

Pegasi PEG-BBP-INGROUND

Pegasi Inground Basketball Hoop User Manual

Model: PEG-BBP-INGROUND

1. INTRODUCTION

Thank you for choosing the Pegasi Inground Basketball Hoop. This manual provides essential information for the safe and correct assembly, operation, and maintenance of your new basketball system. Please read this manual thoroughly before installation and keep it for future reference.

2. SAFETY INFORMATION

Your safety and the safety of others are very important. Please observe all safety warnings and instructions. Failure to do so may result in serious injury or property damage.

- **Adult Supervision:** Children should always be supervised by an adult when using the basketball hoop.
- **Proper Installation:** Ensure the hoop is installed correctly and securely according to the instructions. The inground anchors must be properly set in concrete.
- **Dunking/Hanging:** Do not hang on the rim or any part of the system. While the rim is spring-loaded, excessive force or hanging can cause the system to tip over or components to break, leading to severe injury.
- **Weight Limit:** The maximum user weight for dunking or hanging on the rim is 80kg. Exceeding this limit can compromise the stability and integrity of the system.
- **Weather Conditions:** Avoid using the system during strong winds, heavy rain, or lightning.
- **Regular Inspection:** Periodically check all bolts, nuts, and connections for tightness. Inspect the backboard, rim, and pole for any signs of damage or wear. Replace damaged parts immediately.
- **Clear Area:** Ensure the playing area around the hoop is clear of obstacles and hazards.
- **Not for Commercial Use:** This product is designed for intensive private outdoor use and is not suitable for commercial applications.

3. PRODUCT FEATURES

The Pegasi Inground Basketball Hoop is designed for intensive outdoor use, offering durability and adjustable play for various skill levels.

- **Adjustable Height:** Seamlessly adjustable ring height from 245 cm to 305 cm (official NBA height).
- **Durable Backboard:** Strong, break-resistant, and weather-resistant plastic backboard with a steel frame and protective corners. Dimensions: 136 x 82 cm.
- **Spring-Loaded Rim:** Solid 16mm spring-loaded dunk rim with a 45cm diameter, equipped with two springs for

dynamic play.

- **Weather-Resistant Net:** Includes a red, white, and blue weather-resistant nylon net.
- **Robust Pole:** Two-piece square powder-coated steel pole, 100 x 100 mm thick, ensuring stability.
- **Inground Stability:** Secured with anchors cast into concrete for maximum stability.
- **Pole Protection Pad:** Supplied with a protective pad for the pole.





Image 1: Front view of the Pegasi Inground Basketball Hoop, showcasing the backboard, rim, and main pole.

4. PACKAGE CONTENTS

Please check that all components are present and undamaged before beginning assembly.

- Backboard (136 x 82 cm) with steel frame and protective corners
- Spring-loaded dunk rim (45cm diameter) with two springs
- Red, white, and blue weather-resistant nylon net
- Two-piece square powder-coated steel pole (100 x 100 mm)
- Inground anchors for concrete installation
- Pole protection pad
- Assembly hardware (bolts, nuts, washers)
- Instruction manual

Note: The basketball return system, basketballs, and other accessories are sold separately.

5. SETUP AND INSTALLATION

Installation of the Pegasi Inground Basketball Hoop requires concrete work for securing the anchors. It is recommended that two adults perform the installation.

5.1 Site Preparation

- Choose a level, clear area for installation, free from overhead obstructions and underground utilities.
- Mark the exact location for the pole.

5.2 Anchor Installation

1. Dig a hole of appropriate dimensions for the inground anchors. Refer to the detailed diagram in the included assembly manual for precise measurements.
2. Position the anchor system in the center of the hole, ensuring it is level and correctly oriented.
3. Pour concrete into the hole, completely encasing the anchors. Ensure the top of the anchor system is flush with the ground or slightly above, as per the specific instructions.
4. Allow the concrete to cure completely according to the concrete manufacturer's instructions (typically 48-72 hours or longer depending on conditions) before proceeding with pole assembly.

5.3 Pole and Backboard Assembly

1. Once the concrete is fully cured, attach the lower pole section to the inground anchor system using the provided hardware.
2. Connect the upper pole section to the lower pole section.
3. Attach the backboard and rim assembly to the upper pole section. This step often requires two people due to the weight and size of the backboard.
4. Secure all bolts and nuts tightly. Do not overtighten to avoid damaging components.
5. Install the pole protection pad around the base of the pole.
6. Attach the nylon net to the rim.



Image 2: Side view illustrating the robust pole and backboard support mechanism.



Image 3: The Pegasi basketball hoop installed in an outdoor setting, ready for use.

6. OPERATING INSTRUCTIONS

6.1 Height Adjustment

The Pegasi Inground Basketball Hoop features a stepless height adjustment mechanism, allowing you to easily change the rim height from 245 cm to 305 cm.

1. Locate the height adjustment mechanism on the pole.
2. Follow the specific instructions provided in the assembly manual for engaging and disengaging the locking mechanism.
3. Carefully raise or lower the backboard and rim to the desired height. Ensure the mechanism is securely locked in place before use.
4. Always ensure the system is stable and locked at the chosen height before allowing play.



Image 4: Detail of the basketball rim and net, highlighting the robust construction.

7. MAINTENANCE

Regular maintenance will extend the life of your basketball hoop and ensure safe operation.

- **Check Fasteners:** Periodically (e.g., monthly or before each season of heavy use) inspect all nuts, bolts, and other fasteners. Tighten any that have become loose.
- **Inspect Components:** Check the backboard for cracks or damage, the rim for deformation, and the net for tears. Replace any damaged parts immediately.
- **Pole Condition:** Inspect the pole for rust, dents, or structural damage. Clean any dirt or debris from the pole and backboard.
- **Net Replacement:** Replace the net if it becomes worn or damaged.
- **Clean Surfaces:** Clean the backboard and pole with mild soap and water. Avoid abrasive cleaners that could damage the finish.



Image 5: Underside view of the basketball rim and net, showing the spring mechanism.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Hoop feels unstable or wobbly.	Loose fasteners; improper anchor installation; damaged pole.	Check and tighten all bolts and nuts. Ensure concrete has fully cured and anchors are secure. Inspect pole for damage.
Height adjustment mechanism is stuck.	Debris in mechanism; corrosion; improper operation.	Clean the mechanism. Apply a silicone-based lubricant if necessary. Refer to the assembly manual for correct operation.
Backboard is cracked or damaged.	Impact damage; material fatigue.	Discontinue use immediately. Contact customer support for a replacement backboard.
Rim is bent or damaged.	Excessive force during play (e.g., hanging on rim); impact damage.	Discontinue use immediately. Contact customer support for a replacement rim.

9. SPECIFICATIONS



Feature	Detail
Model Name	Pegasi basketbalpaal Inground 2.45 - 3.05m
Model Number	PEG-BBP-INGROUND
Brand	Pegasi
Ring Height Adjustment	Stepless, 245 cm to 305 cm
Backboard Material	Break-resistant, weather-resistant plastic with steel frame
Backboard Dimensions	136 x 82 cm
Rim Diameter	45 cm
Rim Type	Solid 16mm spring-loaded dunk ring with 2 springs
Pole Material	Two-piece square powder-coated steel
Pole Dimensions	100 x 100 mm
Installation Type	Inground (anchors cast in concrete)
Product Weight (approx.)	78 kg
Maximum User Weight (for dunking)	80 kg
Color	Black (pole), Clear (backboard)
Intended Use	Intensive outdoor use (non-commercial)

10. WARRANTY AND SUPPORT

For warranty information, replacement parts, or technical support, please contact your retailer or the manufacturer directly. Keep your proof of purchase for warranty claims.

Manufacturer: Pegasi

Related Documents

	Pegasi Football Game Installation Manual A comprehensive guide for assembling the Pegasi Football Game, including parts list, tools, and step-by-step instructions.
	Pegasi Table Soccer Assembly Instructions Detailed assembly instructions for the Pegasi table soccer (foosball) game, including parts lists and step-by-step guidance for assembly.

