

# Wheeled Henschman 55, 75, 76

## User Manual

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### Section 1

#### Safety Guide

1. Always use the guard rails when working on the platform.
2. Keep your tools in the baskets, if you have one, and not on the platform where you can trip over them. Keep the platform free of rubbish.
3. Do not move the HENCHMAN with any person or heavy tools on the raised platform.
4. Secure the legs in the required position by tightening the leg handles hand tight – and check every time before mounting.
5. Do not allow children to climb on or play on the raised platform.
6. ALWAYS secure the diagonal bracing bars in position using 10mm wing nuts when working on the platform.
7. Access to the platform:
  - Always secure platform with all four feet down.
  - Side access by ladder (up to 6'). Point feet outwards, position the ladder next to and touching the end frame. Pull up with your hand on the end frame. Only use the ladder for side access on level and firm ground. Ladder safety advice should be adhered to.
  - Alternatively access the platform by climbing up the end frame at the non handle end. Always check that the legs are secure and the platform is level before climbing up onto your henschman.
  - End access with Height Extender. The stabiliser legs must be at 45° at both ends.
8. Keep the feet pointing outwards ideally at 45° angle to optimise stability, or downhill if working on a slope.
9. Do not overload the HENCHMAN: Platform 350 kg distributed weight  
Ladder 95 kg
10. Never suspend the platform from the H bar, only on the end frame.
11. Always inspect the HENCHMAN for damage before each use.

### Section 2

#### Bag Contents

##### Content of Bags found in the Wheel Package

###### Bag 1

- 2 x Short Spacers
- 2 x Large R Clips
- 2 x Wheel Washers

###### Bag 2

- 1 x 12 mm Large Pin
- 8 x 10 mm Small Pins
- 9 x Small R Clips
- 8 x 10 mm Wing Nuts
- 16 x 10 mm Washers

###### Bag 3

- 4 x Leg Handles (Greased)
- 4 x Shouldered Nuts

##### Content of Bags for Height Extender

###### Bag 1

- 8 x 10 mm Small Pins
- 8 x Small R Clips
- 4 x 10 mm Wing Nuts
- 4 x 10 mm Washers

###### Bag 2

- 2 x Large Butterfly Nuts
- 2 x 10 mm Washers

###### Bag 3

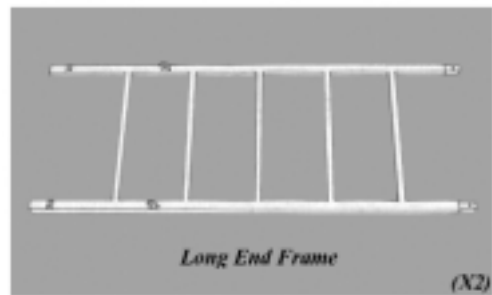
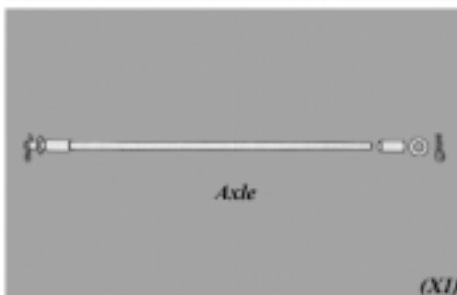
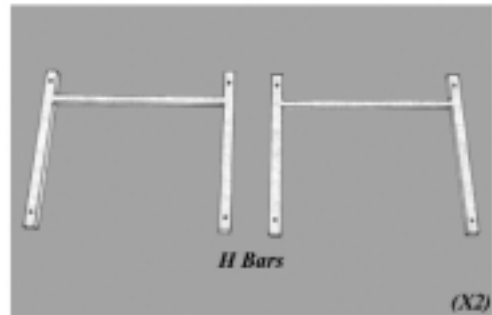
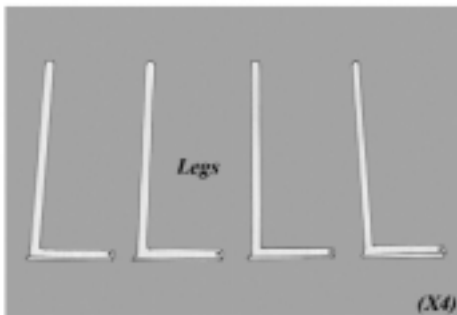
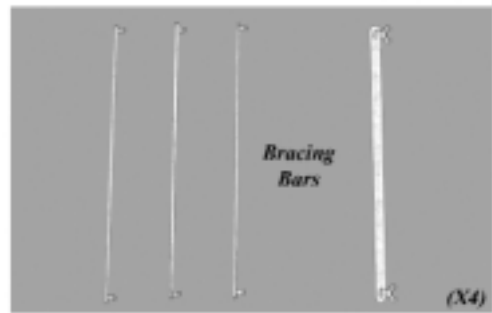
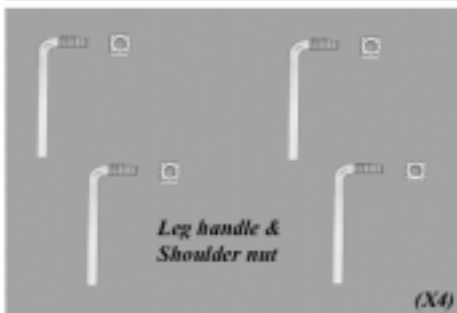
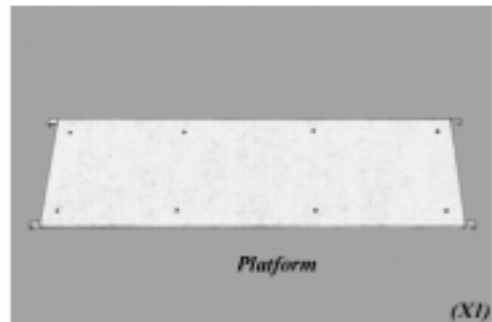
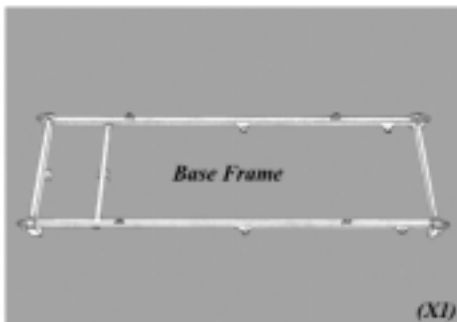
- 4 x Leg Handles (Greased)
- 4 x Shouldered Nuts

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#### Section 3

Parts Description (Applies to Wheeled Henschman 55,75, 76. Wheeled Henschman 76 + Extender has been used for illustrations.)

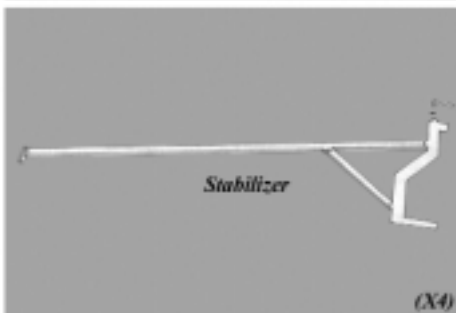
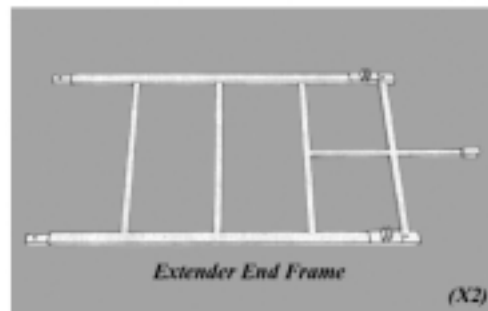
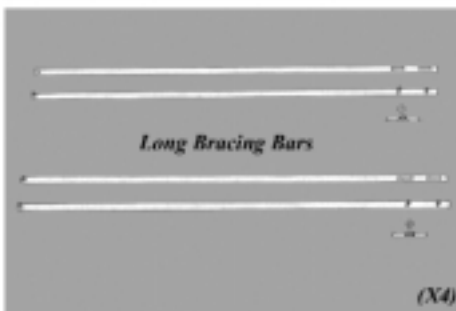
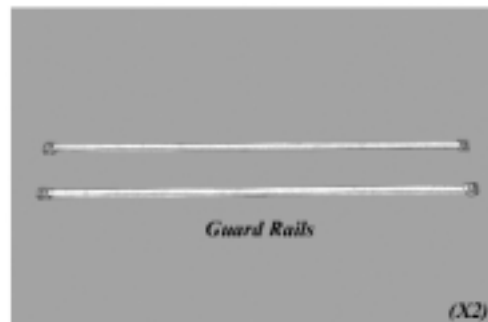


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#### Section 3

#### Parts Description (Continued)



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#### Section 4 Assembly

**Note:** If you have ordered a Height Extender, we suggest you put its two packages to one side for later. They are:

- Two end frame extensions
- Four long stabilisers, recognisable by the triangular frame at the bottom.

1. Lay the base frame on a hard floor with the four small circular securing lugs pointing upwards. Insert the 4 legs into the tubular sleeves at each corner. Grease the threads of the leg handles. Place the handle nut in the small slot at each corner with the shouldered side of the nut facing the handle. Turn the handles to tighten hand tight with the legs well extended, so that the base frame is standing on its legs well clear of the floor.
2. Insert the push handle into the 2 square brackets at the end of the base frame and secure with large 12mm pin and small R clip.
3. Slide the axle through the sleeves at the centre of the base frame. Ensure the axle ends are well greased. Assemble the wheels on each axle end in this order:
  - Spacer
  - Wheel with inflating nozzle on outside
  - Washer
  - Large R clipSpin the wheel to ensure smooth running. Then raise the legs at the non-handle end, to let the HENCHMAN stand on its wheels.
4. Place the end frames into the square socket at each end of the base frame and lower until the stop lug on the end frame rests on the base frame. The circular securing lugs should point inwards. Place the 4 bracing bars into the circular lugs and secure with 10mm wing nuts on the inside.
5. Place the H bar on top of each end frame and secure with two 10mm pins and two small R clips. Place the long guard rail onto the tops of the H bars.
6. Place the working platform onto the cross rails of each end frame at the height required.

#### Section 5 Maintenance

The mild steel framework of the HENCHMAN has been hot dipped galvanised to withstand not only the weather, but also the hard use to which the HENCHMAN will be put. Leg handles, bracing bars, pins and clips are electro-plated.

If space is available, keep the HENCHMAN under cover. Remember the HENCHMAN can be dismantled in minutes to hang on a wall, or be stored in a garage.

**Axle Ends** Keep well greased.

**Wheels** a) Maintain pressure of 42 psi  
b) Regularly grease the bore.

**Platforms** a) Store under cover.  
b) Periodically ensure the securing nuts are tight.

**Rust Prevention** Should any part be bruised by heavy usage, and as a result the metal be exposed beneath the galvanising – treat with rust preventive sealer. Galvafruid is recommended and can be purchased from Haygate Engineering Co. Ltd.

**Leg Handles** a) Keep the threads of handle and nut well greased on both HENCHMAN and Height Extender.  
b) Do NOT retract the leg handles right through the nut, to prevent damage to the threads. This is commonly done by constant over tightening of leg handles.

**Frequently check all parts for damage.**

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### Section 6

### User Guide

#### To use as a working platform

Either: Keep the axle and wheels central for the whole job. Therefore lighter to push. You need to let down and secure legs for stability before mounting platform each time. Always ensure the platform is level before mounting.

Or: Locate axle and wheels in end position with rear legs fully raised. Your personal ease and comfort for pushing will help you decide.

#### To change the axle position

Let down the legs so that the wheels are off the ground. Remove R clip, washer, wheel and spacer at one end of the axle. Pull the wheel with the axle out from the other end, and re-assemble in the other axle position. Raise the legs.

#### To change height of guard rails

The long guard rails can be set at different heights dependent on the height of the platform:

- The hedge side guard rail should be set at 75cm or 1m at your preference. The non-hedge side guard rail should be set at 1m.
- The H bars can be inverted and the guard rails re-set as above when the platform is set at a lower level.
- The H bars can be removed and the guard rails set on the end rails when the platform is lowered further.

#### To use on sloping ground

Adjust each leg individually so that the working platform remains level. Turn the legs so that the feet are down the slope.

Tighten each leg properly, making sure the leg handles are hand tight.

#### To use with garden tractor

Replace the push handle with the draw bar and secure with the same large 12mm pin and small R clip. Raise the legs to the maximum, with feet pointing inwards. The axle can be in central or end position to suit the height of the connection on the tractor.

#### To use as a flat bed load carrier

Place the platform onto the base frame to provide a floor. Depending on the load, you can keep the end frames in position (with or without bracing bars) or leave them off. You will not need the guard rails, or H bars. The axle should be in the CENTRE position, to balance the load for ease of pushing.

#### To use with mesh sides

Keep the end frames in position, but remove the guard rails and H bar. If the load is heavy, use the bracing bars. Clip the short mesh sides onto the outside or the inside (if the load is heavy) of the end frames. Then the long sides with their bottom legs tucked between base frame and platform. Leaving one mesh side off will make loading easier.

#### The baskets

Clip the baskets to the outside of the end frames onto any one of the cross rails, except the one where the working platform is suspended, to suit your working height.

#### To use the Hangbag

Hang the Hangbag inside the HENCHMAN from the 4' level. The hooks thread through both eyelets with ends pointing down, and the rubber sleeves slipped on the ends.

The Hangbag is wide enough for the nearside to be hung at 3' for ease of loading.

For heavy loads, you can keep the bracing bars in position and/or put the platform inside the base frame.

To unload:

Either: Unhook completely and turn over;

Or: Unhook the rearside and turn over with the nearside Still hooked on.

#### To use the Hood

Position the H bars with short arms upwards. Place the guard rails. Tie the four "socks" to each top corner.

Put the platform inside the base frame, and stand on it to ease the hood over the H bar and guard rails.

Park the HENCHMAN with the hood against a wall or hedge to minimise wind pressure.

#### Kickboards

If you are using your Henschman for a building/construction application, you may be required to use a kickboard under the Working at Height Regulations. They are fitted as follows:

- The side kickboards are fitted inside the bracing bars resting on the deeper lip pointing into the Henschman. The narrower lip (top) is pointing outwards. They are secured to each of the corner uprights of the end frames.
- The end kickboards fit inside the end frame and hook over the side kickboards with the lip (top) facing inwards.

#### Jockey Wheels

The Jockey Wheels are designed to keep the HENCHMAN level when moving across steep sloping ground. They are fitted as follows:

- Attach the jaw of the jockey wheel clamp to the side of the base frame, facing down the slope.
- Drop the bolt behind the steel of the base frame, through the holes on the clamp and tighten.

#### Storing Henschman

If your Henschman is kept outside and erected, we suggest you take a wheel off to deter burglars from being tempted. Drop all four legs so the weight is taken off the wheels.

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### Section 7

### The Henschman Height Extender

#### Assembly

1. Start with the HENCHMAN fully assembled and wheels in the central position. Remove the guard rails and H bars. Lower all 4 legs to the ground.
2. Place the end frame extensions onto the end frames, making sure the central bar with the jaw on the end is facing downwards with the circular lugs facing inwards. Secure with 10mm pins and R clips.
3. One by one, position the stabilisers at each corner. Firstly, insert the nut into the slot on the leg sleeve of the stabiliser and wind in the greased handle. Then take each leg out of the HENCHMAN baseframe and put it into the leg sleeve of the stabiliser. The legs slip out more easily if you allow the HENCHMAN to rock fully across the axle. The stabiliser's bottom finger goes into the baseframe's leg sleeve. The holed tongue at the top of the stabiliser fits inside the jaws of the end frame extension. Secure with 10mm pin and R clip. Position each stabiliser at approx. 45° to prevent movement while you put the platform up. Tighten the two leg handles hand tight at each corner.
4. Remove two of the standard bracing bars, from opposite corner, and replace with the new long bracing bars. These stretch from the circular lug on the base frame to the circular lug on the end frame extension. Pull inwards on each long bracing bar and tighten with the butterfly wing nut. Small washer inside each greased wing nut.
5. Climb up each end to put the H bar on top of the end frame extension. Secure with pin and R clip. Put the guard rails in place.

#### Raising the Platform

6. Raising the platform to the 6' or 7' or 8' positions inside the Height Extender can be accomplished by one person, as on the standard HENCHMAN. Stand inside the HENCHMAN holding the platform vertically with the non-slip surface towards you. Lift and push the top end of the platform on to and through the required height bar. Hold the other end of the platform high, turn round and gently slide this end on to the required bar until the hooks engage. Pull the braced end frames outwards until the hooks at both ends engage.

However, raising the platform above 6' can be difficult for those who find the platform heavy (especially the 7' platform). In this case we advise that the platform is raised by two people, one at each end, and both inside the HENCHMAN.

Remember you can gain height by standing on a board placed across the base frame. We recommend that an extra platform or strong plank be used to gain height when positioning the platform at 9' or 10'.

7. Be sure that:
  - the long bracing bars are tight;
  - you know how to adjust the legs in the stabilisers and how to tighten the stabiliser in the leg sleeve of the base frame.
8. We suggest you keep the wheels in the central position, for ease of manoeuvring the HENCHMAN with the added weight of the Height Extender.
9. The stabilisers swing inside the line of the HENCHMAN for pushing along narrow paths or through garden gates.
10. The weight of the HENCHMAN should be even on the 4 legs in the stabilisers before you climb up – i.e. not rocking on the centre wheels. To do this, lift the stabilisers a little as you tighten the leg handle. Do this to each one. This takes most of the weight off the wheels and ensures firm stability.
11. Mounting the platform above 6' is by end access.
  - Either: Climb up the outside of the end frame;
  - Or: Place the aluminium ladder at the handle end – with the handle holds securing the ladder, and ascend on the ladder and then on the end frame. Only use the aluminium ladder on level and firm ground. Ladder safety advice should be adhered to.

In BOTH CASES the stabiliser legs should be at 45° with feet down and secured to prevent the HENCHMAN moving.
12. If you need to push or pull the HENCHMAN across ground that slopes significantly you should not have the platform mounted within the Height Extender. When the platform is up high, the centre of gravity goes up with it, and increases the possibility of toppling on sloping ground when all the weight is on the wheels and not on the stabiliser legs. The platform can of course be carried within the base frame in these conditions. Jockey wheels are available for support in extreme cases.
13. Do NOT retract the handles right through the nuts, to prevent damage to the threads.