

# CLARKE<sup>®</sup>

## weld



## FOLDING WELDING TABLE

MODEL NO: CFWT150

PART NO: 8134142

## ASSEMBLY INSTRUCTIONS

ORIGINAL INSTRUCTIONS

GC 11/25

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## INTRODUCTION

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Thank you for purchasing this CLARKE welding table.

Before attempting to use this product, please read this manual thoroughly and follow the instructions carefully. In doing so you will ensure the safety of yourself and that of others around you and you can look forward to your purchase giving you long and satisfactory service.

Please keep these instructions in a safe place for future reference.

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## SPECIFICATIONS

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Product Description	Folding Welding Table
Part Number	8134142
Weight	15.2 kg
Maximum Load Weight	150 kg
Measurement (L x W x H)	807 x 655 x 735-860 mm
Working Area	510 mm x 760 mm
Working height	735-860 mm

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## GUARANTEE

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This product is guaranteed against faulty manufacture for a period of 12 months from the date of purchase. Please keep your receipt which will be required as proof of purchase.

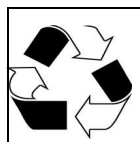
This guarantee is invalid if the product is found to have been abused or tampered with in any way, or not used for the purpose for which it was intended.

Faulty goods should be returned to their place of purchase. No product can be returned to us without prior permission. This guarantee does not effect your statutory rights.

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## ENVIRONMENTAL PROTECTION

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**DO NOT** dispose of old products or damaged parts with general household waste. All tools, accessories and packaging no longer required should be sorted, taken to a recycling centre and disposed of appropriately.

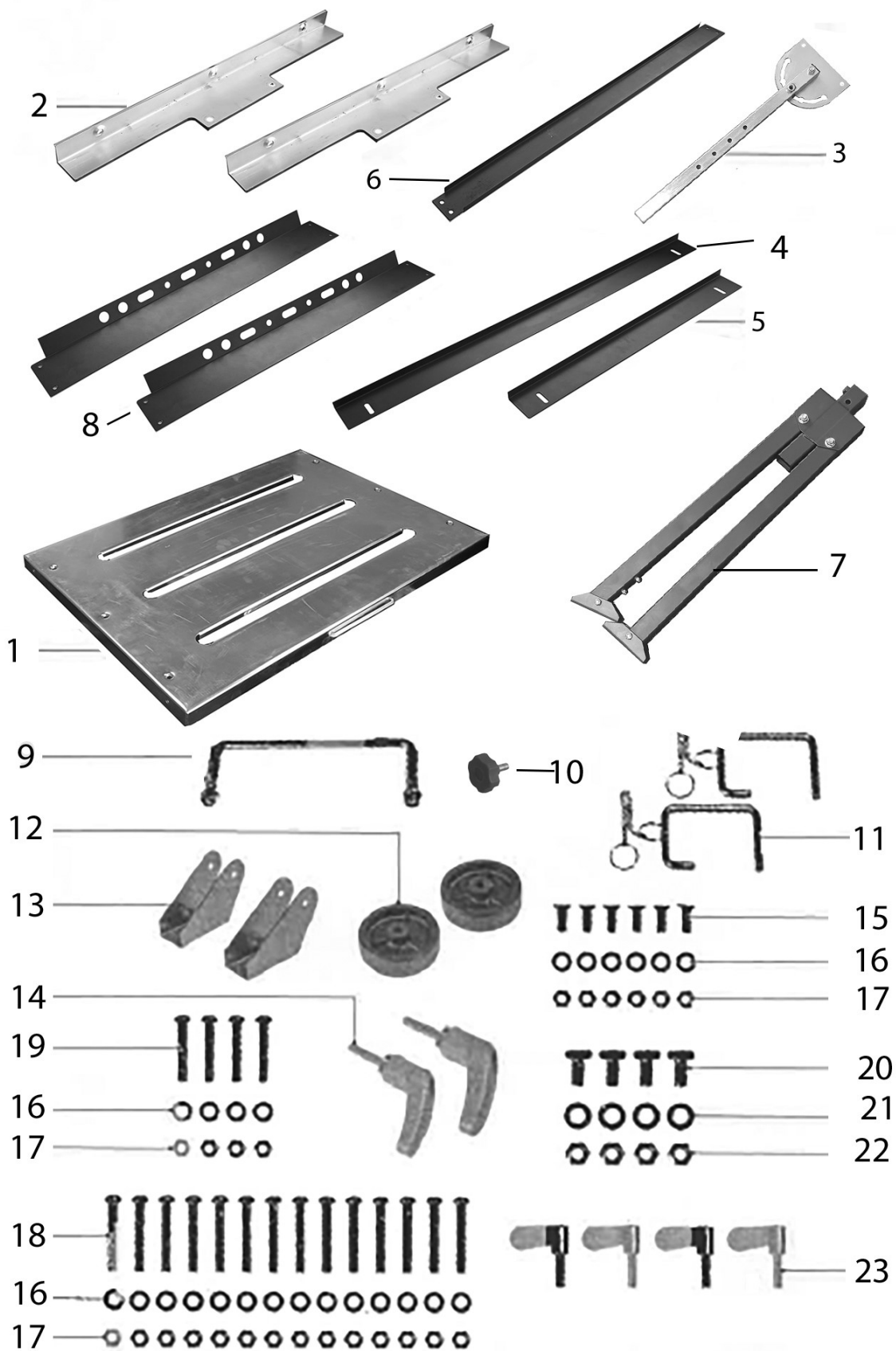
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## SAFETY

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1. Ensure that this user manual is read and understood by everybody that will be using this welding table.
2. Take care when placing a load on to the table. It should be placed gently so that the strain is taken up gradually.
3. **NEVER** exceed the maximum load weight (see specification).
4. **ALWAYS** ensure you are working on a firm flat stable surface.
5. **DO NOT** mount/directly attach power tools on to the table.
6. **NEVER** stand on the table.
7. Position a heavy workpiece in the centre of the table to avoid the chance of tipping over.
8. **DO NOT** use excessive force when extending or retracting the legs as this may damage them.
9. Make sure the legs are locked into position and stable before use.
10. **AVOID** storing the table outside or in humid environments.
11. Regularly check that the casters rotate freely and the legs work correctly. If there are any movement problems or damage, **DO NOT** use.
12. Before use, check that the safety latch is inserted and that the locking screw and adjusting handles are tightened properly.
13. During welding operations wear appropriate personal protective equipment and follow all safety procedures for welding workstations.
14. **ALWAYS** be aware of fire hazards associated with welding.

# COMPONENT INVENTORY



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No	DESCRIPTION	QTY
1	Worktop	1
2	Mounting Rail	2
3	Supporting column	2
4	Parallel Guide (long)	1
5	Parallel Guide (short)	1
6	Upper Cross Brace	1
7	Hinged leg with feet	2
8	Leg Cross Brace	2
9	Handle assembly inc nuts, washers & springs	1
10	Locking knob	2
11	Safety latches	2
12	Transport Rollers	2

No	DESCRIPTION	QTY
13	Roller bracket	2
14	Adjusting Handle	2
15	Countersunk screw	6
16	Washer	24
17	Nut	26
18	Machine screw (long)	14
19	Machine screw (short)	4
20	Bolt (large)	4
21	Washer (large)	4
22	Nut (large)	4
23	Wing Screw	4

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## ASSEMBLY

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### TOOLS REQUIRED

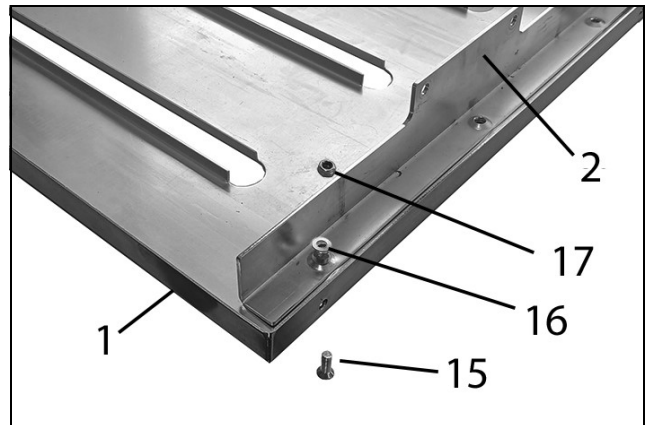
The following tools will be required for assembly (not included)

- Ring/open spanner size 10
- Ring/open spanner size 13
- Ring/open spanner size 14

## MOUNTING RAILS

Use a cross-head screwdriver and a size 10 spanner.

1. Place the table top on a flat surface.
2. Align the mounting rail (2) with the corresponding bolt holes of the worktop (1).
  - Ensure the open edge of the mounting rail faces outwards.
3. Insert the countersunk screw (15) through the worktop and the mounting rail.

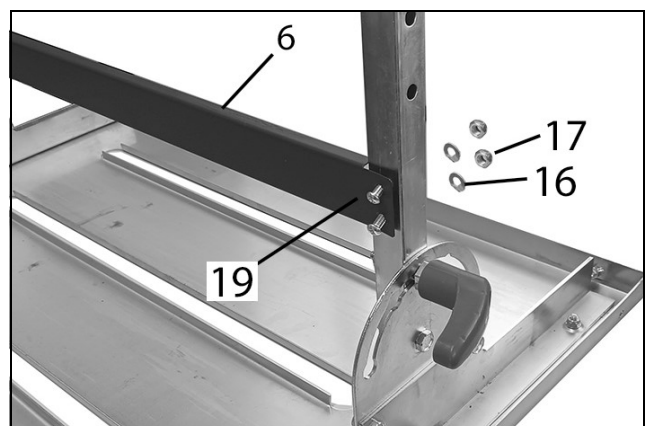
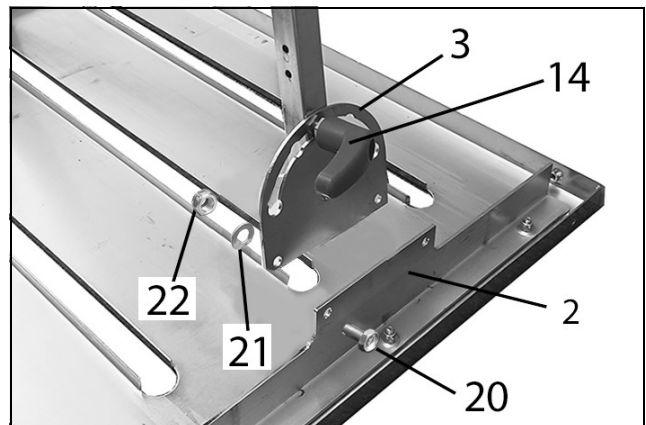


4. Fit the washer (16) over the screw and secure the nut (17) at all three locations.
5. Repeat with the other mounting rail.

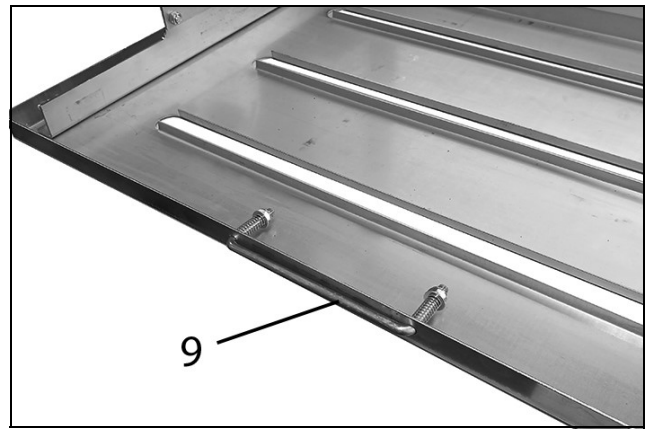
## COLUMNS & UPPER FRAME

Use a Philips screwdriver and size 10, 13 & 14 spanners

1. Screw the adjustment handles (14) onto the sides of the mounting columns.
2. Align the supporting column (3) at 90 deg to the table and tighten the adjustment handle clockwise.
3. Align the supporting column with the corresponding holes of the mounting rail.
  - Ensure the column is on the inside.
4. Insert the large bolt (20) through the mounting rails.
5. Fit the washer (21) over the screw and secure the nut (22).
6. Repeat with the other components at the other side of the worktop.
7. Add the cross brace (6), using the 4 x shorter machine screws (19), washers and nuts to secure it between the supporting columns.

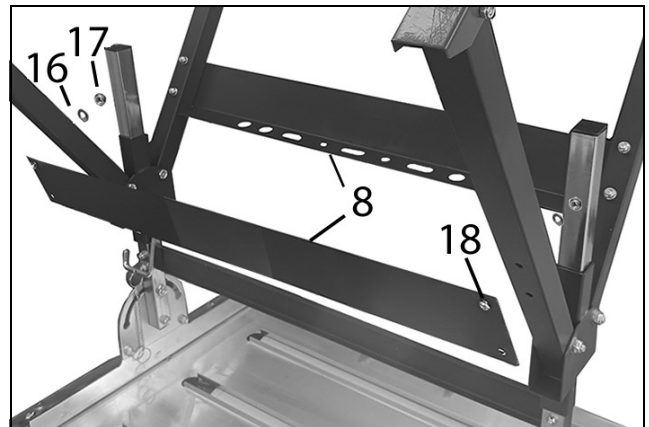


8. Fit the side handle (9) to the table top, securing with the springs, washers and nuts as shown.

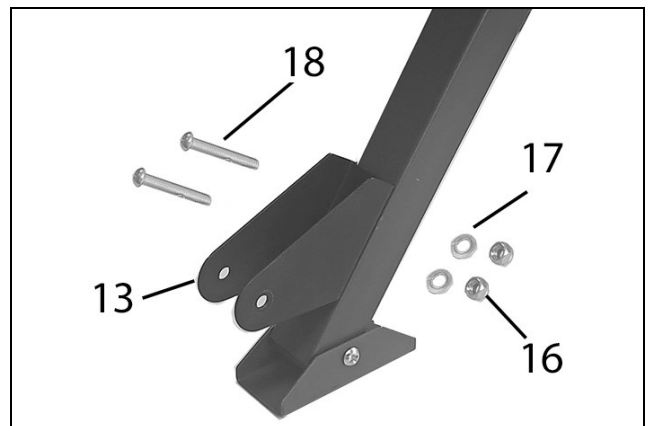


## LEG ASSEMBLIES

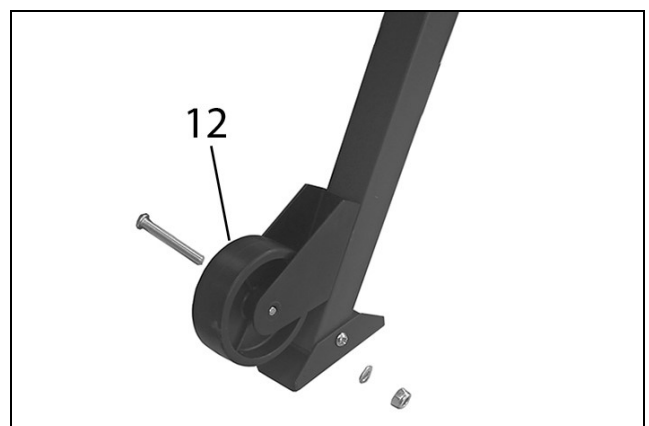
9. Take the two leg assemblies (7) and slide them onto the columns. Note that both the threaded attachment points should be on the same side in order to receive the cross braces (8) at the next step.
10. Add the cross braces (8), attaching them to the leg assemblies using the longer machine screws (18), washers (16) and nuts (17).



11. Add the roller mounting brackets (13) to the legs using bolts (18), washers (17) and nuts (16), noting that the wheels should be positioned nearest the end of the leg as shown.



12. Install the wheels (12) using a single machine screw, washer and locknut. DO NOT overtighten.

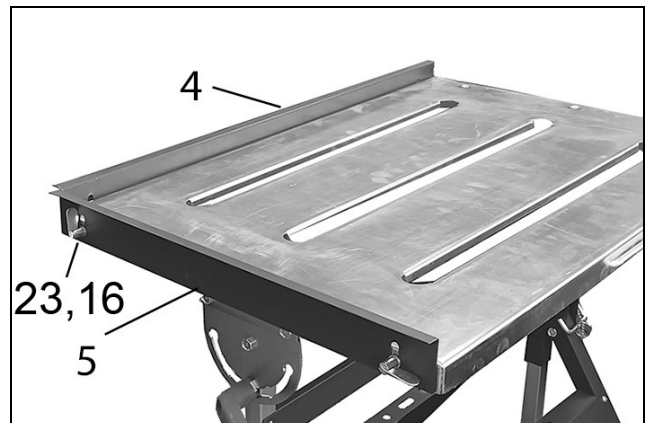
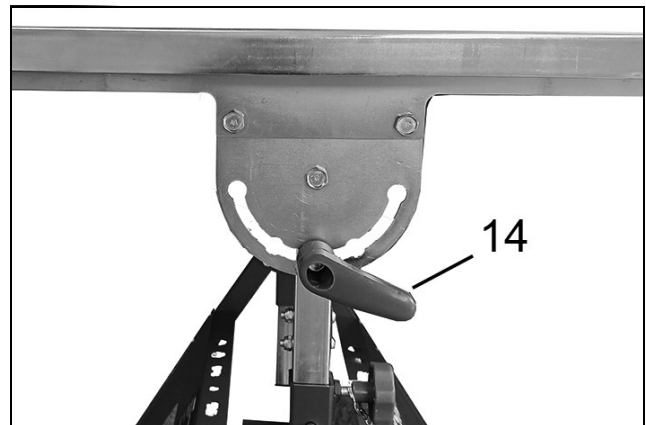
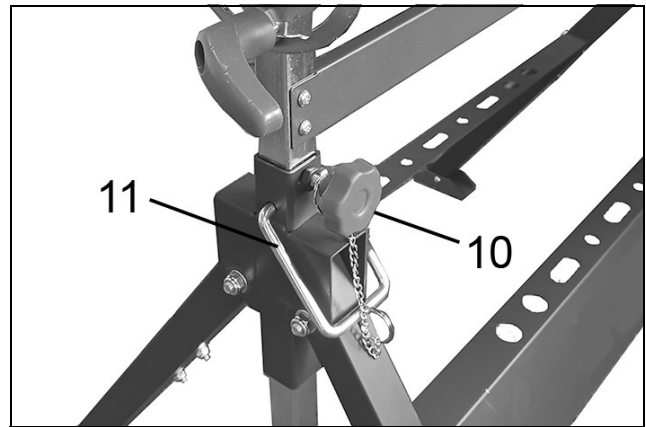


13. With the weight of the table supported, insert the safety latches (11) through the corresponding holes in the frame.

14. Add the column locking knobs (10) by screwing them into the leg assemblies and tighten as required to set the column height. Use the locking knobs (10) to capture the securing chains of the safety latches.

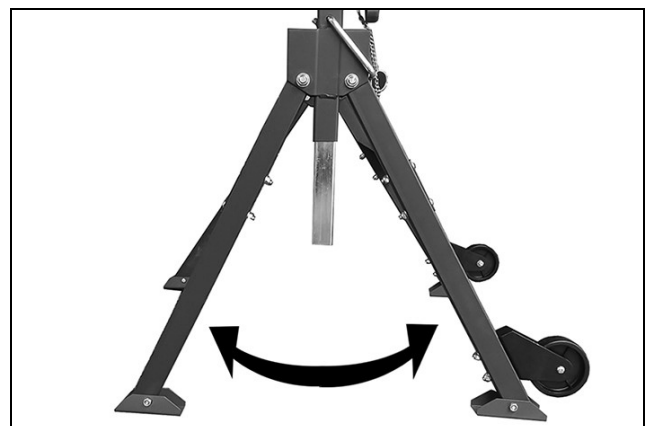
15. Set the table in a horizontal position using the locking handles (14) ensuring they are engaged in the correct position in the columns.

16. Attach the long (4) and short (5) parallel guides to the table top using the wing screws (23) with four remaining washers (16).



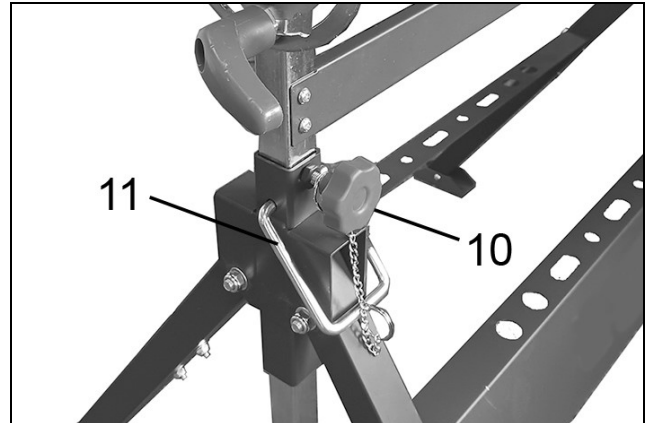
## OPENING/CLOSING THE TABLE

17. When opening/closing the welding table, push the two supporting legs apart and make sure that they are always opened completely. To close press the support legs together.



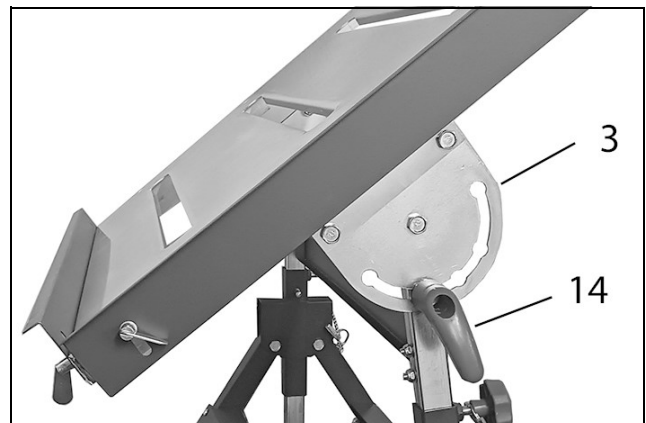
## ADJUSTING THE WORKING HEIGHT

1. Turn the locking screw (10) anti-clockwise to release.
2. Pull the safety latches (11) out of the right and left columns.
3. Raise or lower the upper frame and take care to select a suitable working height at which the holes of the column and leg assemblies line up.
4. Insert the locking safety latches (11) back through the holes in the columns and leg assemblies.
5. Tighten the locking screws (10) on each side by hand to secure the table in position.



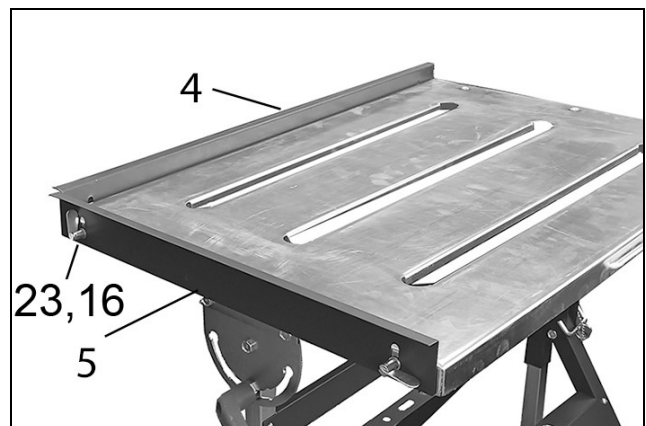
## SETTING THE WORK TABLE AT AN ANGLE

1. Turn the adjustment handles (14) at each end of the table anti-clockwise to release.
2. Tilt the bench top forward or backward to the angle required.
3. Lock the worktop so that the screw of the adjustment handle aligns with one of the notches in the quadrant at the top of the column (3).
4. Tighten the adjustment handles clockwise.



## ADJUSTING THE PARALLEL GUIDES

1. The parallel guides (4 & 5) are used to position the workpiece quickly and easily on the worktop.
2. The guides can be moved up and down by turning the locking screws (23) anti-clockwise to release at both end points and clockwise to tighten.



## CLAMPING THE WORKPIECE

The worktop allows you to clamp your workpiece using the longitudinal slots (clamps not included)

**ALWAYS** follow the manufacturers safety instructions when using clamps. **ALWAYS** check the suitability of clamps for the task in hand.

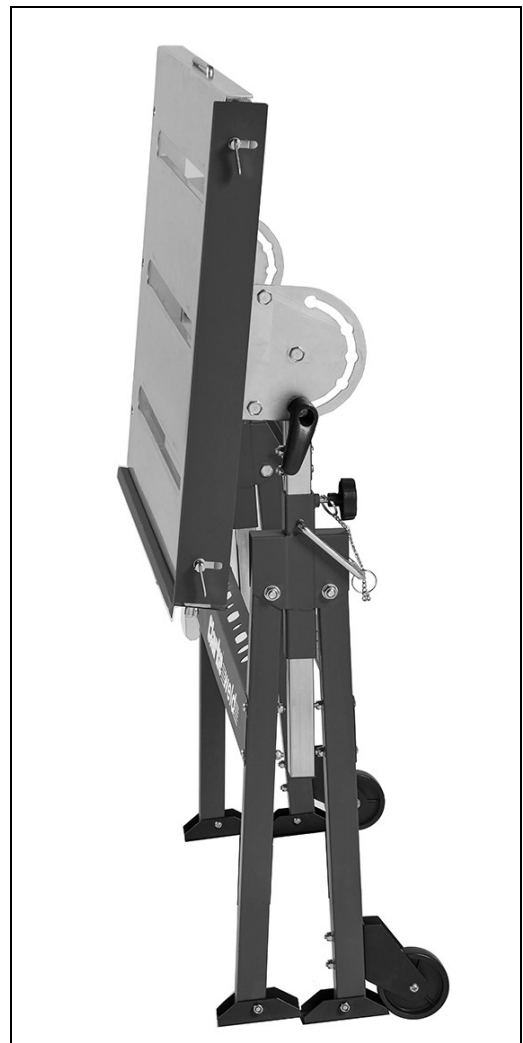
**ALWAYS** visually inspect the bench before use to ensure that all parts are correctly located and secure.

**NOTE: DO NOT** use the workbench if any of the leg locking handles do not lock back into place once the legs have been extended or if the locking pins do not fit into the lower leg holes.

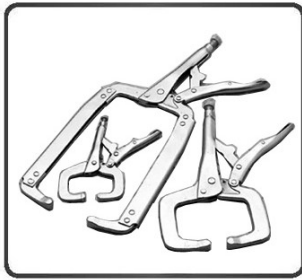
**NOTE: DO NOT** climb or stand on the welding bench

## TRANSPORT AND STORAGE

1. When not in use, set the bench at its lowest working height before folding the table flat for storage.
2. After each use, remove any accessories or tools and clean the table. Avoid using abrasives or sharp instruments which could damage the surface.
3. Once the bench is folded use extreme care when moving it to the storage location. Tilt the table top in the correct direction so that the handle can be used to wheel the bench around the work area on the transport rollers.
4. **ALWAYS** pull the bench behind you when wheeling it around.
5. If standing the bench against a wall when not in use a suitable restraint is advisable to prevent any accidental movement.
6. Test that the bench cannot fall over before leaving it in its storage location.
7. **DO NOT** leave the bench in the open or exposed to the elements. Keep it under cover.



# FURTHER CLARKE WELDING PRODUCTS



## WELDING CLAMPS

Available in 3-piece sets, either c-style or as flat/bending clamps



## TORCH COMPONENTS

A selection of swan necks, welding tips, shrouds and wire feed liners are available



## WELDING GASSES

A selection of gas bottles are available supplying Co2, Argon and Co2/Argon mix



## ANTI-SPATTER SPRAY

A 500ml bottle to prolong the life of your welding torch consumables



## WELDING WIRE

Available in all popular diameters from 0.3kg mini-spools to 15kg reels, including wire for aluminium, stainless steel and mild steel welding



## EDGE SETTER/ JODDLER WITH HOLE PUNCH

Used for creating a lip along sheet metal



## INDUSTRIAL REGULATORS

A selection is available suitable for use with Co2 or argon gas



## WELDING MAGNETS

Normally sold in pairs for hands-free welding. See also Clarke butt-welding clamps



## ELECTRODES

Normally available in packs of 10 as well as bulk packs



## ARC-ACTIVATED HEADSHIELDS

Various visual styles,- solar powered and auto darkening features for all welding and grinding tasks



## WELDING GAUNTLETS

Manufactured to EN-ISO 21420 and all current PPE standards



## WELDING SCREEN

Sturdy frame that can be dismantled for storage. Replacement screens available

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