

PORTABLE BASKETBALL SYSTEM

ASSEMBLY AND OPERATION INSTRUCTION



A BRIEF INTRODUCTION

The game of basketball is widely popular with people around the world, more and more schools, institution, groups and enterprises are going to develop this kind of sport game. But their limited playing ground, capacity can not make it widely developed. In order to promote the game of basketball and improve the people's health, a series of portable basketball systems designed and produced by our factory have been put into the market, such systems protected by many patents are not only easily to be assembled, but also easily to be disassembled. And all these make widely playing the game of basketball on limited ground possible.

The basketball system comprises a non-metal hollow base which can be filled, a height adjustable pole, a backboard, a basketball goal and a net. The base looks like flat rectangle cube which can be filled with 110 KGs water or 120 KGs sand to keep the system's reliable steady state. Another drain hole on the base is to empty the base. On the top of the base there is a ball-shaped recess for receiving the basketball. There are two wheels on the base make it easier to move the system. The height adjustable pole consists of crank handle, gear bearing, screw shaft, inner and outer pole. Bolt and V-shaped braces firmly connect the height adjustable pole with the base. Swing the crank handle on the pole near the base, observe the number changes of the basketball goal height sticker on the inner pole, you can freely adjust the height of the basketball goal from 210cm to 280cm to suit different groups of different height bracket. The double-layer non-metal standard backboard is made from high density PVC materials. A piece of V-shaped brace is connected to the back of the backboard through threaded bolts. The V-shaped brace, nuts and threaded bolts connected firmly the backboard to the top of the adjustable pole. Different direction offset recess in the back layer of the backboard can not only receive the basketball impact, but also make the different parts of the backboard receive the impact force equally. All these offset recesses act on reinforcing the backboard and prevent the backboard from changing the shape while used. Standard basketball goal is horizontally fixed on the backboard through nuts and threaded bolts.

IMPORTANT SAFETY INSTRUCTION

Those who assemble and use the system must read, understand and comply with all the followings, and the owner must make sure that all the players understand and follow all the rules :

- 1:Before assembling, the person who assemble the system must read the use and assemble instruction carefully and check all the parts in the carton to make sure they accord with the part list.
- 2:Before placing the basketball system, firstly people should choose the playing ground, the surface beneath the base should be horizontal. And the system should not be used until the base is fully filled with water or sand.
- 3:Before using, people should check the system for the stability of the base, the surface beneath the base should be smooth and free of gravel or other sharp objects which could lead to the base leaking and losing the reliable stability. Keep organic materials away from the base.
- 4:People should not push or drag the base on the ground to avoid any damage to the non-metal base.
- 5:This system is not designed for formal match/compete. Dunk-type activities on the unit are not allowed. Do not wear jewels (rings, watches, necklace, etc) while using the system. Serious personal injury may occur or the system may fall down if jewelry is caught on the rim or net.
- 6:Do not use the unit during windy and/or severe weather conditions or the unit may tip over. Adjust the system to the lowest level or place the unit in a storage position.
- 7:Climbing the pole and carving the base are strictly prohibited.
- 8:The system must be removed and assembled only by adults who can safely handle the weight, children are not allowed to do so forever.
- 9:Check the system often for loose and damaged parts. If any problems were found, prompt precautions should be taken into action.

ASSEMBLY INSTRUCTION

The assemble step as follow:

1) Connect the base 7 with the outer tube 33

First place the base on a chosen playing ground, the surface beneath the base should be horizontal. Insert the bottom end of the outer tube, in which the height adjusting system consisting of the parts from part 19 to part 36 is already been assembled, into the rectangle hole of the base and make sure that the crank handle facing back toward the filling hole 11, then insert the bolt 3 through 4 and 29, make sure of the outer tube vertical position. Connect the two braces 16 through nut 14 and screw bolt 15 with the base and the outer tube. Lastly fasten all the nuts and screws.

2) Filling the base with water or sand

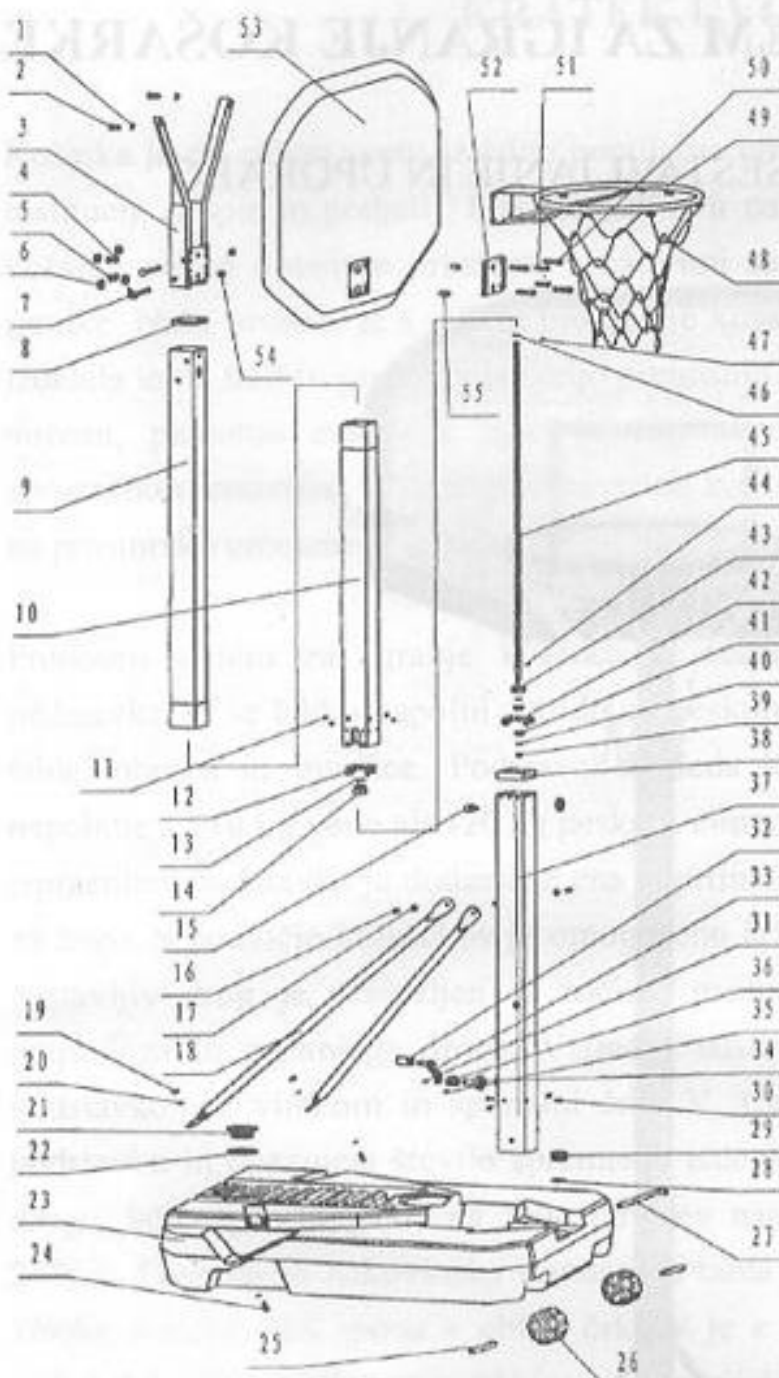
You can begin filling the base after assembling the base and the outer tube firmly. Take the plastic lid off and fill about 110kg water or about 120kg sand into the base, then fasten the lid and check carefully for any leaking. Prohibit using the system if any leaking.

3) Assemble the board 40, the goal rim 41 the V-shaped brace 45 and the top pole 51

Firstly embed the V-shaped brace into the recesses in the back of the board and put the goal rim iron plate 39 into the recesses in the front of the board. Insert the screw bolt 38 through the middle two holes in the iron plate 39 and fasten the bolts with nuts 47 to fix the iron plate 39 and the V-shaped brace onto the board. Fasten the two nuts 43. Insert the goal rim base into the iron plate 39 and then fasten the four bolts 37 with nuts. Next insert the end with the hole 50 of the top pole into the V-shaped brace then fasten the two screw bolts 48 with nut 47.

4) Connect the top pole to the outer tube.

5) Fasten all the screws and nuts.



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|------------------|--------------------|
| 1 Washer | 41 Bearing |
| 2 Screw | 42 Upper Stator |
| 3 V-Shape brace | 43 Pear |
| 4 Washer | 44 Bolt |
| 5 Nut | 45 Master screw |
| 6 Nut | 46 Washer |
| 7 Screw | 47 Cotter pin |
| 8 Plastic Cover | 48 Net |
| 9 Top tube | 49 Rim |
| 10 Inner tube | 50 Screw |
| 11 Screw | 51 Screw |
| 12 Upper Stator | 52 Brace |
| 13 Sprag | 53 Backboard |
| 14 Nut | 54 Nut |
| 15 Screw | 55 Strengthen tube |
| 16 Screw | |
| 17 Nut | |
| 18 Brace | |
| 19 Screw | |
| 20 Washer | |
| 21 Lid | |
| 22 Lid Washer | |
| 23 Base | |
| 24 Screw | |
| 25 Bolt | |
| 26 Wheels | |
| 27 Bolt | |
| 28 Lid Washer | |
| 29 Lid | |
| 30 Screw | |
| 31 Bolt | |
| 32 Tube | |
| 33 Hand grip | |
| 34 Plastic Pear | |
| 35 Screw | |
| 36 Connector | |
| 37 Lower tube | |
| 38 Plastic Cover | |
| 39 Nut | |
| 40 Washer | |