

Height Adjustment System Guide

by Jay Finnerty & Sue Wilkinson, OTR/L

Introduction

Abilitations Height Adjustment System is designed with therapist comfort and client safety as priorities. It is one of the strongest height adjustment systems available and is made of aircraft alloy materials with an exclusive ergonomic handgrip on the Height Adjuster. The sealed ball bearings in the Rotational Device rotate smoothly for an even glide that supports the largest loads. The Therapy Rope is a strong nylon, and the Comfort Snap feels great in the therapist's hands as well as providing the fast and secure self-closing gate.

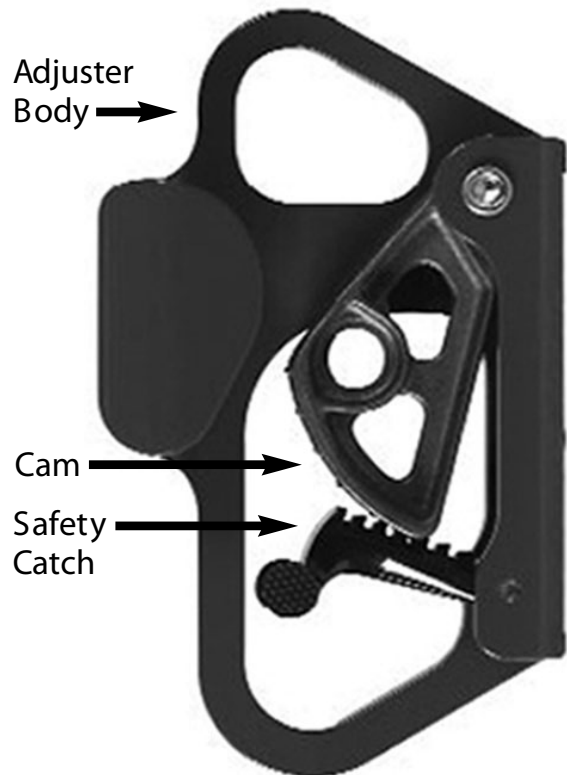
Components

Height Adjuster: (Item# 023721)

Therapy Rope: (Item# 1304866)

Rotational Device: (Item# 023715)

Comfort Snap: (Item# 023717)



(Shown in retracted position.)

Product Use

Height Adjuster Operation:

- Using your thumb, open the safety catch and retain it with your middle finger.
- Again, using your thumb, open the cam at the thumb notch provided.
- Insert the rope into the adjuster body.
- Release the safety catch.
- Allow the catch to return to the fully retracted position.
- To move the adjuster up or down, use your thumb to release the safety catch and glide the adjuster into position.

To Shorten The Therapy Rope:

- Place masking tape where the cut is to be made.
- Using sharp adult scissors or a sharp knife, completely cut through the rope.
- In a ventilated space, use a lighter to securely melt the rope fiber ends to prevent fraying.

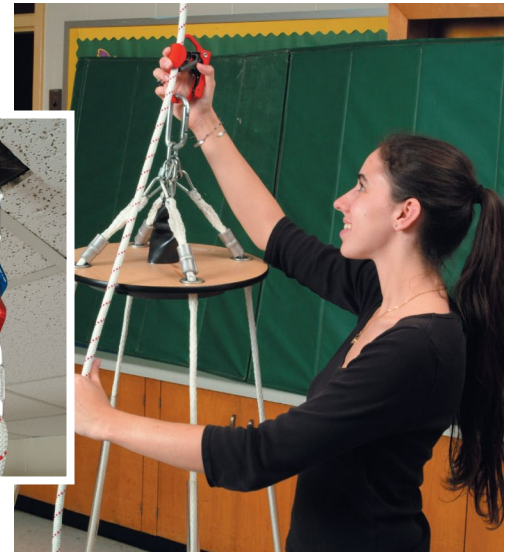
Care & Safety

Height recommendation is 8 feet (2.43 meters) from the floor. The forged eyebolt (not included), and Abilitations Rotational Device are prerequisites for having a complete system. A Rotational Device is mandatory for safety and reducing wear on all equipment.

An 11 foot (3.35 meters) diameter from the center suspension should be clear of all walls, posts and other hard surfaces. Floors and walls are best padded with Abilitations Super Expand-O-Mats of 1 3/8" (3.5cm) for superior safety and traction.

Regular safety inspections are the responsibility of the treating professional. The key maintenance points for each component of the Height Adjustment System can be found in the maintenance checklist below.

This system is designed for indoor use and is best kept away from direct sunlight for longer wear. We suggest taking down equipment when not in use, so that adult supervision is always present when using the suspended equipment. The equipment is not designed to be immersed in water. Damp environments will compromise the longevity of both rope and metal parts.



Maximum Breaking Strengths (MBS) And Recommended Working Loads (RWL)

This equipment is tested for use in emergency situations involving rescue operations in extreme situations. Independent testing has led us to make the following conservative working load recommendations at 10% even though the industry fluctuates from 10-30%.

	MBS	RWL
Height Adjuster	3500 lbs (1587.6 kgs)	350 lbs (158.8 kgs)
Therapy Rope	7500 lbs (3402 kgs)	750 lbs (340.2 kgs)
Rotational Device	9000 lbs (4082.4 kgs)	900 lbs (408.2 kgs)
Comfort Snap	4950 lbs (2245.3 kgs)	495 lbs (224.5 kgs)

Maintenance Checklist

Eyebolt

Inspect forged eyebolt in ceiling for movement
Check to make sure wear on eyebolt is 25% or less.

Rotational Device

Rotate the device to detect any grittiness or grinding
Check metal connection to make sure wear is 25% or less.

Height Adjuster

Test spring in the trigger
Check safety catch
Look for damaged/bent tips on cam

Therapy Rope

Check the metal lining of the eye splice for wear
Make sure there are no broken fibers in the rope

Comfort Snap

Check both metal ends to make sure wear is 25% or less
Make sure the self closing gate stays closed

If problems are noted, discontinue use and contact Customer Service at Abilitations for repair or replacement. Our products are guaranteed unconditionally, for one year.



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