



## **ASSEMBLY AND INSTRUCTIONS MANUAL**



**ATTENTION  
PLEASE READ CAREFULLY BEFORE  
ASSEMBLY AND USE**

## Assembly & Instruction Manual

Please read carefully before assembly and use, it is crucial to your product satisfaction and personal safety.

However, we are NOT responsible for any accident resulting from improper use, or failure to inspect and maintain adequately.

If you have any questions concerning your stilts, please contact us:

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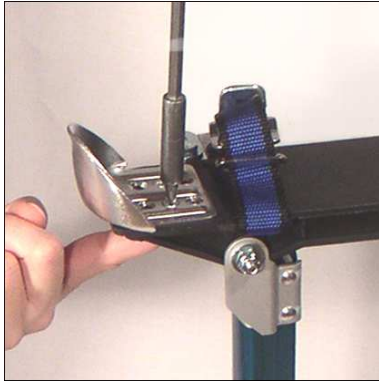
## Technicle Data

We provide three types of stilts for you to choose according to your physical conditions and working environment.

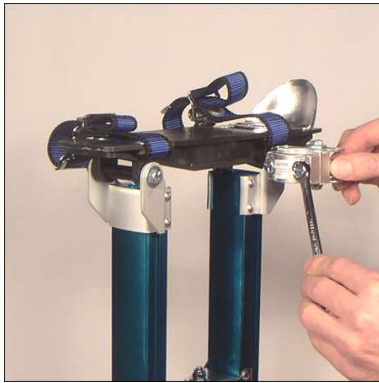
Typ	Höhe (min)	Höhe (max)	Gewicht
SH 1523	380 mm (15 inch)	585 mm (23 inch)	5,8 kg
SH 1830	460 mm (18 inch)	765 mm (30 inch)	6,2 kg
SH 2440	610 mm (24 inch)	1020 mm (40 inch)	7,0 kg

**Load Limitation: 105 kg / SET**

## Assembly - According to the illustrated pictures below:



(1) The six holes in the *heel bracket* (H10) that is attached on the *footplate* (H9) are used to adjust the distance between the footplate and the heel bracket.  
Tighten the heel bracket to the footplate well.



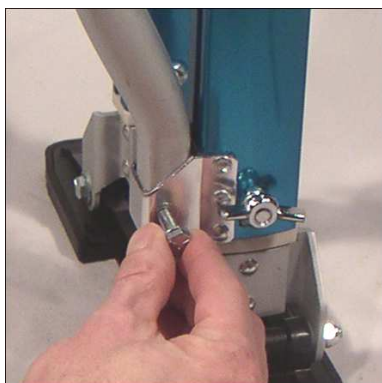
(2) Loosen the *tube clamps* (H29 / H30).



(3) Insert *lower strut tubes* (H23) up through the bottom of the *tube clamps*.



(4) Attach *lower strut tubes* to the *inter-lock bracket* (H50B).



(5) Connection with attachment *cap screw* (H24) & *nylon lock nut* (H13A). Tighten well when assembly is complete.



(6) Slide the *upper strut tubes* (H5) down over the *lower strut tubes* and through the *tube clamps*.



(7) Put your leg on the stilts and position so the *leg bands* (H4) are just above the large portion of the leg calves. Tighten the screws of the *tube clamps* well.

## Operating Cautions - 1. Strap tightening sequence



(1) IMPORTANT! Always buckle *leg straps* (H4) first, and then buckle *arch* (H7) and then *toe straps* (H8). When dismounting unbuckle the straps in reverse sequence.

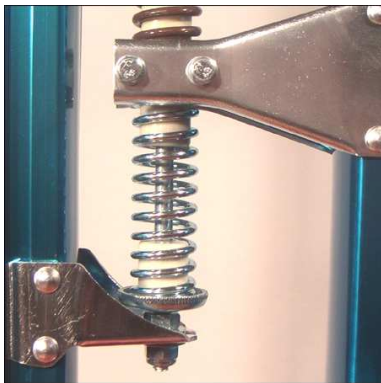


(2) ATTENTION! Never forget binding the straps.

## **2. Forward / Rearward Balance**



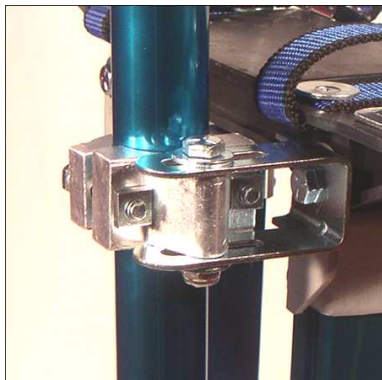
(1) Never use wrongly adjusted Stilts. If you stand comfortably on the stilts, the stilts should have 90° to the even underground. A forward pitch of the stilts is wrong and a backward pitch can become dangerous. The balance of stilts is controlled by its midst part of entire spring assembly (H45). Any artificially forward or backward pitch will destroy the balance.



(2) If your body leans forward when you are using the stilts, please adjust the spring adjuster (H15) on the lower coil spring (H44).



(3) Whereas, if your body leans backward, please adjust the spring adjuster on the upper coil spring (H16).



(4) The *clamp brackets* (H31) beside the tube clamps are used to keep the balance of the stilts. Position the tube clamps in the clamp bracket slots, according to your calf size, so the stilts will stand straight when mounted, and tighten them well. Continue to set with large calves outward.

### **3. Height Adjustment**

Remove *wing bolts* (H42). Evenly raise the *stilt legs* (H47) to the desired height, align the wing blowholes in the legs and extension tubes, install wing bolts, and tighten well.

### **Inspect Before Working**

Make certain the entire stilts are free of any sign of damage or excessive wear, and that all nuts and bolts are tight. Special attention should be given to the entire strut tube assemblies, straps and wing bolts in this respect. Make certain that each step completely clears the floor, as you must never drag or shuffle your feet.

The usage tools should put into saddlebag prepared beforehand, to avoid taking the tools with stilts unsafely.

### **Maintenace**

DO INSPECT STILTS THOUROUGHLY BEFORE USE:

Lubricate the “action” spring components lightly.

REPLACE ANY DAMAGED OR EXCESSIVELY WORN STILT COMPONENTS BEFORE USE.

CHECK ESPECIALLY THE FOLLOWING:

Fragile components

Nylon sleeves

Wing bolts

Straps

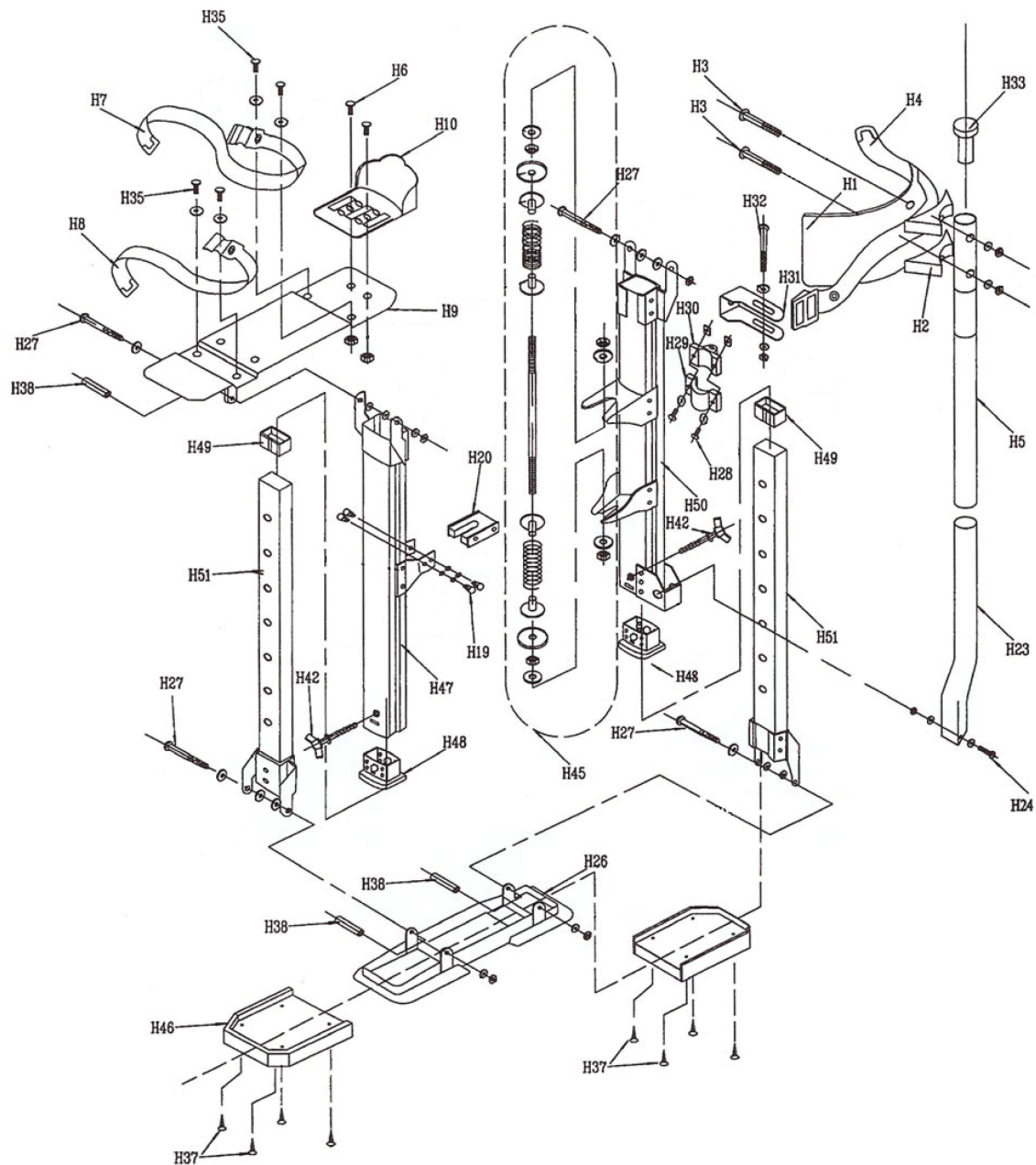
All Components upwards are replaceable and serviceable. Determine the stilts type (outlined in the technicle data) and refer to the parts list.

## TS-STILTS PARTS LIST

<b>Part Nr.</b>	<b>Name, Parts Incl.</b>
H1	Leg Band - Includes Flat Wider Washer, Pads
H2	Leg Band Spacer
H3	Screw-Set Leg Band (for one Stilt) Incl. 2x Screw, 2x Flat Washer, 2x Nut Flat
H4	Leg Strap With Buckle
H5-1523	Upper Strut Tube (only for 1523)
H5-1830	Upper Strut Tube (only for 1830)
H5-2440	Upper Strut Tube (only for 2440)
H6	Screw-Set Heel Bracket (for one Stilt) Incl. 2x Screw, 2x Nut
H7	Arch Strap (long) With Self Locking Buckle
H8	Toe Strap (short) With Self Locking Buckle
H9	Nylon Foot Plate
H10	Adjustable Heel Bracket
H19	Screw-Set Spring Divider (for one Stilt) Incl. 4x Screw, 4x Lock Washer, 4x Flat Washer
H20	Spring Divider
H23-1523	Lower Strut Tube (only for 1523)
H23-1830	Lower Strut Tube (only for 1830)
H23-2440	Lower Strut Tube (only for 2440)
H24	Screw-Set Strut Tube (for one Stilt) Incl. 1x Screw, 2x Flat Washer, 1x Nut Flat
H26	Nylon Floor Plate
H27	Screw-Set Leg (for one Stilt) Incl. 4x Screw, 7x Flat Wider Washer, 8x Nylon Leg Bearing, 4x Nut
H28	Screw-Set Tube Clamp (for one Stilt) Incl. 1x Screw, 2x Flat Washer, 1x Square Nut
H29	Round-Lock Tube Clamp (L)
H30	Round-Lock Tube Clamp (R)
H31	Metal Clamp Bracket
H32	Screw-Set Clamp Bracket (for one Stilt) Incl. 1x Screw, 2x Flat Wider Washer, 1x Nut Flat
H33	Upper Strut Tube Cap Plug
H35	Screw-Set Strap (for one Stilt) Incl. 4x Screw, 4x Flat Washer
H37	Screw-Set Sole (for one Stilt), Incl. 8x Screw
H38	Strap Mounting Nylon Sleeve (for H9 and H26)
H42	Wing Bolt
H45	Entire Spring Assembly (Set for one Stilt)
H46	Half Sole - Includes 4x Screw (for Nylon Floor Plate)
H47-1523	Forward Outward Leg Extension (only for 1523) Incl. H48
H47-1830	Forward Outward Leg Extension (only for 1830) Incl. H48
H47-2440	Forward Outward Leg Extension (only for 2440) Incl. H48
H48	Downward Huge Nylon Sleeve (for Outward Leg H47, H50)
H49	Upward Small Nylon Sleeve (for Inner Tube H51)
H50-1523L	Left Rear Outward Leg Extension (only for 1523) Incl. H48
H50-1830L	Left Rear Outward Leg Extension (only for 1830) Incl. H48
H50-2440L	Left Rear Outward Leg Extension (only for 2440) Incl. H48
H50-1523R	Right Rear Outward Leg Extension (only for 1523) Incl. H48
H50-1830R	Right Rear Outward Leg Extension (only for 1830) Incl. H48
H50-2440R	Right Rear Outward Leg Extension (only for 2440) Incl. H48
H51-1523	Inner Extension Tube (only for 1523) Inclusive H49
H51-1830	Inner Extension Tube (only for 1830) Inclusive H49
H51-2440	Inner Extension Tube (only for 2440) Inclusive H49



## Stilts Diagram





## **Notice:**

Keep all straps tightly fastened and secured.  
Fasten the upper leg strap first when putting on stilts.  
Remove anything from the soles, which could cause loss of traction.  
Walk only on suitable hard surface and level terrain.  
Cover or guard floor openings, etc.  
Walk forward only, making an "U" turn to reverse your direction.  
Remove stilts when climbing or descending stairs.  
Receive assistance when picking up objects from the floor.  
Walk carefully with obstacles near your head.

## **! Caution:**

Don't ... wear stilts without having the proper instruction on the use of them.  
Don't ... wear stilts that have damaged excessively worn or modified components  
Don't ... use wrongly adjusted stilts.  
Don't ... walk on oily or otherwise slippery surfaces, e. g. wet tiles or wet stilt soles on tiled surface.  
Don't ... wear on sandy, rocky, uneven, muddy, or excessively soft terrain.  
Don't ... work in or around loose wire, rope, electric cords, paper sacks, broken glass, conduit etc.  
Don't ... walk on secondary scaffolding, benches, planks, stools, etc.  
Don't ... use stilts never at an unprotected window, stairway or other danger places.  
Don't ... carry heavy loads while walking on stilts.  
Don't ... run or walk fast on stilts.  
Don't ... wear stilts that are taller than necessary.  
Don't ... wear stilts while under the influence of drugs or alcohol.