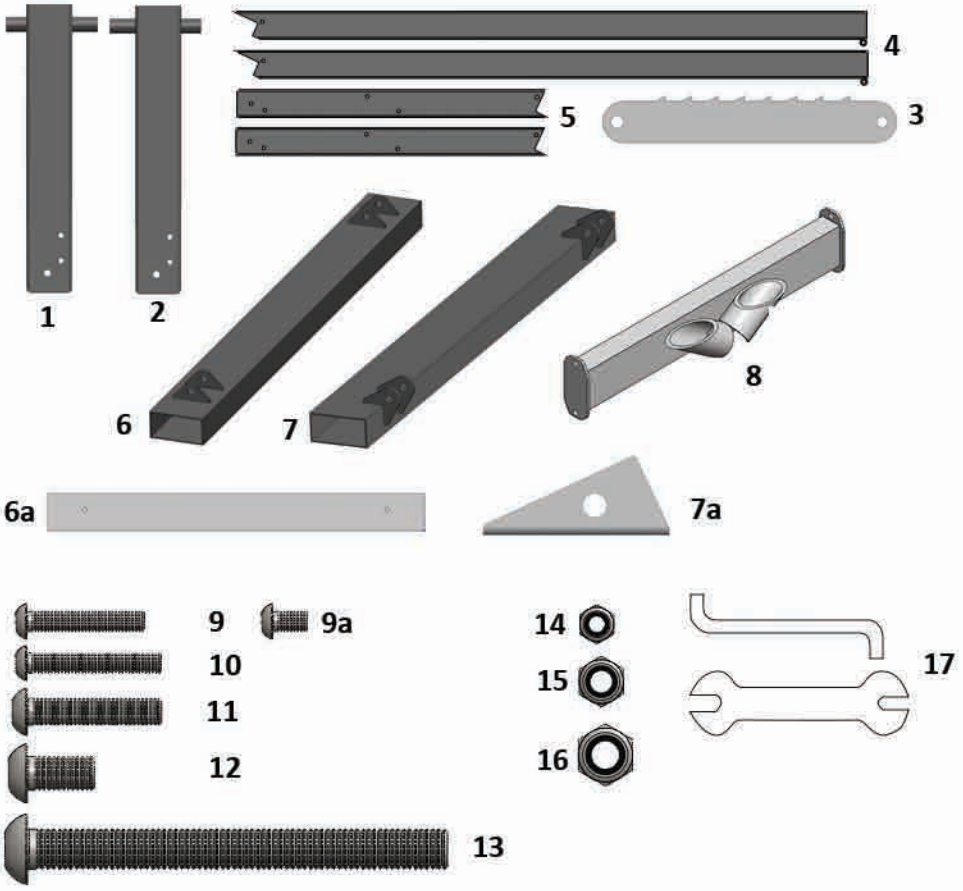
Ultimate Saw Horse

Patented

(and Super Light)

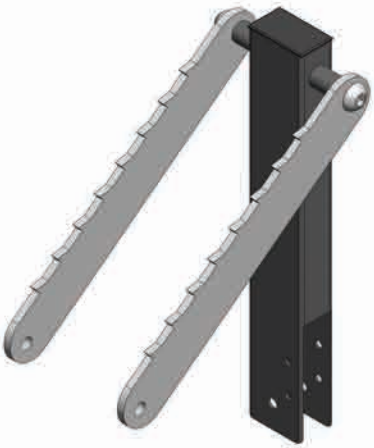
Strong, Efficient, Simple



1	Left Upright	9	M6 x 35mm Bolt x 10
2	Right Upright	10	M6 x 40mm Bolt x 4
3	Pivot Plate x 4	11	M8 x 40mm Bolt x 2
4	Long Leg x 2	12	M10 x 20mm Bolt x 2
5	Short Leg x 2	13	M10 x 125mm Bolt x 2
6	Front Foot	14	M6 nyloc nut x 16
7	Back Foot	15	M8 nyloc nut x 2
6a	Foot (super light)	16	M10 nyloc nut x 4
7a	Butterfly (super light)	17	Tool Kit
8	Brace	18	M6 x 20mm Bolt x 2
9a	M6 x 12mm Bolt x 4 (super light)	19	2 metre chain

A

B



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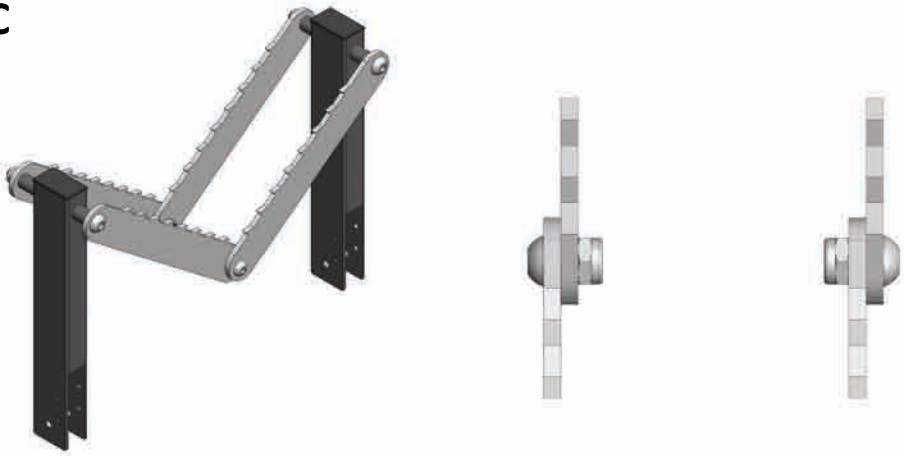

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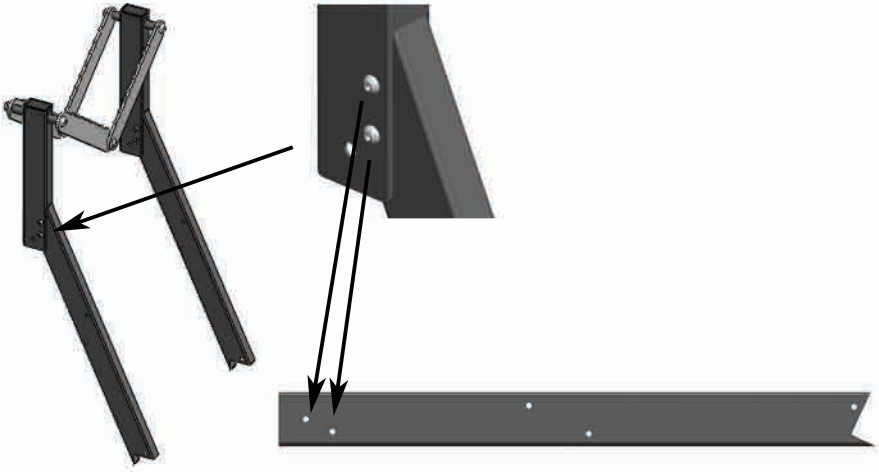

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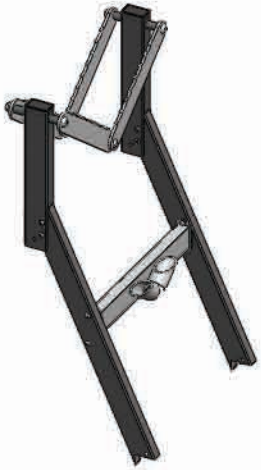

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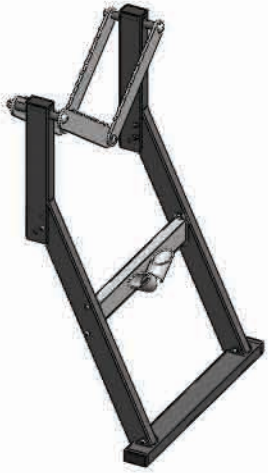
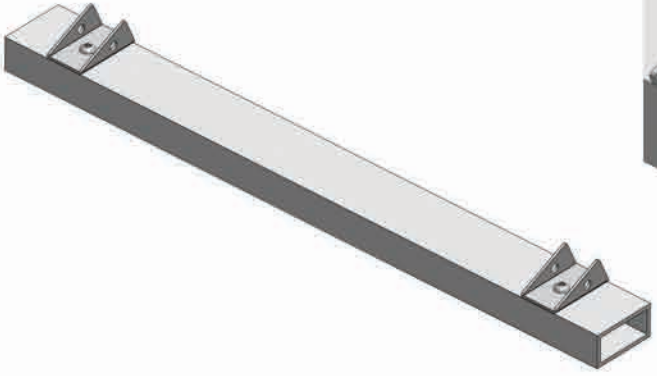
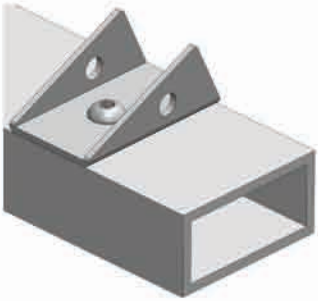


F1





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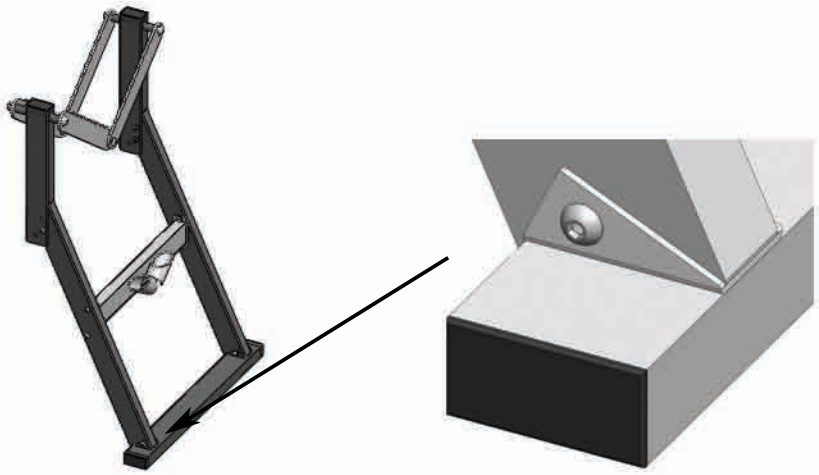

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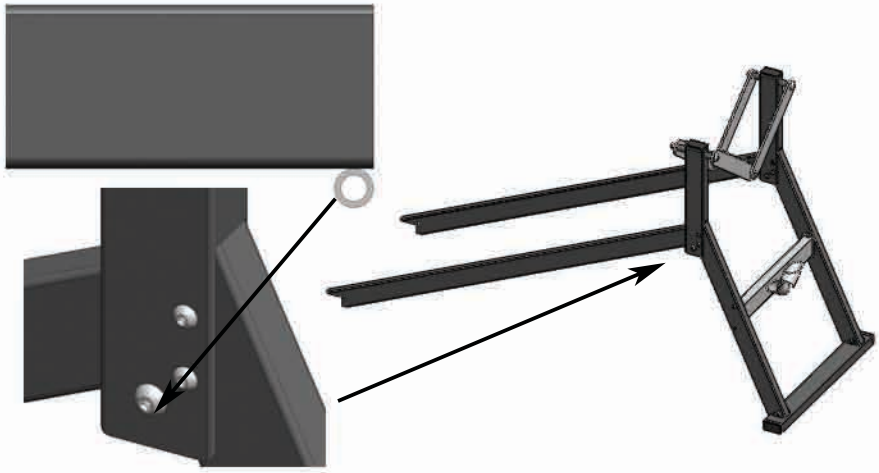

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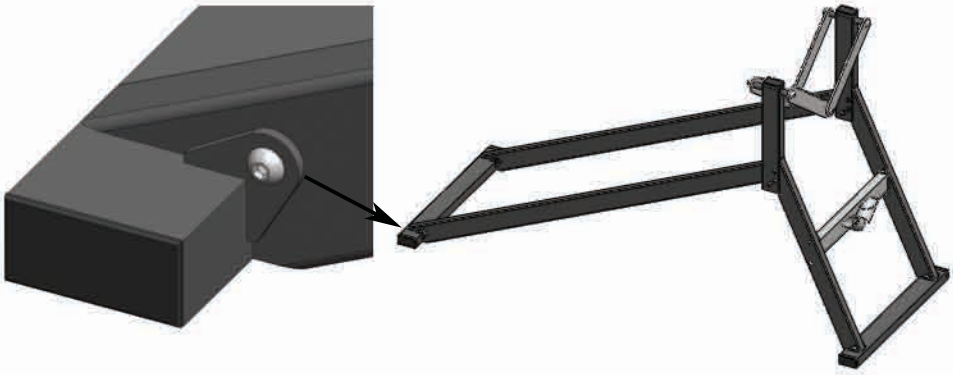
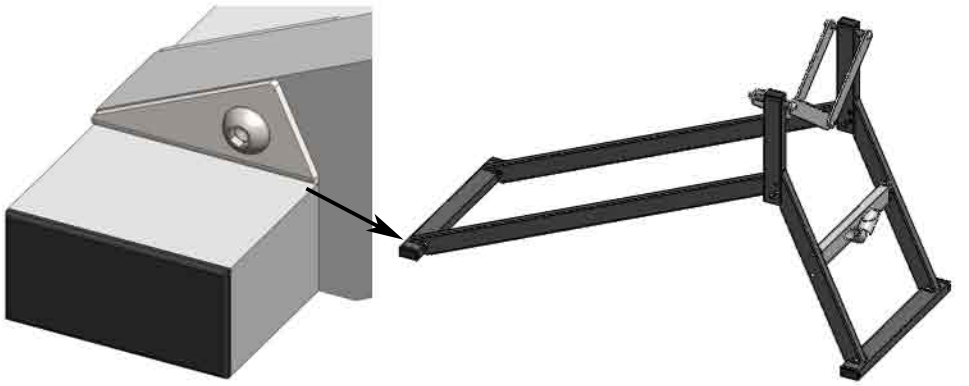


H1



Assembly Instructions

A. Connect the Left Upright (1) and two Pivot Plates (3) using an M10 x 130mm bolt and M10 nut. The Left Upright has the shorter length of the furrel projecting forward of the side adjacent to the two vertical holes.

B. Repeat the procedure with the right upright and the remaining two Pivot Plates.

C. Connect the two upright assemblies together using two M10 x 20mm bolts and two M10 nuts. Ensure that the holes in each upright are aligned so that the pivot plates naturally overlap as shown.

D. Connect a Short Leg (5) to each upright using 2 M6 x 35mm bolts and 2 M6 nuts per leg. The legs are inserted in the slot in the bottom of the uprights and the bolts passed through the 2 vertically aligned holes in each upright and the corresponding holes in the ends of each leg. Ensure the legs are oriented so that they do not block the remaining hole in each upright.

E Connect the Brace (8) between the short legs using 4 M6 x 35mm bolts and 4 M6 nuts. The brace should be oriented so that the 2 V tubes face away from the V blade assembly and the horizontal openings in the tubes face upwards.

F For the Ultimate Saw Horse, connect the Front Foot (6) to the short legs using 2 M6 x 40mm bolts and 2 M6 nuts. The Front Foot has the brackets mounted on the top surface of the foot.

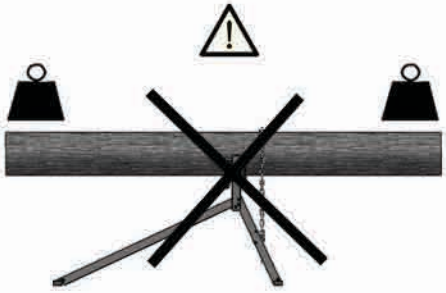
F1 For the Super Light (and some standard models), connect 2 butteflys (7a) to a foot (6a) using 2 M6 x 12mm bolts and 2 M6 nuts. Repeat for the remaining foot and butterflys.

F2 For the Super Liight (and some standard models), connect one of the foot/butterfly assemblies to the short legs using 2 M6 x 40mm bolts and 2 M6 nuts. Ensure the bracket is oriented as shown in the diagram.

G Connect a Long Leg (4) to each upright using an M8 x 40mm bolt and M8 nut per leg. The bolt should pass through the furrel mounted at the end of each leg with the leg oriented so the furrel is on the underside of the leg. After tightening the nut and bolt check that the long legs are free to pivot, otherwise the saw horse will not fold for storage.

H For the Ultimate Saw Horse, attach the Back Foot (6) to the Long Legs using 2 M6 x 40mm bolts and 2 M6 nuts.

H1 For the Super Liight (and some standard models), attach the remaining foot/butterfly assembly to the Long Legs using 2 M6 x 40mm bolts and 2 M6 nuts. Ensure the long edge of the bracket is aligned with the edge of the leg as shown.



1

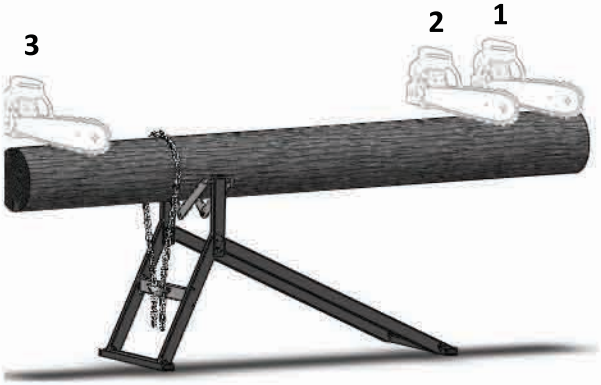
2

3

4

5

6

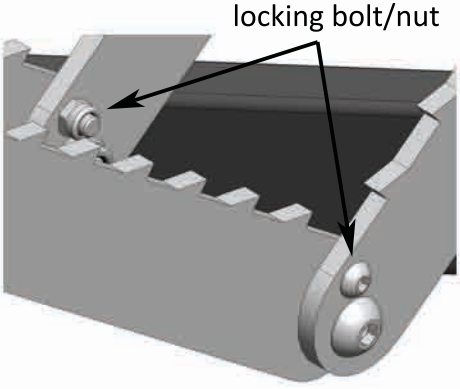


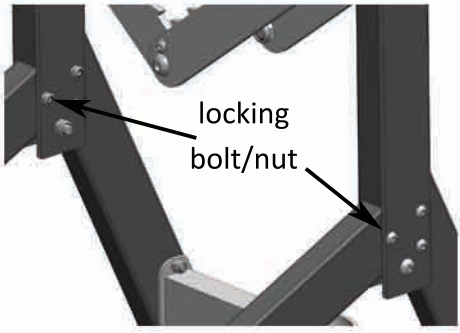
Operating Instructions

- Pivot the long legs so that the legs are open to their maximum extent. Ensure that the saw horse is placed on firm level ground and is stable fig 1.
- For correct use approximately 1/3 of the log length should forward of the V blade support in the direction of the chain strap and 2/3 overhanging the long legs.
- Raise the end of the log and place it in the V blade support so that roughly 1/3 of it's length overhangs the support in the direction of the brace, fig 2.
- Place the chain over the raised end of the log, in line with the chain guides and pass the ends of the chain through the two chain guides. Ensure that the ends of the chain are approximately level, fig 3.
- Push down on the raised end of the log so that the log slopes down slightly in the direction of the brace and ensure that both ends of the chain slide through thr chain guides, fig 4.
- If the chain does not feed freely, remove the downward pressure and adjust the chains location to ensure it is in line with the chain guides.
- Remove the downward pressure on the end of the log so that it pivots in the reverse direction causing the chain to lock in both chain catchers, the log should be approcimately level fig 5.
- The angle of the log can be adjusted by re-applying downward pressure on log and pulling down on the ends of the chain. Always hold the chain by the ends, never close to the chain cuides.
- Check that the log is properly secure and that the saw horse is stable before beginnig to cut
- Note that when working with a very heavy or long log, the weight of the log is sufficient to securely locate it in the "V blades". DO NOT apply downward pressure to the longer overhanging end of the log as this may result in damage to the log holder.
- Always begin by cutting the initial few logs from the long overhanging end and then cut from the short overhang, otherwise the log holder may tip, Always cut successive logs in a sequence that maintains approximately 1/3 of the length in way of the chain and 2/3 in way of the long legs, fig 6.

Safety Precautions

- Read this manual fully before assembly and use and observe all safety precautions. Keep this manual safe for future reference. Non-observance of safety precautions may result in injury.
- Before using the saw horse make sure it is properly assembled and all nuts and bolts are secure.
- When cutting large heavy logs, always add the M6 x 20mm locking bolts and nuts to the “V Blade” pairs and the M6 x 35 locking bolts and nuts through the uprights and the long legs, as shown below.
- Use the saw horse on firm level ground only. Do not use on sloping or uneven ground.
- After placing a log in the saw horse check the stability and balance before commencing to cut. The saw horse must not tilt.
- Read and observe the operating instructions of the chainsaw you are using.
- Only cut with the bottom of the chainsaw bar as the log may otherwise shift away from the rotating chain, become unstable and increase the risk of personal injury.





Technical Specification

- Minimum log diameter 25mm
- Maximum log diameter 360mm
- Maximum log length 5 metres
- Height 750mm
- Length 1300mm
- Width 500mm
- Weight 11.5kg USH / 9kg USHSL

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