

# DRAPER®

INSTRUCTIONS FOR

# 4 Way Heavy Duty Fold Down Workbench

Stock No.38121 Part No.HDWBY/R

**IMPORTANT:** PLEASE READ THESE INSTRUCTIONS CAREFULLY TO ENSURE THE SAFE AND EFFECTIVE USE OF THIS PRODUCT.



DRAPER®

## GENERAL INFORMATION

These instructions accompanying the product are the original instructions. This document is part of the product, keep it for the life of the product passing it on to any subsequent holder of the product. Read all these instructions before assembling, operating or maintaining this product.

This manual has been compiled by Draper Tools describing the purpose for which the product has been designed, and contains all the necessary information to ensure its correct and safe use. By following all the general safety instructions contained in this manual, it will ensure both product and operator safety, together with longer life of the product itself.

All photographs and drawings in this manual are supplied by Draper Tools to help illustrate the operation of the product. Whilst every effort has been made to ensure the accuracy of information contained in this manual, the Draper Tools policy of continuous improvement determines the right to make modifications without prior warning.

# 1. TITLE PAGE

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## **1.1 INTRODUCTION:**

USER MANUAL FOR:

## **4 WAY HEAVY DUTY FOLD DOWN WORKBENCH**

Stock no. 38121

Part no. HDWBY/R

## **1.2 REVISIONS:**

Date first published November 2013

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As our user manuals are continually updated, users should make sure that they use the very latest version.

Downloads are available from: <http://www.drapertools.com/b2c/b2cmanuals.pgm>

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## **1.3 UNDERSTANDING THIS MANUALS SAFETY CONTENT:**

**WARNING!** Information that draws attention to the risk of injury or death.

**CAUTION!** Information that draws attention to the risk of damage to the product or surroundings.

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## 3. GUARANTEE

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### 3.1 GUARANTEE

Draper tools have been carefully tested and inspected before shipment and are guaranteed to be free from defective materials and workmanship.

Should the tool develop a fault, please return the complete tool to your nearest distributor or contact Draper Tools Limited, Chandler's Ford, Eastleigh, Hampshire, SO53 1YF. England. Telephone: (023) 8026 6355.

A proof of purchase must be provided with the tool.

If upon inspection it is found that the fault occurring is due to defective materials or workmanship, repairs will be carried out free of charge. This guarantee period covering parts/labour is 12 months from the date of purchase. The guarantee is extended to 24 months for parts only. This guarantee does not apply to normal wear and tear, nor does it cover any damage caused by misuse, careless or unsafe handling, alterations, accidents, or repairs attempted or made by any personnel other than the authorised Draper warranty repair agent.

Note: If the tool is found not to be within the Terms of Warranty, repair and carriage charges will be quoted and made accordingly.

This guarantee applies in lieu of any other guarantee expressed or implied and variations of its terms are not authorised.

Your Draper guarantee is not effective unless you can produce upon request a dated receipt or invoice to verify your proof of purchase within the guarantee period.

Please note that this guarantee is an additional benefit and does not affect your statutory rights.

Draper Tools Limited.

# 4. INTRODUCTION

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## 4.1 SPECIFICATION

Stock No.....	38121
Part No.....	HDWBY/R
Bench folded:	
width .....	630mm (max.)
height .....	200mm
depth .....	890mm
Bench lower height	
width .....	630mm (max.)
height .....	480mm
depth .....	800mm
Bench mid height	
width .....	630mm (max.)
height .....	615mm
depth .....	560mm
Bench mid angle height	
width .....	630mm (max.)
height .....	650mm
depth .....	850mm
Bench full height	
width .....	630mm (max.)
height .....	790mm
depth .....	740mm
Maximum clamping width.....	370mm
Maximum load capacity.....	250kg (evenly distributed)
Weight (workbench only).....	13kg

## 4.2 HANDLING & STORAGE

Take care when handling and lifting. Do not drop this workbench.  
Store in a dry location out of the reach of children.

## 5. HEALTH & SAFETY INFORMATION

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### ***5.1 GENERAL SAFETY INSTRUCTIONS***

- 1) The workbench must be:
  - a) Fully assembled with all locking mechanisms engaged;
  - b) Positioned on stable, firm and level ground.
- 2) Never try to:
  - a) Climb or stand on the benchtop;
  - b) Exceed the weight limit on the jaws.

The jaw teeth must be fully engaged before clamping; so the jaw cannot be pushed backwards.

Take care when lifting the workbench.

Do not over tighten the clamps.

Do not expose the workbench to rain.

Store the workbench in a secure, dry location to prevent damage.

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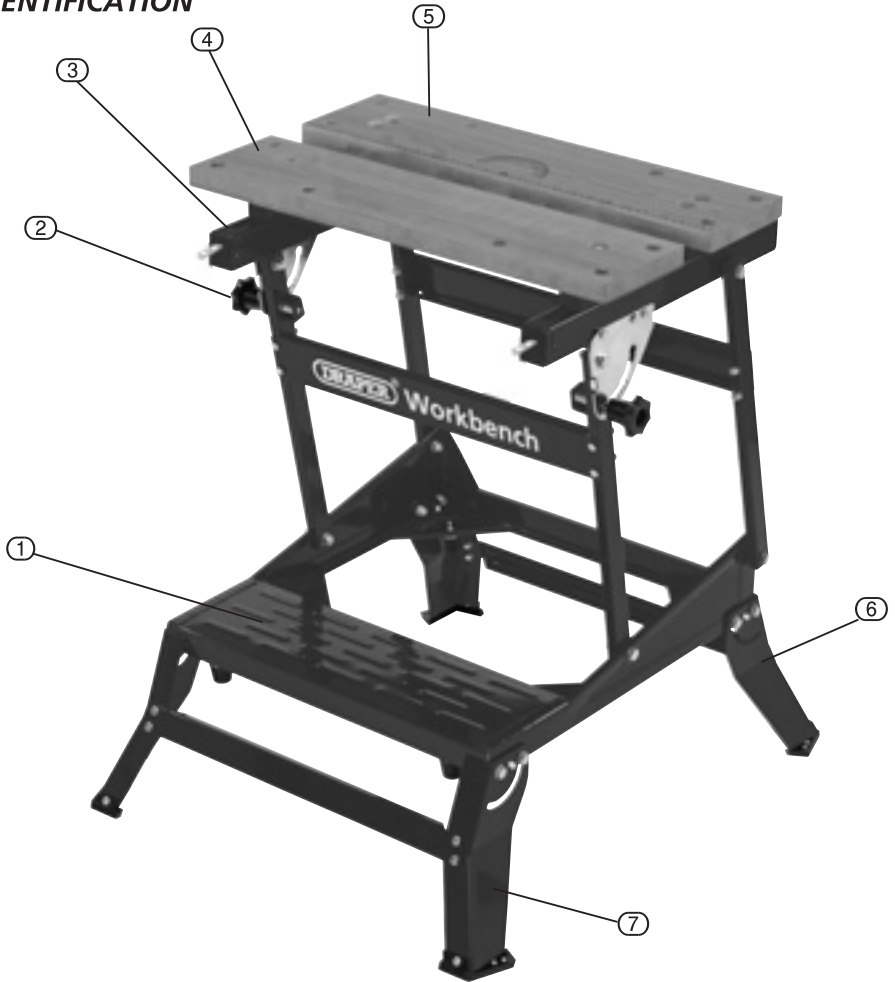
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# 6. TECHNICAL DESCRIPTION

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## 6.1 IDENTIFICATION



- ① Step plate
- ② Worktop height adjustment lock
- ③ Worktop frame
- ④ Front benchtop

- ⑤ Rear benchtop
- ⑥ Rear leg assembly
- ⑦ Front leg assembly

# 7. UNPACKING & CHECKING

## 7.1 PACKAGING

Carefully remove the workbench from the packaging and examine it for any sign of damage that may have happened during shipping. Lay the contents out and check them against the parts shown below. If any part is damaged or missing; please contact the Draper Helpline (the telephone number appears on the Title page) and do not attempt to use the workbench.

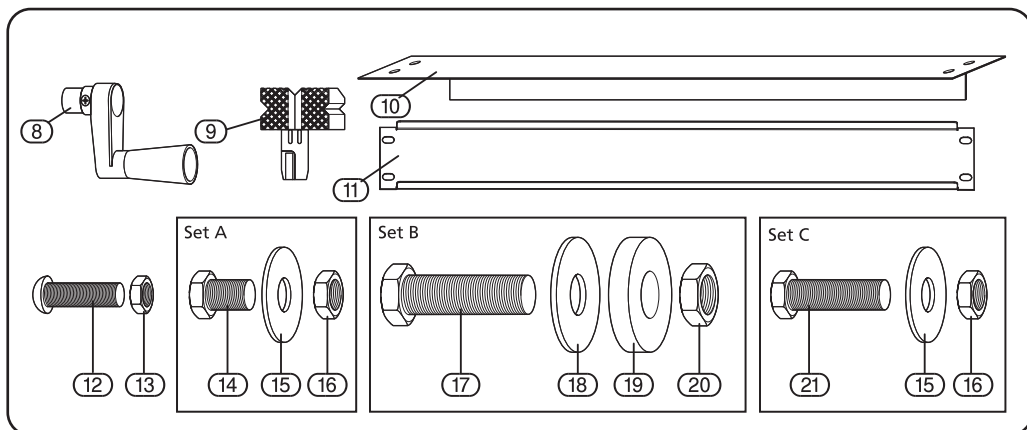
The packaging material should be retained at least during the guarantee period: in case the machine needs to be returned for repair.

Warning! Some of the packaging materials used may be harmful to children. Do not leave any of these materials in the reach of children.

If any of the packaging is to be thrown away, make sure they are disposed of correctly; according to local regulations.

## 7.2 WHAT'S IN THE BOX?

As well as the worktop frame and main frame; there are several parts not fitted or attached to it.



- ⑧ Handle x2
- ⑨ Clamps x4
- ⑩ Cross beam
- ⑪ Cross member
- ⑫ Cross slot bolt (M5 x 20mm) x2
- ⑬ Lock nut (M5) x2
- ⑭ Hex. bolt (M6 x 12mm) x10

- ⑮ Washer (6mm) x20
- ⑯ Nut (M6) x14
- ⑰ Hex. bolt (M8 x 35mm) x2
- ⑱ Washer (8mm) x4
- ⑲ Nylon washer x2
- ⑳ Nut (M8) x2
- ㉑ Hex. bolt (M6 x 40mm) x4

## 8. PREPARING THE WORKBENCH

To setup this workbench you will require some additional tools that are not supplied in the box:

2x 10mm spanner.

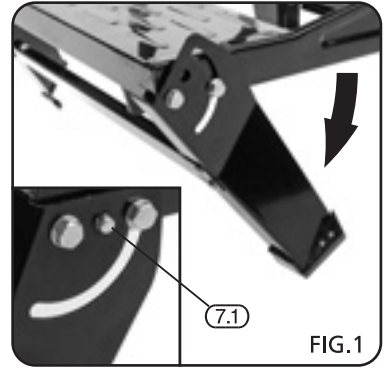
1x 13mm spanner

1x 14mm spanner

1x No.2 cross slot screwdriver

### 8.1 LEGS ASSEMBLY - FIGS. 1

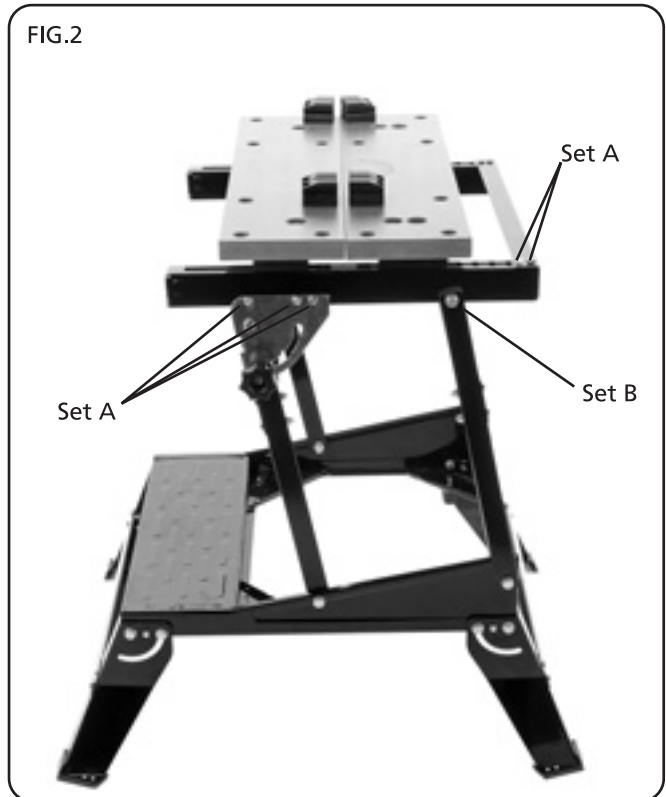
Pull down both front legs until the spring lock (7.1) locates. Repeat for the back legs. Make sure the legs are locked by spring lock (7.1) before use.



### 8.2 ASSEMBLE WORKTOP FRAME TO BASE FRAME - FIG. 2

Using the different sets of bolts, washers and nuts to connect worktop frame onto the base frame.

NOTE: When using set B of nuts, bolts and washers make sure that the nylon washer (18) is between the base frame and the worktop frame to allow smooth opening.

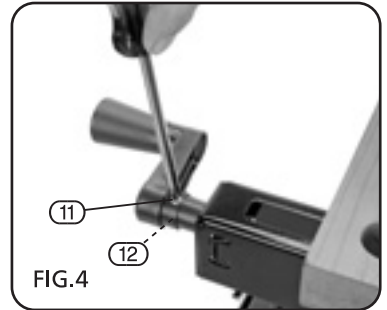
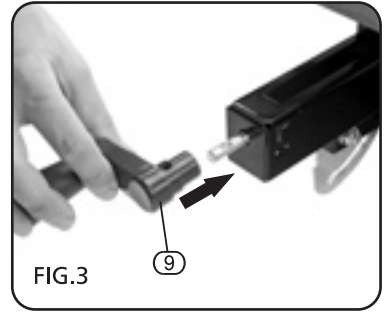


## 8. PREPARING THE WORKBENCH

### 8.3 HANDLE ASSEMBLY - FIGS. 3 - 4

Insert the handle (9) onto the rod.

Align the holes and fix the handle with cross slot bolt (11) and nut (12).



### 8.4 CROSS MEMBERS - FIG. 5

Attach the cross member to the legs with the four 10mm hex. bolts, washers and nuts.

NOTE: Double check that the securing nuts on the horizontal support bars are tight to prevent side to side movement.



## 8. PREPARING THE WORKBENCH

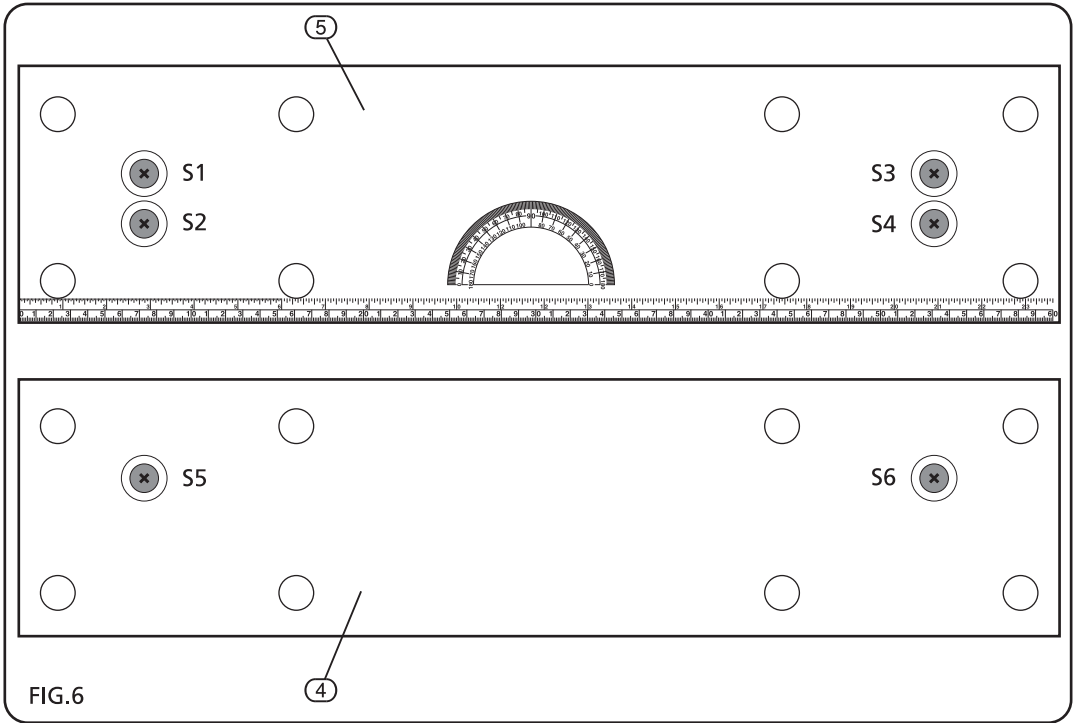
### 8.5 ADJUST THE WORKTOP BEFORE USE - FIG. 6

After everything is assembled, you may find the two boards of workbench are not at the same level, and you need to adjust it with one cross slot screwdriver before use.

If you find the benchtop (5) is higher than B, you can tighten the S1, S2, S3, S4 or loosen the screw S5, S6.

If you find the benchtop (4) is higher than A, you can loosen the S1, S2, S3, S4 or tighten the screw S5, S6.

NOTE: Make sure you don't fix S1, S2, S3, S4 too tight, or you will not be able to make quick adjustments to the clamping width.

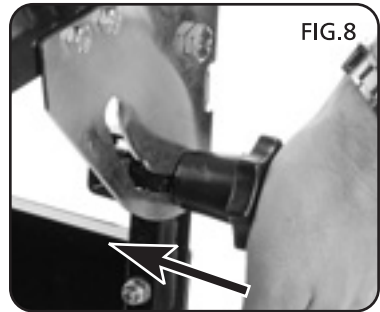
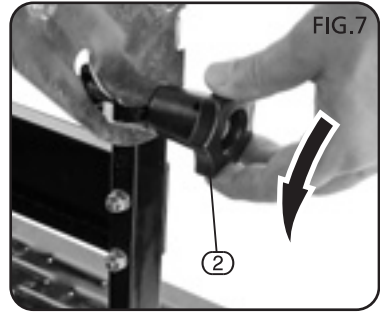


## 9. SETTING THE WORKBENCH

### 9.1 RAISING THE BENCHTOP TO REQUIRED HEIGHT - FIGS 7 - 9

Loosen the worktop height adjustment locks (2) on both sides of the workbench.

With one foot on the step plate (1), push the worktop height adjustment locks (2) simultaneously while lifting the worktop to the required height.



## 9. SETTING THE WORKBENCH

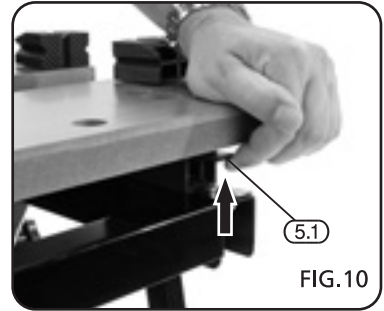
### 9.2 QUICK MOVE CLAMPING - FIGS. 10 - 12

Under the back of the rear benchtop there are two levers (5.1).

Pull both levers upward and move the worktop assembly.

To reduce a clamping size just pull the rear benchtop inward.

Touching the levers is not necessary at this stage.



## 9. SETTING THE WORKBENCH

### 9.3 CLOSE THE WORKBENCH - FIGS. 13 - 14

Loosen the worktop height adjustment locks (2), keep pushing the knobs on both sides of workbench simultaneously, slowly lowering the top down.

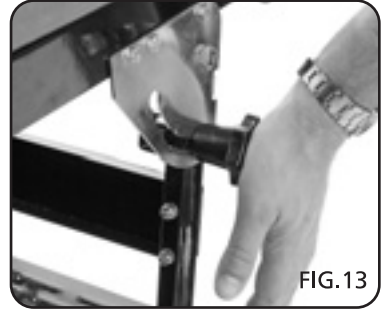


FIG.14



### 9.4 FOLDING LEGS INSIDE BASE - FIGS 15 - 17

Push in the spring lock (7.1) in on both front legs, this enables both legs to be folded in at the same time. Repeat the method for the back legs.

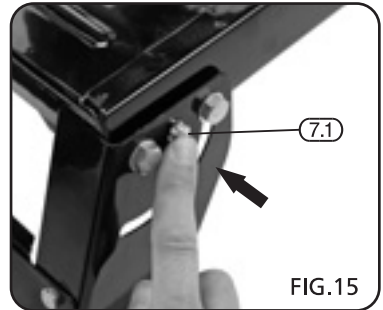
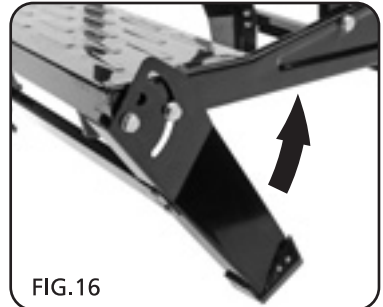


FIG.17

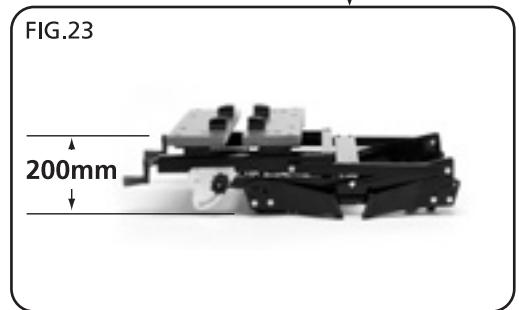
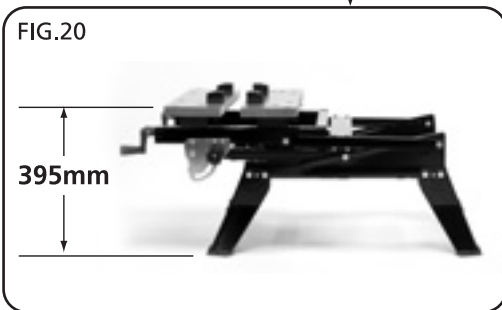
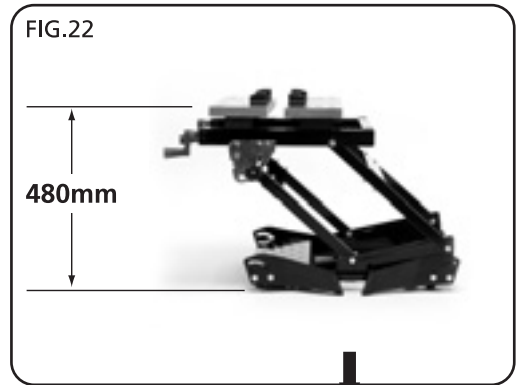
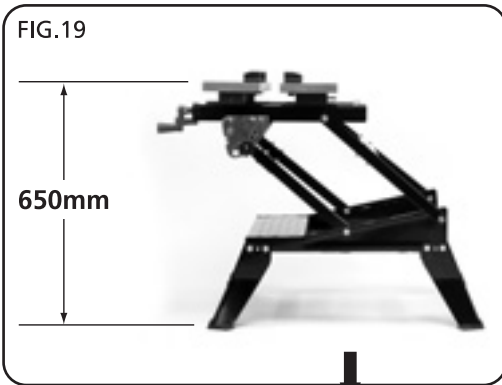
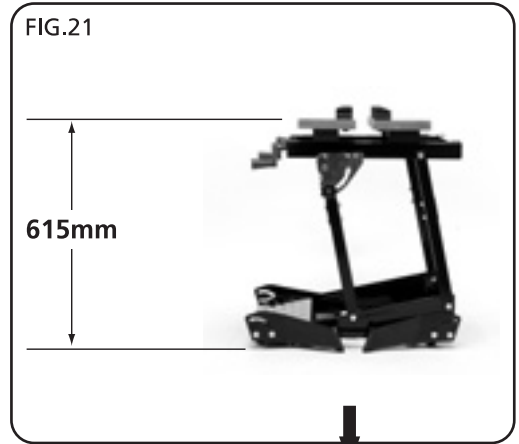
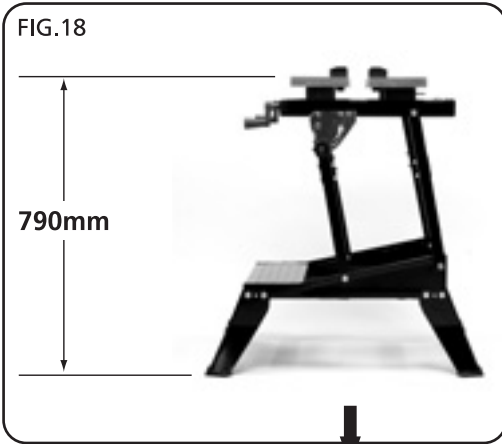




# 9. SETTING THE WORKBENCH

## 9.5 BENCHTOP CAN BE ADJUSTED TO SIX DIFFERENT HEIGHTS - FIGS. 18 - 23

Workbench can work in six different heights to meet various needs.



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