

FAIRPORT SLAB SPLITTER

MODEL H65-4

Description

The model H654 slab cutter is designed to cut materials such as paving slabs, paving blocks and building blocks, etc with parallel force. The maximum depth of slab that may be cut is 235mm, the minimum is 45mm and the maximum width is 640. The machine is fitted with triangular blades that give each blade three cutting edges. This model differs from the previous machine in that the frame is now stiffer as it is fully welded, complete with the lower blade carrier beam.

Safety

- Ensure cutters are standing on a firm level surface.
- Wear eye protection, gloves and safety footwear.
- Do not allow hands or feet to be between the blades when carrying out any blade adjustments.
- Disconnect handle when not in use.
- When moving the machine, ensure there is no material on the table, which will slide off when the machine is tilted.
- Never use an extension bar on the jacking handle.

Caution

- Avoid warped or 'green' blocks and slabs. These will break prematurely and not where required. All slabs must have flat parallel faces; riven slabs are unsuitable for splitting.
- Check sharpness of blades regularly.
- Do not attempt to cut material of a size outside the range of the cutter.
- Please note that soft material will break without any audible noise and the pieces may not fall apart. The impression may be that the material has not broken and there may be the temptation to continue pumping. This could cause the top and bottom blades to become buried and may ultimately damage the machine beyond repair. Damage caused in this way will invalidate the warranty. Special top blades, part No W53032, are available for splitting this type of material.
- It is not possible to be specific with regard to the types of materials that are suitable for splitting and that are unsuitable. Generally a material that splits quickly, easily and cleanly with a sharp crack-like noise is suitable; a material that splits irregularly and requires a high level of effort is unsuitable. Damage caused by attempts to split unsuitable material is not covered by the warranty.

Adjustments

- With the jack fully raised, lower the upper blade to its lowest height above the block to be cut. When adjusting the blade height, always hold the handles of the upper blade beam when removing the pins that support the power forks.
- In order to obtain a clean cut (break) it is essential that the upper blade is parallel to the surface of the material to be cut. To ensure this, place the material to be cut across the lower blade, operate the jack so that the top blade just contacts the material. If the top blade is only in contact at one end of the material, slacken the hand screw and continue to operate the jack to create a slight pressure. This will automatically adjust the top blade so that it is parallel to the material surface. Check that the blade contacts all the way along and then retighten the hand screw.

Operation

- Check the blade adjustment as above.
- Places the material between the blades so that the cutting action is in the centre of the blades and not towards one end.
- Check the pressure release screw is tight; this is the wing screw on the side of the jack.
- Insert the jack handle into the jacking lever and pump the blade down to cut the material.
- The material will usually break with a sharp audible crack, but see '**Caution**' notes above.
- Release the blade by loosening the pressure release screw (wing screw) at the side of the jack. Retighten screw when jack has retracted to desired height.
- Clear all debris from around blades after each cut.