



Bench End Guillotine

PUB046

V.3 01/2016

Installation Instructions

Please read these instructions and check the contents of the parts pack before starting the installation.

IMPORTANT: The cable tie holding the blades closed should not be removed until the machine is securely fixed to the work top. If you remove it before then, the counterbalance springs may cause the blades to fly open and cause injury. It helps if a second person is on hand to help lift and position the guillotine during installation.

The guillotine can be fitted to almost any work top over 12mm thick, including chipboard surfaces. 5mm countersunk machine screws with nuts and washers are supplied for fixing. If the machine screws are unsuitable or too short, use size 10, 5mm, fully threaded woodscrews.

To facilitate fitting the measuring arm, it is preferable to use a worktable where the work top protrudes over any structure on the underside of the table.

1. Start by carefully lifting and positioning the guillotine on the table edge. Check that everything fits. Mark the hole positions with a pencil. Lift off the guillotine.

2. Using a 6mm drill, make holes through the worktop at the positions marked. If you using woodscrews to mount the guillotine, use a 3mm drill.

3. Position the guillotine on the table and secure it with the bolts. Leave loose to start, then tighten fully after checking.

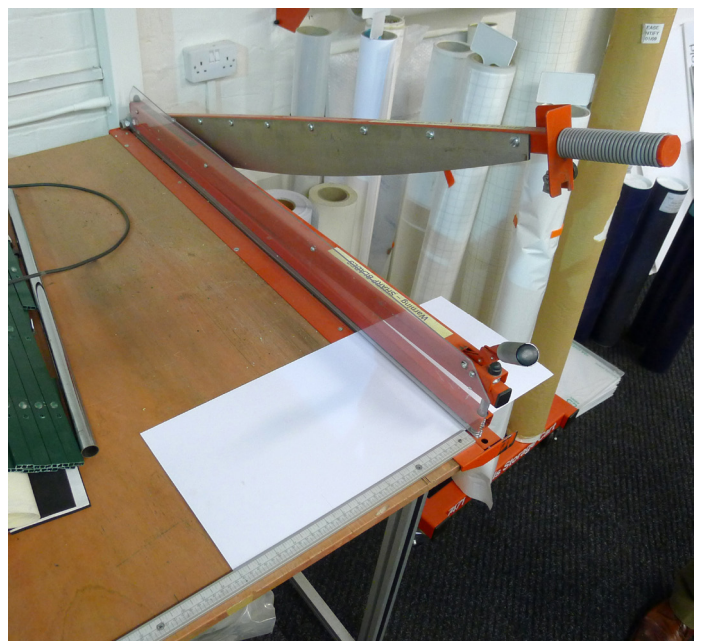
4. To fit the squaring bar, lay it in place on the peg. Lay a piece of new mountboard into the guillotine, with the short edge precisely aligned with the cutting blade edge. Adjust position so that the long edge fits along the edge of the bar. Adjust and check carefully. Then clamp it in place. Mark holes position with pencil and remove bar. Drill holes slightly over-size. Replace bar and secure with machine screws. The screws in oversize holes will allow some adjustment later if required.

5. Bring the surface of the table flush with the guillotine with a sheet of plywood or MDF cut to size and tacked into place.

6. Remove the protective film from the plastic guard and attach it to the clamp box using the self-tapping screws and washers.

7. Finally, cut the cable tie holding the blades closed. Turn the locking knob to release the blade.

Lion Bench End Guillotine is designed to cut semi-stiff paper and card, mountboard up to 3mm, MDF and hardboard up to 2.2mm. Cuts sheets up to 1140mm / 44" wide and any reasonable length.



Operation and Maintenance

Lubrication The spring mechanism on the clamp unit, the contact points on the counter balance springs and the blade pivot assembly should occasionally be sprayed with silicone lubricant such as GT85 to aid smooth operation. Wipe off any excess lubricant to avoid marking.

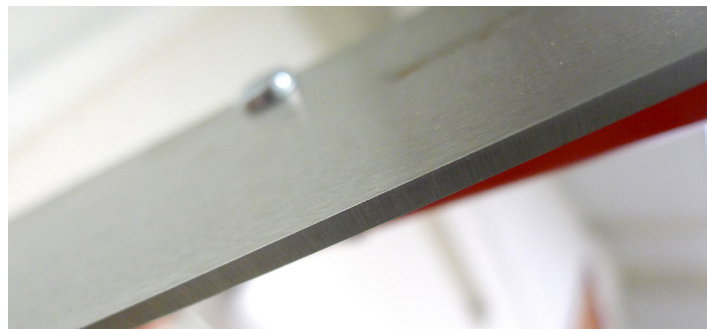
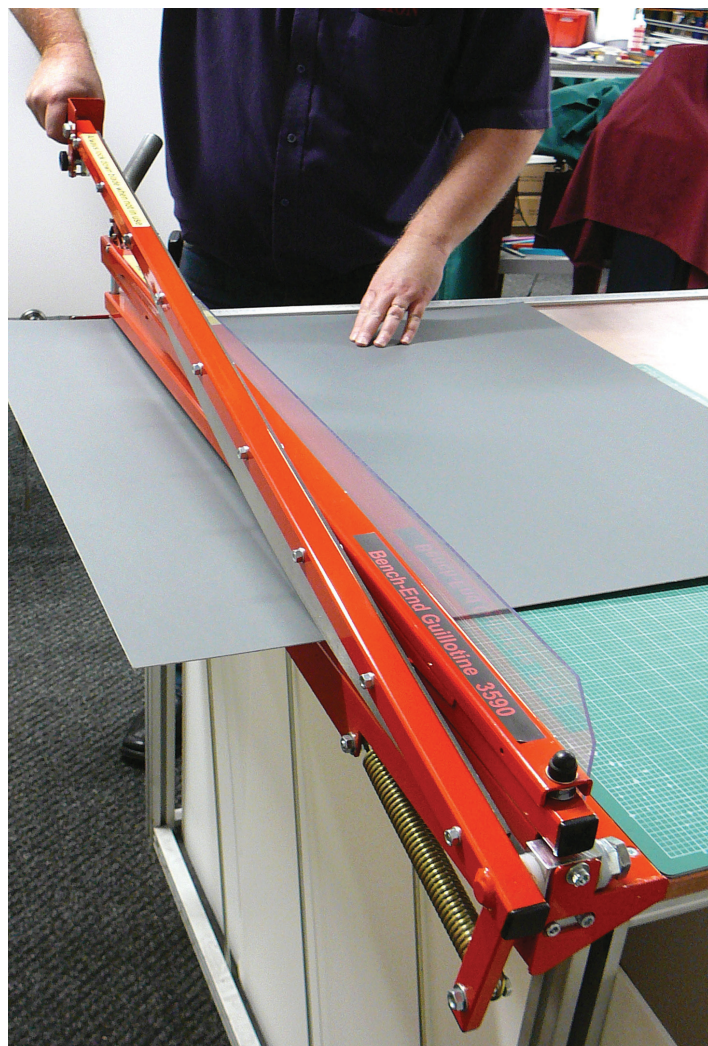
Blades Under normal operation the moving and fixed blades working together are self-sharpening.

If for any reason they should begin to lose their edge, they can be re-honed using a good quality fine oilstone. Hone the horizontal faces of the blades first and the vertical faces last.

After honing, run a piece of hardwood along the cutting edges to remove any burr and wipe the blades clean. Cutting up some scrap hardboard or MDF will help re-honed blades to “bed in” to one another. When honing, take great care to maintain the original cutting angles.

Excessive side pressure on the blade handle is not needed for a good cut and may damage the blades.

For technical queries or spare parts, contact Lion.



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Any prices quoted are correct as at April 2016. Please check before ordering.

