



# **A2 PORTABLE DRAWING BOARD 604-343**

The drawing board has been adjusted in the factory for accuracy and smooth running of the parallel motion.

The blade can be moved up and down the board by using the aluminium finger rail, or by turning the hand wheels fitted to either end of the parallel motion. The blade can be locked in place by tightening the locking screw situated on the left hand blade carrier next to the hand wheel. This screw may be tightened to lock the parallel motion, or adjusted to give the desired amount of sliding resistance to the blade. This would prevent it sliding down the board when the board is set in its most upright position on the back stand.

To achieve a smooth running action of the blade and yet maintain correct engagement between the rack and pinion, a compression spring is used, and no adjustment is needed.

One stop screw is provided on the bottom of each blade carrier to prevent the rack and pinion becoming disengaged. If the rack and pinion did become disengaged the blade would tilt at an angle across the board. This can be corrected by undoing one of the stop screws on the blade carrier, which will allow the pinion to be disengaged with the rack, allowing the blade to be re-aligned. Retighten the stop screw to a point which will allow the blade to operate smoothly, but prevent the rack and pinion becoming disengaged.

The blade may be removed from the parallel motion by first undoing the two clamp screws situated each end of the blade, one full turn, allowing the blade to slide out for easy cleaning.

Should you wish to use a cutting mat on the drawing surface, the blade may be raised up 3mm by undoing the screws, removing the blade, and repositioning the blade above the spacing washers and retightening the screws.