safety for the use of the Sports and Fitness Blade.

5. Benefits

This device will facilitate a person living with an amputation to exercise, as the c-shaped blade absorbs and returns energy to the user with the purpose of simulating the running movement of an ankle joint.

6. Mounting and configuration

To mount and configure your new Sports and Fitness Blade please follow the steps as described in this section. Scan the QR code or go to the following link bit.ly/3EzIWJd to see the installation video. If in doubt of anything in regards of the installation, please do not hesitate to contact the manufacturer of this product.



Step 1 - Find the build height

To assemble the product correct and to make sure to use it correct and thereby minimize the risk of injuries and accidents the first step is to find the build height. The build height is the total clearance beneath the socket while wearing a running shoe. Please follow the steps listed below.

1. Put on shoes intended for running on your everyday prosthetic
2. Remove prosthetic socket from your affected leg take note of current settings. (eg. Take a photo)
3. Measure the clearance between socket adapter and outsole of running shoe
4. Add 0-30mm to that clearance and this is the build height of the product*

*The preferred build height is dependent on personal preferences, and we suggest you start with 0 mm and work up from that.

Step 2 - Choosing the right adapters

Now that you have found the height to build your Sports and Fitness Blade it is time to choose the right adapters and to assemble the blade. Please look in the appendix to see different height options of adapters. Please follow these steps carefully to build your blade and do not hesitate to contact the manufacturer if in doubt of anything.

1. Start by finding the right adapter for your socket. If you have a female adapter on your socket the suitable adapter for the top of your sports blade solution should be a Male Pyramid Adapter. If you on the other hand have a male adapter on your socket, the top of your Levitate Sports and Fitness Blade should consist of a Female Pyramid Adapter.
2. Subtract the blade height of your product (see table 3) with the build height found in the previous section
3. The remaining value is the height that is needed to be assembled with the height adjustable adapters
4. Look at the table of adapters found in **appendix** to find the right combination for you.

Table 3: Blade Heights

Blade Model	Blade height	
	Cm	In
Levitate Blade 1	19	7.5
Levitate Blade 2	25	9.6
Levitate Blade 3	35	14

Step 3 – Assembling the blade and base alignment

After choosing the right adapters you are now ready to finalize the assembly of the product. Follow these steps thoroughly.

1. Assemble the adapters as decided in the previous step.
2. Insert set screws in adapters and tighten them loosely
3. Attach the female/male base adapter to the blade by inserting the countersunk screws through adapter and blade and then fasten with the included nuts.
4. Insert extra adapters to achieve your individual height - if needed.
5. Make sure the adapters are aligned straight in both horizontal and vertical planes as shown in Figure 2.
6. Remember to tighten all the screws with 5 Nm
7. Finally attach the included bolt caps to the nuts.

7. Alignment

Now that you have assembled your Levitate Sports and Fitness Blade it is time to put it on and to tune it to preferred settings. Read the following steps to get some tips and tricks of how to get the proper alignment. **Always** remember to

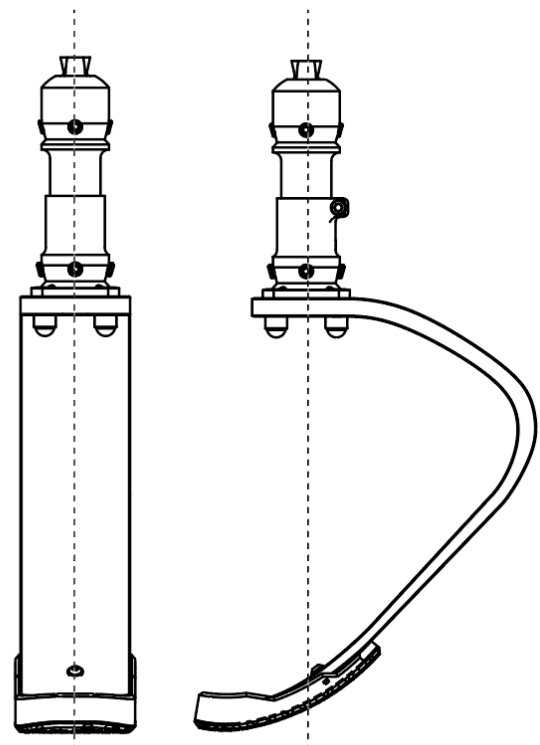


Figure 2

tighten the screws with the advised torque as mentioned in the previous step 3.6.

1. Jumping from on leg to the other leg the sole of the blade should land flat on the ground surface.
2. Jumping up and down on both legs, the blade must drive you upwards not forward or backwards.
3. Your knee on your affected leg should always feel free moving and in control.
4. While running you should not feel sinking, if you do the blade might be too soft or the blade is built with not enough height. In this case try to add some extra height by adding more spacers or adapters.
5. If you feel tilting inward while running the blade is too far inward and should be aligned according to this.
6. If you feel tilting outward while running the blade is too far outward and should be aligned according to this.

It is important to tighten all screws after adjusting with the 5 Nm torque for optimal safety.

8 Product safety

Please read the following instructions carefully to fully understand how to use this product with caution. If in doubt about the usage of the product, please contact the manufacturer.

8.1 Detecting malfunctions

⚠ If you detect any abnormal behavior or feel any changes of the product's properties, please stop using the product immediately and contact the manufacturer. (e.g., noises or visual cracks in the surface of the product)

8.2 Warnings

⚠ This product is not intended for activities that applies an excessive overload to the product, such as jumping from significant heights or using it beyond its service life.

⚠ The product is not suitable as a replacement for your everyday prosthetic

⚠ Do not fasten the bolts more or less than as advised.

⚠ Check the running blade regular after use for visual flaws and to make sure all bolts and nuts are fastened correctly.

⚠ Do not modify the product (Trimming, drilling, sanding, etc.)

⚠ Do not expose the blade to fire or other heat source

⚠ Never use the product without the provided sole

⚠ Do not sell this product as second-hand.

9. Cleaning and Maintenance

To make sure that your product will last as possible, please read, and perform the following steps to take good care of your product.

Cleaning

Only use water and a cloth to clean the product. Make sure to dry the product with at dry cloth afterwards and finally make sure to air dry the product before using it again.

Maintenance

- Check the components after each use
- In case of any clicking noises please tighten all the screws on the device, in case of continuously clicking noises, please contact the manufacturer
- In case of loss of grip of the sole, please stop using the product and replace the sole
- In case of any damage or loss of function, please contact the manufacturer
- In case of loss of functionality, do not try to modify the product or components other than specified in the installation and alignment manual

10. Storage

Temperature range -10°C to +60°C

Humidity range 0% to 90%

11. Disposal

The product should be disposed of in accordance with the country where it is being disposed. Please contact the local responsible authorities to make sure to dispose of the product in an environmentally friendly manner.

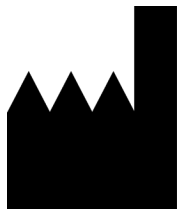
12. Service life

If the product has been used and taken care of as described in these instructions the service life of the product should be at least 1 year.

13. Regulatory information

This product is a medical device and is CE marked in compliance with the Regulation (EU) 2017/745

14. Name and address of the manufacturer



Levitate Technology ApS

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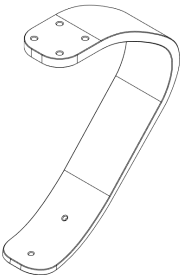

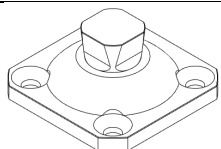
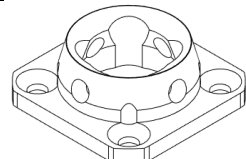
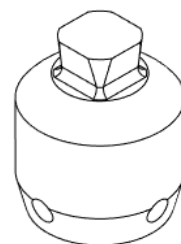
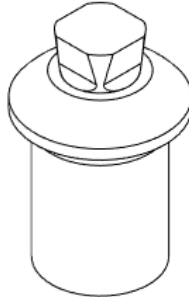
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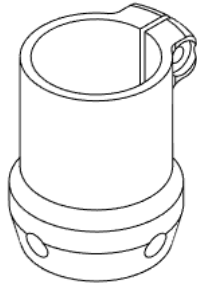
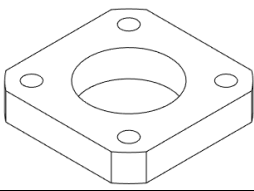
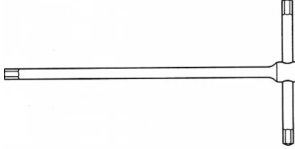
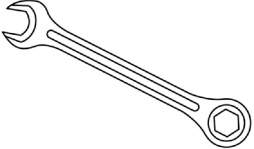


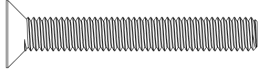
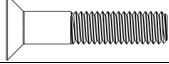
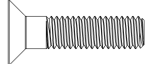

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14. Appendix

Component list		
QTY	Component name	Picture
1	Levitate Sports and Fitness Blade	
1	Replaceable Outdoor Blade Sole Including: - 2 x M4x12 buttonhead bolt - 2 x Washers	
Height Adjustable Adapters		
1	Flat Male Pyramid Adapter 0 mm	
1	Flat Female Pyramid Adapter 0 mm	
1	Female Male Pyramid 30 mm Adapter	
1	Tube Adapter Inner Male 60-90 mm	

1	Tube Adapter Outer Female 60-90 mm	
2	Spacer 10 mm + 10 mm	
Tools for mounting		
1	Allen key 4 mm	
1	Wrench 10 mm	
1	Allen key 2 mm	
Bolts and nuts for mounting		
12	Pinol screws	
4	M6x45 Countersunk bolt	
4	M6x30 Countersunk bolt	
4	M6x25 Countersunk bolt	
4	M6 Locknut	
4	Protection Cap	