



## Instruction, Usage and Assembly Manual



**For Your Own Safety Please Read Carefully**

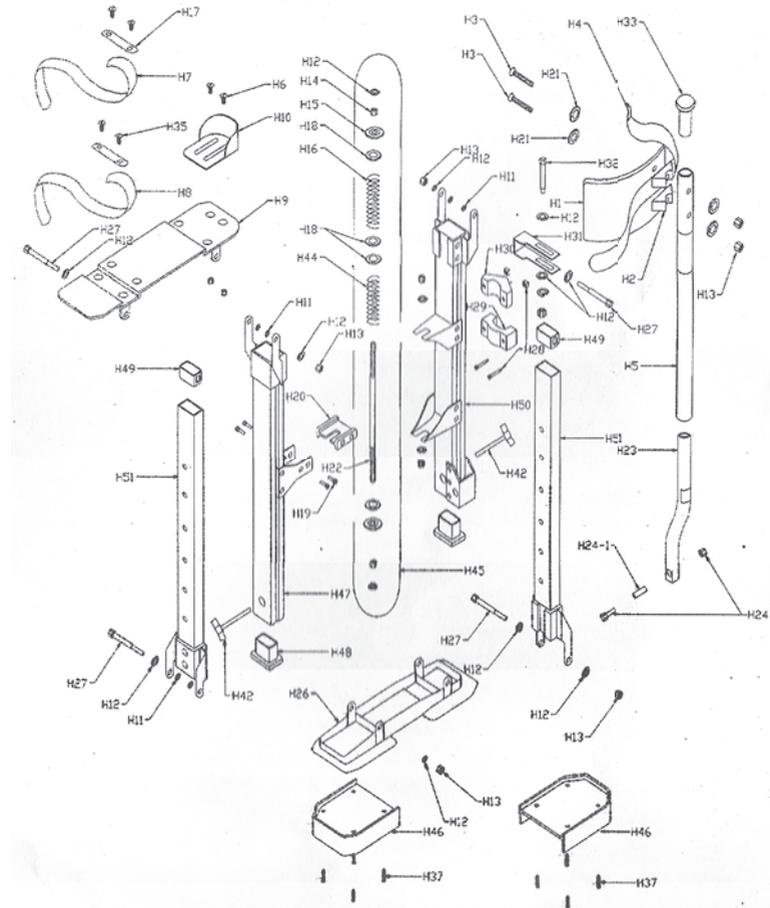
**Maximum Safe Load Capacity 100 Kilograms**

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# Personal Walking Scaffold System Schematics



*If you require further assistance or have more detailed question, please contact our customer service team on;*

**PH 1800 652 267**

# Personal Walking Scaffold System Schematic and Order Check List

For Your Own Safety Please Read Carefully

Maximum Safe Load Capacity 100 Kilograms

Part No.	Description	Check Box.
1	Leg Band with pad	<input type="checkbox"/>
2	Leg band spacer	<input type="checkbox"/>
3	1/4" - 20x2 Flat head machine screw	<input type="checkbox"/>
4	Leg Strap	<input type="checkbox"/>
5 - 24	1 1/8" O.D. upper side pole ("2440" only)	<input type="checkbox"/>
5 - 18	1 1/8" O.D. upper side pole ("1830" only)	<input type="checkbox"/>
5 - 15	1 1/8" O.D. upper side pole i1523" only)	<input type="checkbox"/>
6	No. 10 - 24 1/2" machine screw with nut	<input type="checkbox"/>
7	Arch strap	<input type="checkbox"/>
8	Toe strap	<input type="checkbox"/>
9	Nylon foot plate	<input type="checkbox"/>
10	Heel bracket	<input type="checkbox"/>
11	Leg plastic bearing	<input type="checkbox"/>
12	1/4" at washer	<input type="checkbox"/>
13	1/4" - 20 locknut	<input type="checkbox"/>
14	1/4"-20 hex nut	<input type="checkbox"/>
15	Sprint	<input type="checkbox"/>
16	Upper coil spring (darker color)	<input type="checkbox"/>
17	2 3/4" x 3/4" strap mounting plate.	<input type="checkbox"/>
18	Nylon spring bearing	<input type="checkbox"/>
19	No.8 x,3/8" self threading screw	<input type="checkbox"/>
20	Spring divider	<input type="checkbox"/>
21	Large leg band Support washer	<input type="checkbox"/>
22	1/4" x 7 7/8" Stud thread both ends	<input type="checkbox"/>
23 - 15	1" O.D. lower side pole ("1523" only)	<input type="checkbox"/>
23 - 18	1" O.D. lower side pole i1830" only)	<input type="checkbox"/>
23 - 24	1" O.D. lower side pole ("2440" only)	<input type="checkbox"/>
24	1/4" - 20 1 1/2" cap screw	<input type="checkbox"/>
25	1/4" - 20 x 1 3/4" cap screw	<input type="checkbox"/>
26	Nylon oor plate	<input type="checkbox"/>
27	1/4" . 20 x 1 1/8" cap screw	<input type="checkbox"/>
28	1/4"-20x1 3/4" cap screw w/ square nut	<input type="checkbox"/>
29	Side pole cap clamp	<input type="checkbox"/>
30	Side pole support clamp	<input type="checkbox"/>
31	3.0 mm dampbracket	<input type="checkbox"/>
33	Upper side pole cap plug	<input type="checkbox"/>
35	Strap mounting screw	<input type="checkbox"/>
37	Sole mounting screw	<input type="checkbox"/>
42	Wing bolt	<input type="checkbox"/>
44	Lower coil spring	<input type="checkbox"/>
45	Entire spring assembly	<input type="checkbox"/>
46	Replacement sole	<input type="checkbox"/>
47 - 15	Forward adjustable leg extrusion ("1523" only)	<input type="checkbox"/>
47 - 18	Forward adjustable leg extrusion ("1830" only)	<input type="checkbox"/>
47 - 24	Forward adjustable leg extrusion ("2440" only)	<input type="checkbox"/>
48	Downward nylon sleeve	<input type="checkbox"/>
49	Top stopping small nylon sleeve	<input type="checkbox"/>
50L15	Left rear leg extrusion ("1523" only)	<input type="checkbox"/>
50R15	Right rear leg extrusion ("1523" only)	<input type="checkbox"/>
50L18	Left rear leg extrusion i1830" only)	<input type="checkbox"/>
50R18	Right rear leg extrusion ("1830" only)	<input type="checkbox"/>
50L24	Left rear leg extrusion ("2440" only)	<input type="checkbox"/>
50R24	Right rear leg extrusion (HW244O only)	<input type="checkbox"/>
51 - 18	Inner extension rectangular tube ("1830" only)	<input type="checkbox"/>
51 - 24	Inner extension rectangular tube ("2440" only)	<input type="checkbox"/>
51 - 15	Inner extension rectangular tube ("1523" only)	<input type="checkbox"/>
52	Leg. toe, arch strap set	<input type="checkbox"/>
55	Sole mounting screw package	<input type="checkbox"/>
56	Strap mounting screw package	<input type="checkbox"/>

Although Pro Plaster Products makes all attempts to ensure every Personal Walking Scaffold System is used in an appropriate and safe manor it is the responsibility of the purchaser to ensure all assembly, and general maintenance safety inspections are undertaken prior to use, so that each purhasers personal safety is given the appropriate level of attention.

Your responsibilities of a purchaser are that before the Personal Walking Scaffold System is used the following booklet must be read and understood. Basic responsibilities are that a Personal Walking Scaffold System must only be used in clean and safe work areas, that allow users to use the Personal Walking Scaffold System whilst always exercising caution.

Pro Plaster Products will not be held responsible for any accident\* that may occur through the usage of the Personal Walking Scaffold System.

Any questions or concerns can be directed at anytime to our Free Call Number on 1800-652-267.

\* Any accident is to include improper use, irresponsible use, or failure to maintain equipment adequately that may result from wear and tear due to usage. Failure to inspect each component adequately and therefore undertake appropriate maintenance schedules that may cause accidents, are also deemed to be accidents and therefore the responsibility of the purchaser.

# Assembly Instructions

## Lower & Upper Support Tubes

1. Insert lower support tubes up through the bottom of the supporting clamps (ensuring supporting clamp nuts have been adequately loosened).

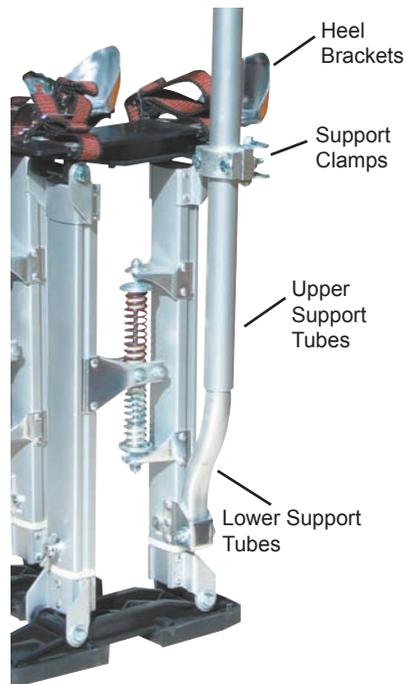
2. Ensure the lower support tubes are attached to the safety lock bracket using the nylon lock nut. Tighten when assembly is complete.

3. Slide the upper support tubes down over the lower support tubes and through the tube clamps. Position the top end of the tubes (Leg Bands) so that they are just above the calves on each leg. (Leg Bands should not be bent.)

4. Evenly tighten up the support clamps so that both support tubes are held tight. (Do not over tighten, as tubes may crush which would result in them needing replacement.)

5. Position the support tubes clamps in the clamping positions in line with your calf size, so that the Personal Walking Scaffold System will stand vertical when mounted.

6. Mount the heel brackets to the footplates using the phillips screws and nuts. Adjust the heel bracket so your outside ankle bone is directly over the rear pivot bolt. Secure well.



# Safe Usage Practises

## Walk Precautions

1. Always take short, distinct steps and walk with you Personal Walking Scaffold legs apart. To reduce the likelihood of excess stress on individual components never extend steps to more than a normal walking distance.

2. Each time before usage, ensure the user inspects the entire product for damaged components. Look for excessive wear, all fasteners are tight and that wingnuts in respect to upper and lower strut tubes are sufficiently tight.

## Learning to Walk

1. Choose a level and clear area, if possibly near a wall but avoid doors, stairs and windows. When attempting to mount, enlist the help of a colleague, take short steps and keeping your legs well apart.

Ensure that each step clears the floor and does not scuff or drag your feet. Using a colleges help practice walking forward and backward's. Whilst this has been successfully achieved practice U-turns from left and right turns.

## Possible Adjustments

1. If you have a tendency to lean forward or backward while walking, you should adjust the springs. Only make the appropriate adjustments after dismounting. Use adjustment to the upper spring to correct leaning forward while walking. Use adjustment to the lower spring to correct leaning backward while walking. Never over tighten either spring. The maximum number of turns without causing damage to either spring is 14 turns.

# Maintenance Personal Walking Scaffold System

## Lubrication

1. To maintain your Personal Walking Scaffold System in safe working condition, it must be kept clean and free from dents. Only moving parts should be applied lightly with silicon spray or graphite powder. Only water should be used for clean up and under no circumstances should lubricants that retain grit or that are chemical based should be used. Ensure at all times the footprint (Soles) remain clean so that adequate traction may be maintained to ensure safe working practises.

## Nylon Bushes

1. Replacement of nylon bushes require the removal of wingbolts and the removal of the upper foot plate including the upper and lower support tubes. Pry the small sleeves from the support tubes, cutting the sleeves if need be.

2. To reassemble, check tubes for burrs and file in necessary. Slide new large sleeves down over the support tubes until the large sleeve tabs are aligned over the detens at the bottom of the support tubes. Insert new small sleeve over the top of the supporting extension tubes until it 'snaps' past the upper locking tabs of the supporting extension tubes. Carefully insert the extension support tubes units all the way into the legs until the large sleeve tabs 'snap' and 'lock' into the leg slots. Check operation by adjusting support tubes up and down. Replace wingbolts and tighten well.

## Replacement Parts

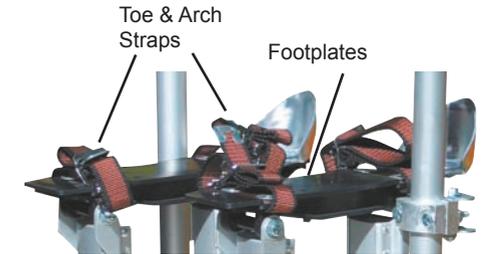
1. All working parts are replacable or serviceable. Before contacting us determine the appropriate model and size and then using the attached parts list determine the needed part number. Always use ONLY genuine parts.

# Assembly Instructions

## Straps, Buckles & Spring Adjustments

1. Ensuring both the toe and arch straps are positioned on the same side as the strut tube.

2. Using the safety anchor slot system feed both straps over and through. Secure both straps with the strap plate and fasteners provided. (Note: Footplates are not pre-threaded) When installing fasteners ensure both fasteners and washers are installed straight, so as to not cross thread.



3. Adjust springs to minimum tension. Set Personal Walking Scaffold System to the lowest height setting and tighten wingbolts.

4. After re-stepping the assembly steps to ensure all components have been assembled correctly, readjust the support tube clamps and leg straps until you feel totally balanced and comfortable. You should stand upright on your Personal Walking Scaffold System so that neither leg tilts in or out.



N.B Should your Personal Walking Scaffold System height need adjusting, remove wingbolts, align wingbolt holes in the legs and extension upper strut tubes and re-install wingbolts tightening well.

# Individual Personal Walking Scaffold System Customisation

## Balance Adjustment (Lateral)

1. For correct mounting you should feel a slight force against the side of your legs from both the upper strut tubes and legbands. If they pull outward or apply excessive force inwards, dismount and make the appropriate adjustments as indicated prior.



**Remember uncomfortable Personal Walking Scaffolds are not only tiring but may add to the likelihood of workplace accidents.**

# Individual Personal Walking Scaffold System Customisation

## Straps Adjustments

1. Before mounting, always attach leg straps before feet fasteners. Before dismounting unbuckle leg straps after unbuckling foot straps.

2. Carefully chose a clear and safe area before attempting initial mounting. If needed request the help of a co-worker to ensure your safety comes first.

3. Using a normal standing position as you would with legs comfortably apart gain your balance before attempting a full-mount. Re-adjust height as previously indicated until your legs are straight and comfortable.

## Balance Adjustment (Horizontal)

1. Once mounted, ensure that your in a neutral and vertical position. If you feel as if your position is not enabling you to stand erect, make the appropriate adjustment after dismounting.

2. If, when mounted you lean forward, readjust the tube clamps and adjust the legbands and strut tubes towards the rear and tighten. This adjustment is designed to ensure both forward and backward balance is correct. If this adjustment requires that the legbands be rotated to where it is uncomfortable, the mounted shoes should be relocated, or the heel brackets be adjusted in the same direction as the needed rotation.