



# ***User and Assembly Manual***

## ***Saw Horse with Chainsaw Holder***

# ***MITOX***<sup>®</sup>

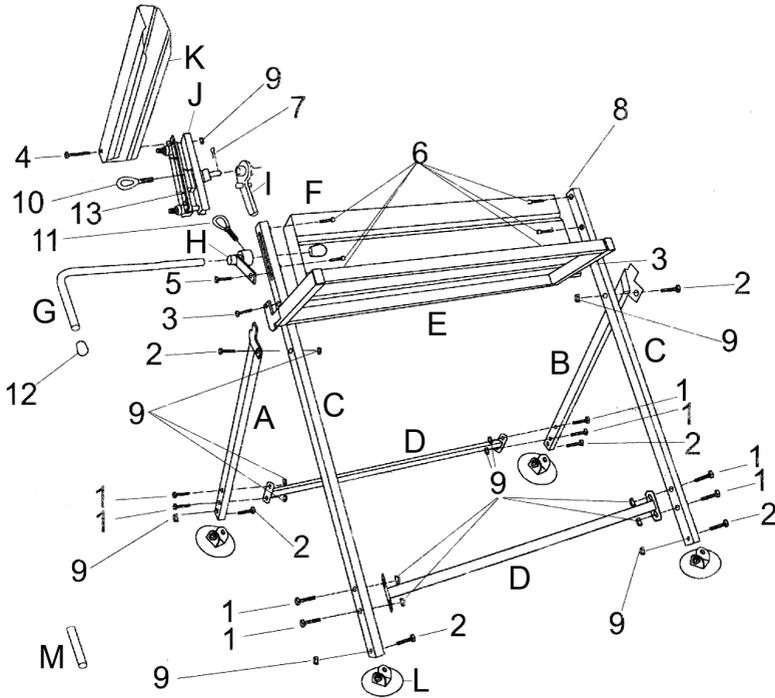


Thank you for purchasing this Mitox Saw Horse, we trust that you will be very happy with your purchase.

Before you begin the assembly process, we recommend that you take a few minutes to carefully read through this document and make yourself familiar with your saw horse, doing so will assist you when undertaking its assembly, and equally as importantly, provide you with a better understanding of how to use it effectively and safely.

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## Instructions for Assembly



Position	Part	Quantity	Position	Part	Quantity
1	Screw 8x30mm	8	8	Blanking Plate	1
2	Screw 8x35mm	6	9	Nut M8	17
3	Screw 8x45mm	2	10	Eye Bolt 12x30mm	1
4	Screw 8x70mm	1	11	Eye Bolt 10x20mm	1
5	Screw 10x20mm	1	12	End Cap 16mm	2
6	Cap Screw 8x12mm	6	13	Pin 5x10mm	2
7	R Clip 3mm	1			



## **You will require –**

- 1 x 13mm spanner or socket, (not supplied).
- 1 x 15mm spanner or socket, (not supplied).
- 1 x 6mm hex allen key, (this is supplied).
- A clean open space free of obstruction, (this will aid the construction process).

## **Steps –**

- 1.** Attach the fixed position legs, (item C), to plate (item F) using 4 x bolt (item 6). Ensure that the slotted holes are facing outwards.
- 2.** Attach a lower leg brace, (item D), to the assembled legs using 4 x bolt (item 1) and 4 nut (item 9), then secure the feet, (item L), using 1 x bolt (item 2) and 1 x nut (item 9).
- 3.** Attach pivoting legs, (items A + B), to the fixed position legs (item C), using 1 x bolt (item 2) and 1 x nut (item 9).

Note: the guide plate at the top of the pivot leg is on the outside face, then secure the feet, (item L), using 1 x bolt, (item 2), and 1 x nut, (item 9). Ensure the bolts are tight, but still free enough to allow the legs to pivot.

4. Attach pivoting plate, (item E), to the assembled fixed position legs (items C), using 2 x bolt, (item 3), and 2 x nut, (item 9). Ensure the bolts are tight, but still allow the plate to pivot freely.

5. Insert pivot clamp support, (item I), into the top of the fixed leg, (as shown in fig 1), then mount the measuring arm support, (item H), using 1 x bolt, (item 5), then insert the end cap, (item 8), into the top of the other fixed leg.

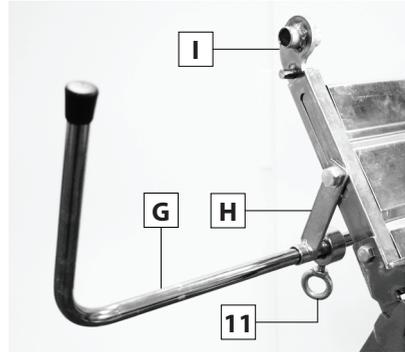
6. Insert the longer bar of the measuring arm, (item G), into the measuring arm support, (item H), insert the eye bolt, (item 11); to secure the arm in place, then attach the measuring arm ends caps, (item 12).

7. Attach the pivot clamp, (item J), to the pivot clamp support, (item I), by inserting clamps pin through the eye of the support, then secure with the r-clip, (item 7), as shown in fig 2.

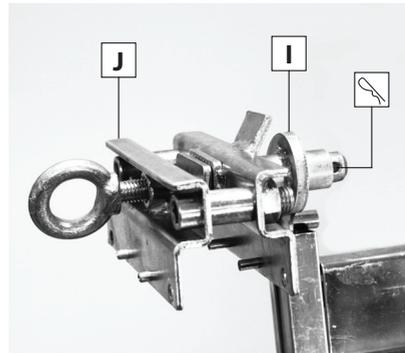
8. Attach the guide bar cover, (item K), to the pivot clamp support, (item J), using 1 x bolt, (item 4), and 1 x nut, (item 9). Ensure the bolt is tight, but still allows the cover to pivot freely.

9. Check that the saw horse is sturdy and that all bolts are tightened.

**Fig. 1**

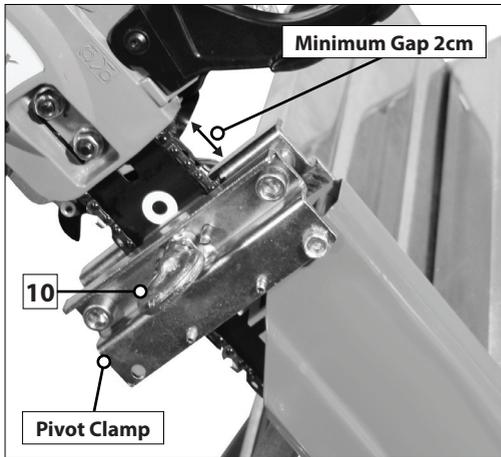


**Fig. 2**



## **Attaching your Chainsaw**

**Fig. 3**



Carefully lower the chainsaw bar into position between the two clamping blocks within the pivot clamp, (item J), ensuring that there is a minimum 2cm gap between the body of the chainsaw and the clamp, (as shown in fig 3). Ensure that the bar is positioned at approximately 90 degrees to the pivot clamp and allows for access to your chainsaws tensioning mechanism before tightening the eyebolt, (item 10).

Insert the tensioning bar, (item M), through the eyebolt, this allows you to apply sufficient pressure to firmly secure your chainsaw in place. Once tightened, test the arc of travel; ensure that the guide bar and chain doesn't make contact with any part of the saw horse.

**Note:** The pivot clamp, (item J), is mounted into a fixed leg with an elongated slot. This slot allows for vertical adjustment for the pivot clamp support; thus accommodating different sized guide bars – the larger the bar, the higher the pivot clamp will need to be placed. Adjust the pivot clamp so that the tip of the guide bar extends beyond the table, this should ensure that the log will be cut completely through.

If you require the logs to be cut to a consistent length, set the measuring arm (item G) in the required position, tightening the eyebolt, (item 11), using the tensioning bar, (item M) - see Fig.1 for details.



## Key points for the safe use of the your saw horse

- Locate the wood on the log table; pushing the end to the measuring rod if required. Hold the wood down firmly with your left hand; ensure that your hand is kept well clear of the cutting edge of the chainsaw, and from the cutting arc of the chainsaw.
- DO NOT exceed the recommend loads this sawhorse is designed for:
  1. Lengths to a maximum of 1.80 mtrs.
  2. A maximum diameter of 25cm
  3. The maximum permissible load on the sawhorse is 120kg.
- The chain guard on this saw horse is designed for chainsaws with a cutting bar not longer than 45cm/18". A chainsaw with a cutting bar longer than 45cm/18" (which protrudes beyond the chain guard) is not recommended.
- Always detach the pivot clamp and guard from the chainsaw when using the separately from the saw horse.
- Ensure the pivot clamp tension eye bolt is fully tensioned using the tensioning bar (item M) and that the chainsaw is fully secured before each use. Check frequently.
- Ensure the pivot clamp and supports are kept well lubricated.
- Ensure that your work area is clear of obstacles and that there are no children or animals near when using this saw horse.
- Always ensure that your saw horse is positioned on a stable level surface, also allowing for your own sure footing.
- We recommend that you check the mechanical condition of your saw horse regularly. Check the tensioning of the screws, replace any parts that shown signs of damage, are worn or missing. Do not use the saw horse until these parts have either been repaired or replaced, as it may not be safe to do so.



- When using your saw horse in conjunction with a chainsaw, allows ensure that appropriate safety clothing is worn. A minimum of Chainsaw Gloves, Chainsaw safety helmet, (complete with face and hearing protection), and protective leggings/trousers are recommended. Steel toe cap shoes and chainsaw safety boots are also advised to protect your feet from falling logs, etc.

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