



SPIDER MOUNTAIN Static

REVISION DATE 12/07/07

Maintenance and Operation manual
For
Spider Operations
System and Accessories

Maintenance and operation manual

SPIDER Operation Manual

Welcome

It is with great pleasure to congratulate you on your purchase and welcome you to Vertical Reality. We are excited about our products and feel confident that through proper planning, placement and hard work, the system will be a rewarding and profitable purchase. Our philosophy is centered on a commitment to excellence in meeting the needs of our customers, providing a quality product that is safe, exciting and profitable. We encourage you, to likewise develop a standard of quality and service that makes you the leader in supplying systems for the amusement, entertainment and special attractions market.

Our goal is to establish a relationship with your company. One that will promote Vertical Reality and your company, as successful partners, as well as providing a superior product for those who are looking for an amusement attraction.

Our part in making our team successful is:

- Commitment to a proper, effective, safe and profitable design.
- Seven days a week customer service support
- Manufacturing to "ASTM F-1159-97a" & ASTM F24, ADIPS, TUV, CE and Vincotte safety standards for the worldwide amusement industry
- Cycle time that generates high profits

Your part in building a successful business using Vertical Reality products is:

- Commitment to safe operation and following the guidelines to the letter.
- Consistent inspection for proper maintenance
- Effective & active marketing and promotion of the activity

We are looking forward to a long and prosperous relationship. Should you have any comments or questions, please do not hesitate in calling.

Sincerely,

KEN SHARKEY
Director

SPIDER Operation Manual
Confidentiality Agreement

This manual and its content are for the exclusive use and operation of the system by the owner of the system and its authorized personnel. This manual is designed to provide accurate and authoritative information in regard to the subject matter covered. This manual may not be reproduced in whole or part in any form or by any means, without the prior written consent of **Vertical Reality**.

Confidentiality

This manual contains proprietary information belonging to Vertical Reality. It is to be viewed only by persons employed by Vertical Reality and/or the system owner and authorized personnel.

Distribution

This manual is not to be distributed to any other persons other than those actively engaged in the operating and/or marketing of the system product to customers serviced by the owner of the system.

Disposition

This manual is the property of the system owner and Vertical Reality and must be returned to Vertical Reality upon receipt of an updated manual or discarded.

Revision

Vertical Reality may make periodic additions, deletions and modifications to this manual. These updates will, in the judgment of Vertical Reality, add to the quality of services offered. This manual must be kept up to date, and should reflect all updates currently in use and therefore it is your responsibility to note the date of modification.

SPIDER Operation Manual

Receipt and Acknowledgment

This Training/Operations Manual is an important document intended to help you become acquainted with the Spider Climb system, Vertical Reality and guidelines as to safe and recommended operation.

Please read the following statement and sign below to indicate your receipt and acknowledgment of the system/Vertical Reality's Training Manual.

I have received and read my copy of the system/Vertical Reality's training manual. I understand that the information outlined in this manual are subject to change at the sole discretion of Vertical Reality at any time. It is further understood that the owner of the system has the responsibility to ensure the correct and latest version of the manual is being used.

As an owner of the system or authorized representative, it is my responsibility to keep this manual up-to-date with any changes that are made by Vertical Reality.

I understand that my signature below indicates that I have received Vertical Reality's training Manual and that I have read it.

Authorized Representative

Date

The signed original copy of this agreement will be held in the Corporate Office in Miami, FL

SPIDER Operation Manual

Training Overview

This training course is an introduction to the system and its operation. The purpose of this manual is to provide a compilation of information that will assist you in proper and safe operation.

This manual is designed to aid in training you and your associates. The sections within this manual are prerequisite to each other. In other words, the information in section one pertains to the information in section two.

The philosophy of **Vertical Reality** is centered on a commitment to excellence in meeting the needs of its customers and associates by providing them with the enclosed information.

The manual is designed to provide the owner with the information, tips, and techniques that will help the employees and owner operate the system as effectively and safely as possible. It is no way a total representation of all facts. Safe operation of this unit is the sole responsibility of the owner/operator. Good and reasonable judgment must be used when traveling, promoting and/or operating the wall.

Training Objectives

Upon reviewing this training, you will be able to complete the following:

- Explain specific information regarding the background and history of Vertical Reality.
- Understand the process for proper set-up of the systems
- Identify and understand the inspection points for day-to-day maintenance.
- Define and understand the safe operation of the systems
- Identify and explain the rules for safe usage of the systems

Company Overview

Vertical Reality, located in Miami, FL., is a manufacturer/ distributor of commercial interactive sports and fitness-fun equipment used in the amusement and recreational fitness markets. Designed for fun, VR is a premier provider of commercial action based products to be used in the amusement, fitness and recreation industry. Safely engineered VR products provide maximum revenue while providing thousands of hours of safe and exciting entertainment for your customers.

Mission Statement

To be the premier provider of revenue-generating *interactive sports* products used in the amusement, fitness, promotional markets.

Corporate Values

Our philosophy is centered on a commitment to excellence in meeting the needs of our customers, providing a quality product that is safe, exciting and profitable.

Product Overview

Welcome to the system, Vertical Reality's latest in revenue generating interactive sports products designed for the amusement, entertainment, and fitness industries. The system maximizes profit and safety. The system is designed to meet ASTM F-1159-97a & ASTM F 24 standards for the Amusement Industry. This means that the is designed, manufactured, tested, and supported by comprehensive quality assurance and quality control measures to ensure product reliability and safety. The enclosed information is an outline as to the procedures for safe operation and set-up of the product.

This purchase of our products must include proper training and safety practices. The purchasers and users of our products are completely liable for and accept full responsibility for any and all damage or injury, which may result from the use and/or misuse of any products.

I. Equipment & Warranty

A. Introduction to the "SPIDER"

The "Spider Mountain" is a unique new climbing attraction for all ages that develops motor skills and gives a complete new experience each time it is attempted.

B. Equipment List (directly dependant on height)

- 4X3 Bottom legs with 4 foot extensions
- 4X3 Top legs (Depending on Height)
- 8 or 12 foot diameter banded rings.
- 3/8 U bolts for static
- 8 ½ x 5" grade 8 bolts
- Trampoline bed with elastic cord
- Netting for outside and top of entire structure

C. Warranty

Spider Mountain products have a limited one-year warranty on the structure (rings, chain, bolts and uprights). This warranty does not include consumables (rubber strapping, trampoline, bungee cord nor netting) which are subject to normal daily wear and tear; nor does it apply towards any misuse of product.

Additional Standards of Compliance

- ASTM F-893, F-853, F-896, F-698. –(pertaining to the structure)
- MIL-C-53004B, FED. Test Std.191A, Method 5903. ASTM D-4372, NFPA 701, Method 2. –(pertaining to the netting)

ASSEMBLY of Static Model

Installers must follow all OSHA regulations pertaining to the assembly of structures 6 ft or taller. Vertical Reality recommends the use of a lift; ladders are not acceptable for install.

- Open first ring (if hinged-12 foot version). This ring does not have bands or netting.
- Set up the 4 base posts- should be set up in the form of an **X** from each other.
- Align the hinges of the rings so that they line up with 2 posts. This will ensure that the unit will erect straight.
- Bolt this bottom ring, with the supplied u-bolts, to the posts.
- Open the next ring and bolt the next set of brackets to the posts. This ring contains the trampoline mat with bungee cord.
- Continue to do the same for the next # of rings.
- If unit is greater than 16 feet, bolt the top posts to the bottom posts with the supplied ½ grade 8 bolts.
- Carry on with the installation of the rings.
- The top ring will have a round net. This one and the bottom one do not have rubber bands.

Disassembly of unit

- Starting at the top most ring, remove the side netting.
- Remove the U-bolt nuts and begin to slide out the U-bolts.

SPIDER Operation Manual

- **Once the ring is unbolted from structure it should be removed and placed away from the structure.**
- **Repeat the same procedure for remaining rings, except for the last ring.**
- **If the unit is taller than 16ft and all the rings pertaining to the top posts have been removed you can now un-bolt the 4 top posts.**
- **Removal of the lowest ring will require that all four posts be secured to avoid any accidental movement.**
- **The final step is removal of bottom posts, which should be layed down one at a time.**

Operational & Safety Guidelines Must Be Carefully Read and Followed prior to allowing any customers using the ride.

Any person operating this playground should read and be familiar with this manual before supervising use of this ride by customers.

Spider Mountain Safety Rules:

- **Children must be monitored by an adult at all times.**
- **Minimum Height 36” must be strictly enforced.**
- **Maximum amount of children allowed at the same time is 15 for mobile & 25 for Static**
- **Neither food nor gum is allowed inside the ride.**
- **Rough play is not allowed at any time.**
- **Remove jewelry (necklaces, earrings, watches, bracelets, etc.).**
- **Guest with disabilities should refer to our ride operator or attendant.**
- **Remove the following objects: exposed or oversized belt buckles, shoes, pagers, phones, etc.**
- **Exercise caution when going to different levels.**

Deleted:

*The ages of children may vary, as well as the weight limit and height. We advise a min. age of 3 years. Children under 3 might have problems going up in the ride (if it is not crowded, they **can ride with an adult**).

Daily Check List Sheet

The following daily activities should be performed before the “spider” is used:

- check all bolt connections to ensure all are tight
- check all rubber bands and replace ones that are broken
- Check the netting for any openings and re-zip tie if necessary.
- Check trampoline mat and elastic cord.

NAME

SIGNATURE

DATE

Documentation

Mechanical Inspection:

The safety check needs to be performed and the corresponding daily safety check sheet filled out as mentioned above before every day of operation. These sheets then need to be kept on file on site for random audits by either park officials or Vertical Reality representatives at all times.

Employee Documentation.

Documentation of employee training and status as well as a list of each employee have address and phone number. A training manual is to be on site at all times; Copies of this documentation are also to be handed out to Park's Games Department Management, to the Site Manager, and to a Vertical Reality Representative.

The Staff

There should be at least one employee that controls the number and size of participants in the attraction at all times.

We recommend that you let in kids of a similar size and weight range at the same time.

We recommend from 1 to 28 kids at the same time for optimal performance.

We recommend that the unit be shut down if the wind exceeds 30 MPH.

We recommend that kids use the attraction for 10 min or less per attempt.

If at anytime you are in a busy time, we recommend that there is one other staff member in the unit to control rough play an to help if a child has a problem.