DBT Manufacturing

WARRANTY

Mr Strong Products carry a one year warranty against defective manufacture and materials. Should your product fail or prove unsatisfactory during this time please email details of the part causing concern to the address below. There will be a shipping and handling charge of £10.95 to cover the costs of sending any replacement parts. This warranty is subject to proper use of the products and does not excludes mis-use or fair wear and tear.

Please keep your invoice details as these will be required for any warranty claim.

Payment will be required before any parts are shipped.

This warranty is offered in addition to and does not diminish your statutory rights.

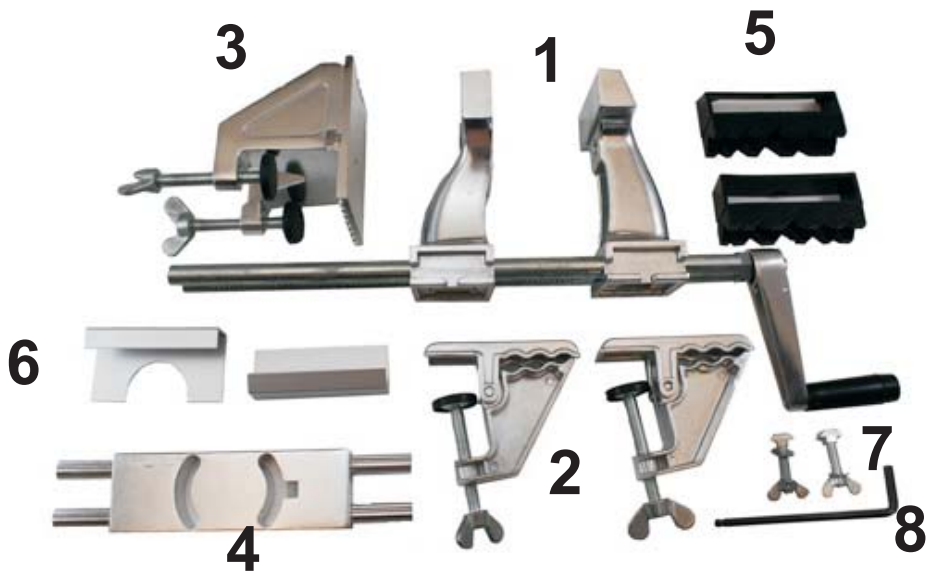
In case of any difficulties you may contact us as follows:

DBT Manufacturing, 7 Islay Gardens, Portsmouth
Hampshire PO6 3UF, England
Tel: 02392 384549
Email: customerservice@handysolutionsuk.com
Website: www.handysolutionsuk.com

Mr.Strong

Clamping System

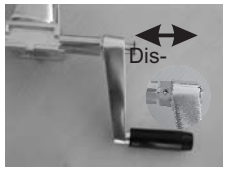
Mr Strong contains the following components. Please unpack your set and check to make sure you have everything.



1 Jaw Assembly
2 Bench Clamps
3 Flush end Stop
4 Turntable
5 2 x Soft Jaw Covers
6 2 x Aluminium Jaw Protectors
7 2 x Screws and wingnuts
8 Alan Key

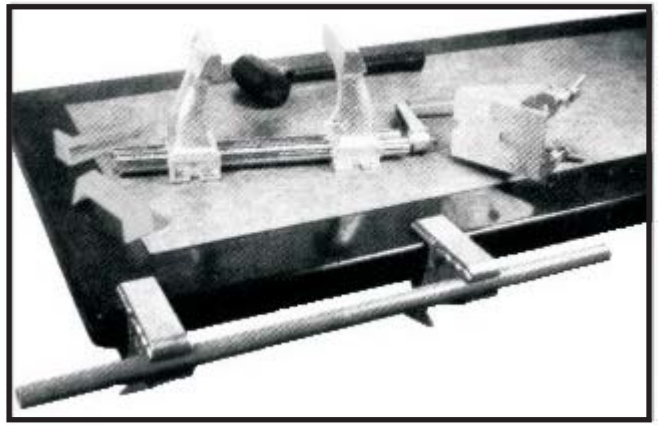
The following pages show you how to correctly configure **Mr Strong** for the multitude of tasks you can perform with it.
Please read through the instructions carefully and familiarise yourself with all the companents and their use before you put Mr Strong to work.

To drive the moveable jaw push the hande over the drive nut as shown. When clamping is accomplished pull the handle off the nut as shown and allow it to swing loose.



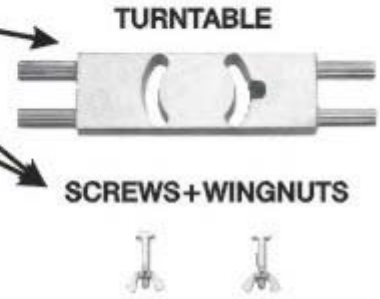
Bench Clamps only

Articles such as dowling, tubing and conduit can be easily heldin the two Bench Clamps to give a perfect working hold without even using the vice itself.



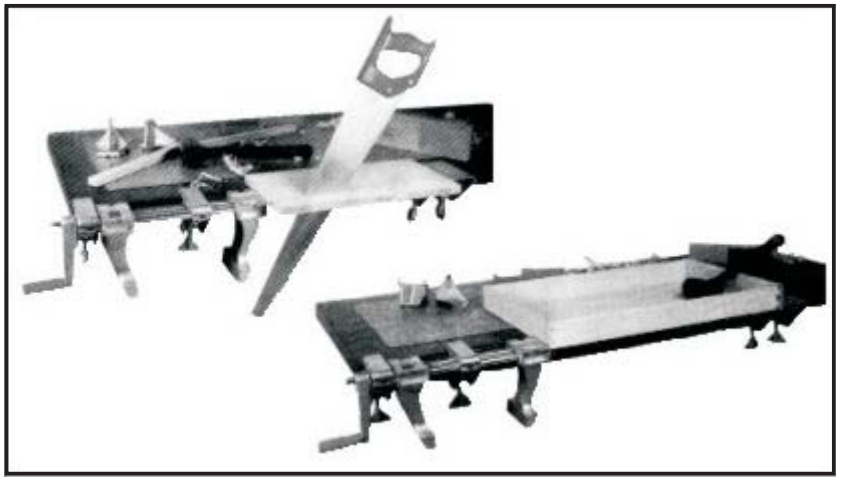
Turntable

The Turntable allows you to configure Mr Strong at any angle to the workbench and also rotate your work as you need to. Attach the Turntable to the base of vice with the two screws and wingnuts provided. Then attach the the Turntable to worktable top as shown. If you use only the end rod of the Turntable (the one nearest to the worktable top) it will allow you to turn the vice in both the horizontal and the vertical planes.



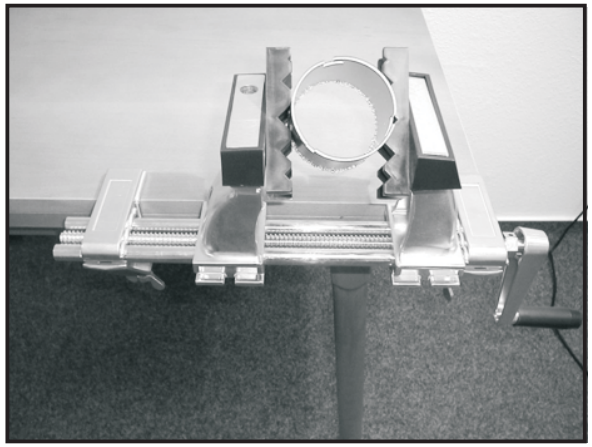
Flush End Stop positions

For materials larger than the 150mm avaialble on the low jaw grip the end stop is used. The lip on the end of the stop and the guide bars become flush with the surface of the bench. Larger articles can be held for cross cutting, panel sawing or rip sawing. Large articles such as table, doors, window frames and sheet materials can be easily held in this manner.



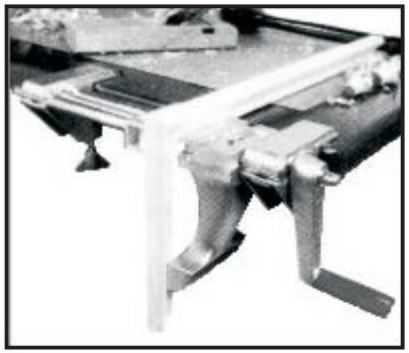
Soft Jaws

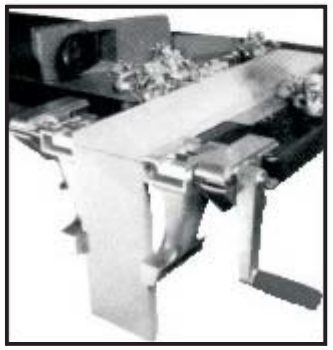
The Soft Jaws are provided for holding glass, plastic, soft polished and varnished surfaces, jewllery, models etc. These Soft Jaws can be rotated to help hold the work piece in a comfortable or more easily accessible position for working.

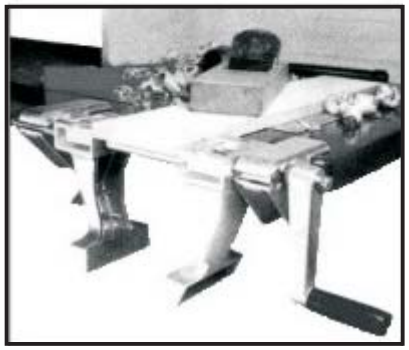


The Low Jaw Grip

By reversing the vice as shown you have a unique Low Jaw Grip. A plane, power sander, plane or router can be used to maximum advantage as no hinderance is given by the clamping system. Cross cutting can be achieved by sliding the work over the edge of the worktable utilising the table top to stabilise the work. By working horizontally and vertically at the same time in this gripping position a right angle joint can be held together for gluing, dowelling, nail etc.
Mitre joints can be accurately clamped.

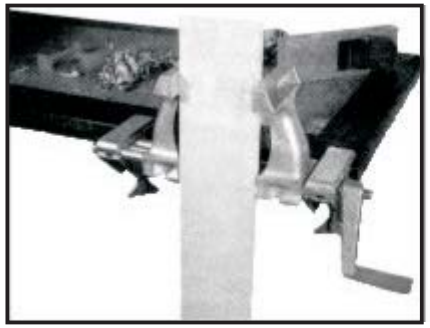


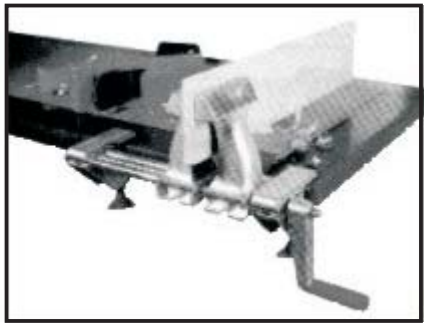




Standard Vice

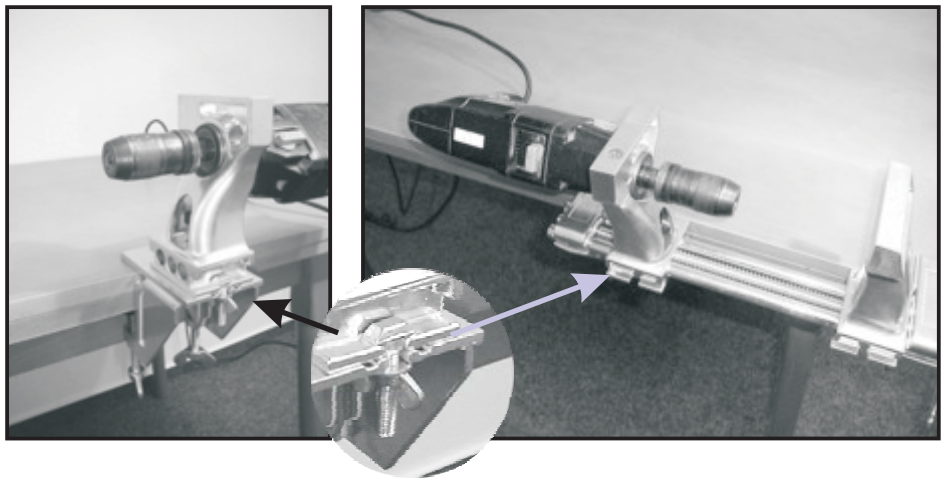
Using the vice in a conventional position gives you the three normal grips. Work can be held vertically or horizontally as shown. When the work is held vertically it grips at four points to give very stable and strong gripping action. When the work is held horizontally the worktable can be used to give support all along the length of the work piece.





Drill Clamp

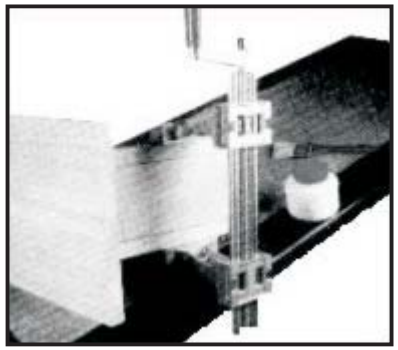
The moveable jaw can be used as a bench clamp for a power drill as shown below. The Plastic Cap should be removed by loosening the integrated socket head screw using the hexagonal key provided.
The moveable jaw can be clamped to the Flush End Stop using the supplied Screws and Wingnuts or reversed and positioned onto vice arrangement as shown. The integrated socket head screw in the Moveable Jaw is used to clamp the drill into position as shown.
Replace and clamp the plastic cap in place for normal use of the Moveable Jaw.



G or C Clamp

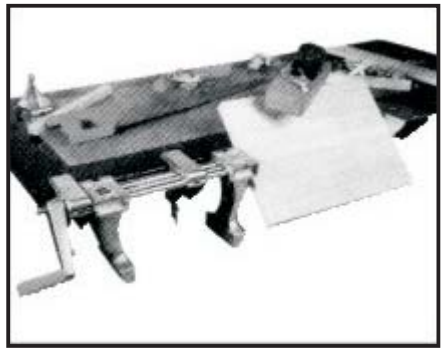
Note: The upper part of Jaws engage the work 3mm before the lower part. This is to allow full use of the upper jaws and support of the bench when using light clamping pressures. When the handle is rotated another half turn the lower part of the jaws engage to form a four point grip and so prevent over flexing of the upper jaw.

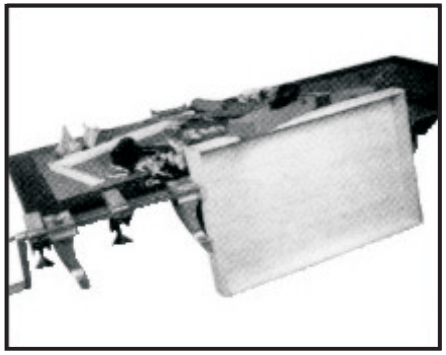
On a conventional G Clamp the pressure is usually obtained from a wing nut. Using the vice in this way the handle can be used to apply and easily adjustable pressure onto the clamping area of the whole jaw to ensure a very even pressure over the much larger area obtained with the jaws of the clamping system.

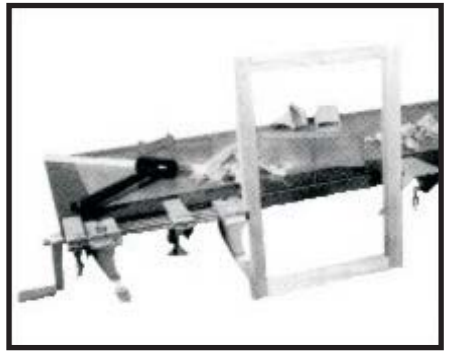


Bar or Sash Clamp Position

By running the moving jaw just beyond the end of the guide bars it is possible to clamp against the Flush End Stop. To increase the clamping pressure, reverse the Moveable Jaw and clamp as required. This position is particularly useful when working with doors, window frames, picture frames etc and is ideal for edge and bevel planing. Work can be arranged vertically, horizontally or at any angle in between.







Sash Clamps and Bar Clamps

By reversing the moving jaw and mounting the vice and the Flush End Stop on a suitable piece of timber, as shown below, the vice can be turned into a Sash or Bar Clamp. The length of the clamp being limited only by the length of timber available. This arrangement can be used for clamping doors, windows and also fo cramping floor boards etc.