

THE TOOL COMPANY

3 IN 1

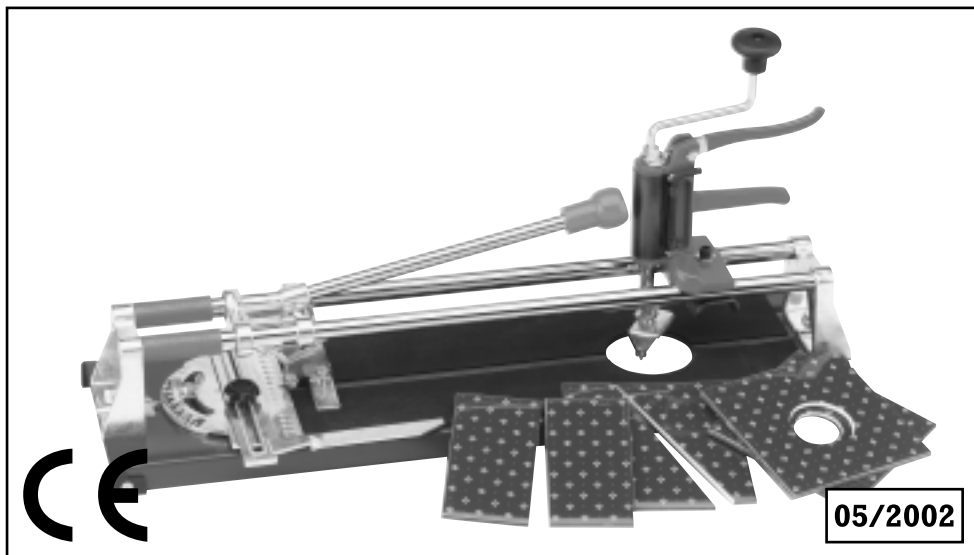
TILE CUTTING MACHINE

■ STOCK No.24693

■ PART No.TCM3

• INSTRUCTIONS •

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



GENERAL INFORMATION

This manual has been compiled by Draper Tools and is an integrated part of the product with which it is enclosed and should be kept with it for future references.

This manual describes the purpose for which the product has been designed and contains all the necessary information to ensure its correct and safe use. We recommend that this manual is read before any operation or, before performing any kind of adjustment to the product and prior to any maintenance tasks. 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 tool 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 accuracy of information contained in this manual, the Draper Tools policy of continuous improvement determines the right to make modifications without prior warning.



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CONTENTS:

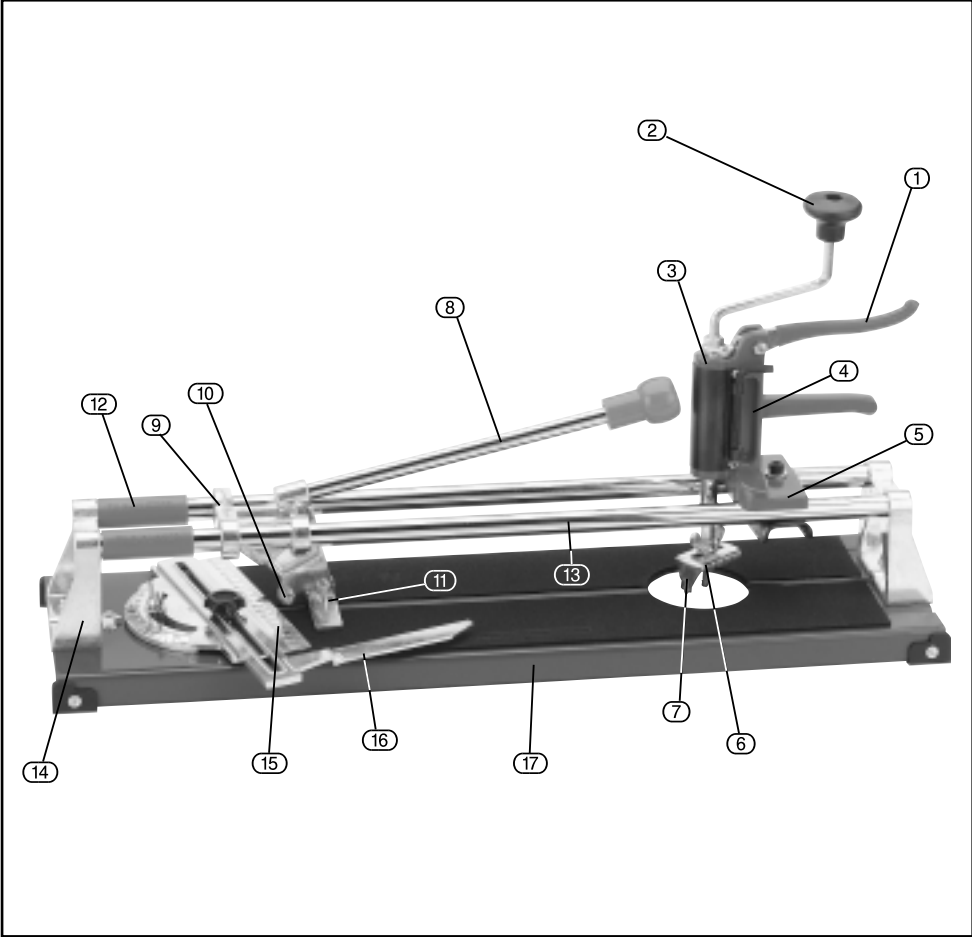
Getting to Know Your Tile Cutting Machine	2
Operation & Use	3-8
Servicing/Accessories	9

A PROFESSIONAL QUALITY HEAVY DUTY TILE CUTTING MACHINE THAT CUTS AND BREAKS TILES IN ONE EASY OPERATION.

Features include a heavy duty pressed steel base, tungsten tipped steel cutter for hole drilling and tungsten carbide tipped wheel for straight or angled tile cutting.

This tile cutting machine is suitable for larger tiles with the machine capacity of 405mm (16") long x 16mm (⁵/₈") thick.

GETTING TO KNOW YOUR TILE CUTTING MACHINE



- | | | |
|-----------------------|------------------------|----------------------------------|
| ① Press handle | ⑦ Cutter | ⑬ Guide rod |
| ② Turning handle | ⑧ Cutting/breaking arm | ⑭ End brackets for guide rods |
| ③ Housing cover plate | ⑨ Wheel housing | ⑮ Protractor and measuring scale |
| ④ Drill housing | ⑩ Cutting wheel | ⑯ L-type retractable square |
| ⑤ Fixed plate | ⑪ Breaking head | ⑰ Base |
| ⑥ Cutter bracket | ⑫ Rod housing | |

UNPACKING: After removing the packing material, make sure the product is in perfect condition and that there are visibly no damaged parts. If in doubt, do not use the Tile Cutting Machine and contact the dealer from whom it was purchased. The packaging materials (plastic bags, polystyrene etc.,) must be disposed of in an appropriate refuse collection container. These materials must not be left within the reach of children as they are potential sources of danger.

OPERATION & USE

STRAIGHT CUTS (Fig.1 & 2.):

1. To obtain a good, clean straight line cut, it is important that the following instructions are read thoroughly before using the cutter.

The hole drilling attachment must be removed before the tile cutting can be carried out.

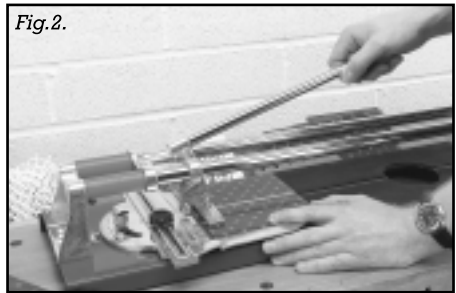
Position the tile using the measuring scale provided, to achieve the size of cut required. Hold the tile firmly in one hand and use your other hand to draw the hand lever and the tungsten carbide tipped cutter along the glazed surface of the tile, applying even but gentle pressure.

2. After cutting through the glaze, divide the tile by placing the scored surface (facing upwards) along the raised breaking bead which runs down the centre of the machine.

Place the breaking head towards the top of the tile nearest the measuring scale, ensuring that it is evenly positioned either side of the scored line. GENTLY apply a downward pressure on the hand lever using the minimum amount of pressure necessary to break the tile along the scored line.

IMPORTANT:

Do not allow the tungsten carbide tipped wheel to come into contact with the tile during the dividing operation. Excessive pressure on the hand lever during the dividing operation could cause uneven breaking and possible fragmentation of the tile. Maximum cutting capacity of this machine is 405mm (16") long by 16mm ($\frac{5}{8}$ ") thick.



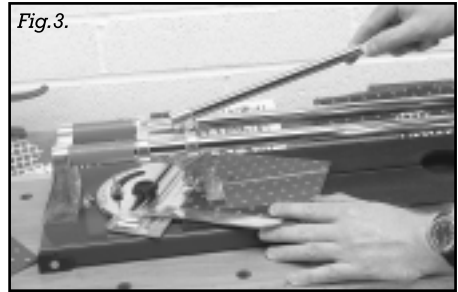
OPERATION & USE

ANGLED CUTS (Fig.3.):

1. The procedure for achieving straight line, angled cuts is basically the same as that detailed for Straight Cuts, the only difference being that the angle of the cut required must be set prior to scoring, using the measuring scale and angle indicator. The angle required can be set and adjusted by simply releasing the butterfly nut, and re-tightening prior to scoring.

IMPORTANT:

Do not allow the tungsten carbide tipped wheel to come into contact with the tile during the dividing operation. Excessive pressure on the hand lever during the dividing operation could cause uneven breaking and possible fragmentation of the tile. Maximum cutting capacity of this machine is 405mm (16") long by 16mm ($\frac{5}{8}$ ") thick. The hole drilling attachment must be removed before the tile cutting can be carried out.



OPERATION & USE

HOLE DRILLING (Fig.4, 5 & 6.):

To remove and replace the drilling attachment, simply unscrew the knurled hexagonal nut using the hexagon key supplied. This will release the clamp holding the attachment to the tile cutting rails. When replacing the attachment, ensure the pilot drill lines up with the centre of the hole formed in the base of the machine.

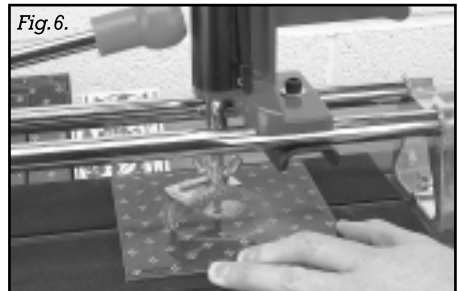
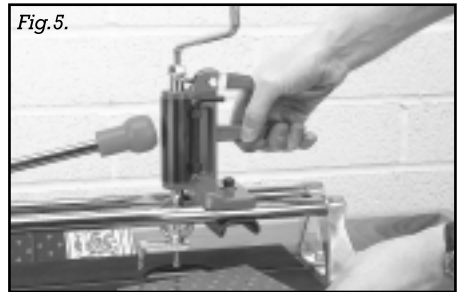
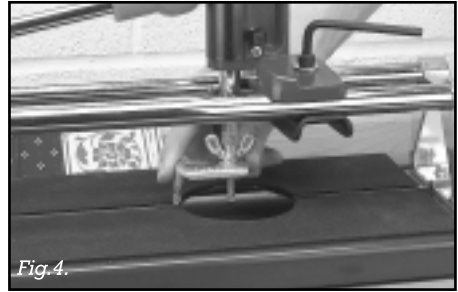
IMPORTANT:

Some tiles have very hard glaze and as a result the cutter may need frequent sharpening or replacing.

HOW TO DRILL HOLES:

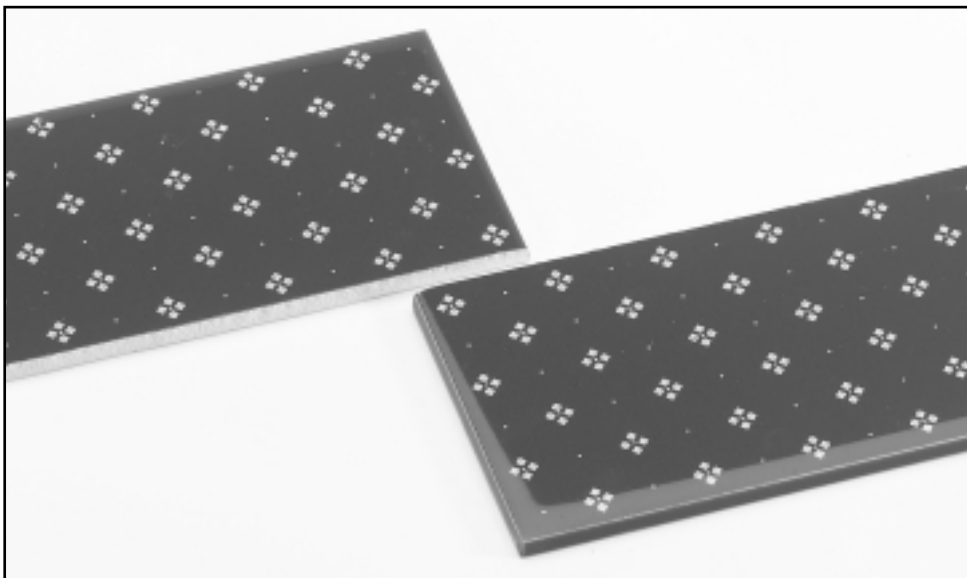
Once the drilling attachment is secured in the correct position, release the butterfly nut which secures the sliding outer cutter. Using the measurement indicator and the millimetre scale provided, set the cutter for the size of hole required. Holes can be drilled within a capacity of 30 - 80mm ($1\frac{3}{16}$ " - $3\frac{1}{8}$ ").

Mark the tile where you require the centre of the hole to be. Squeeze together the two handles on the drilling attachment, which will raise the drilling head allowing the tile to be positioned underneath. Ensuring the pilot drill is located on the mark representing the centre of the hole, turn the cutting handle in a clockwise motion until the tile is scored and cut through.



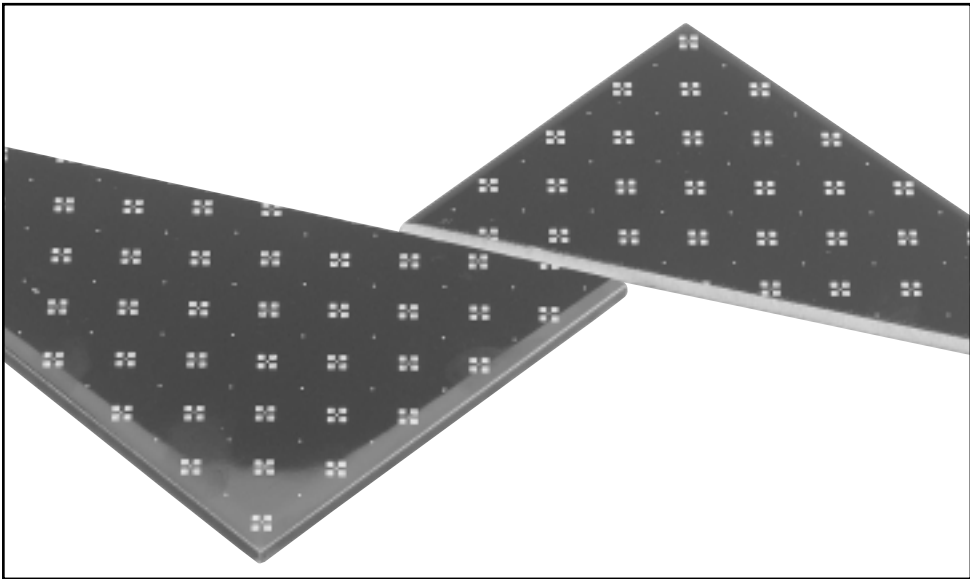
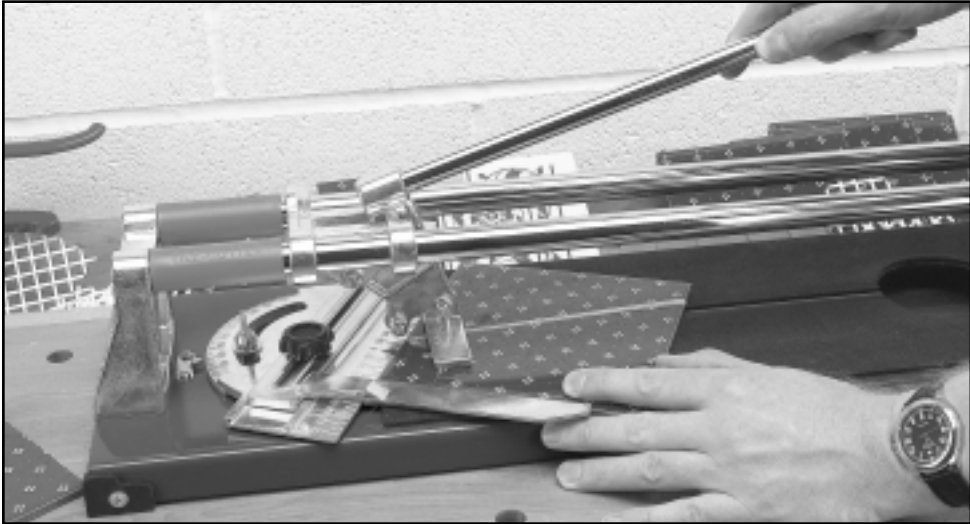
OPERATION & USE

1. STRAIGHT LINE CUTS

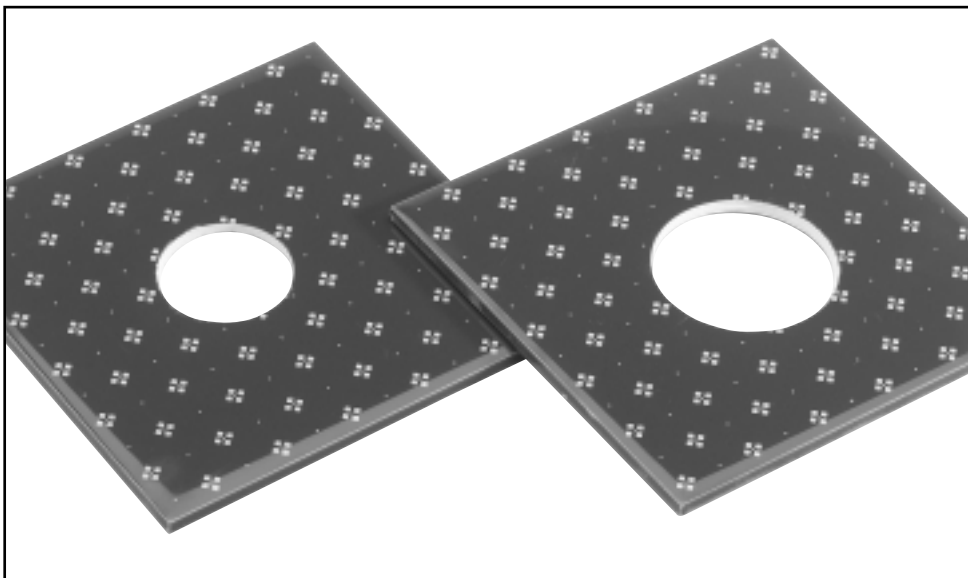
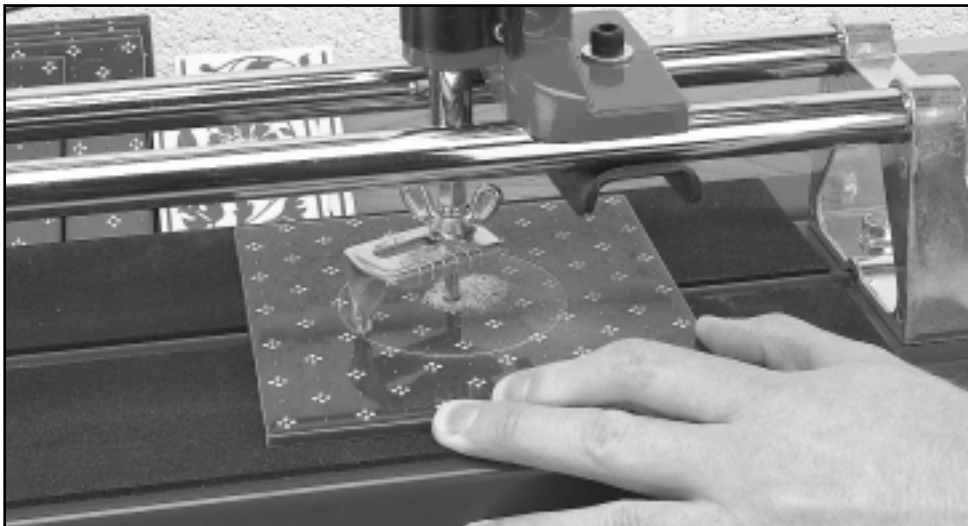


OPERATION & USE

2. ANGLED CUTS



3. HOLE DRILLING



IMPORTANT:

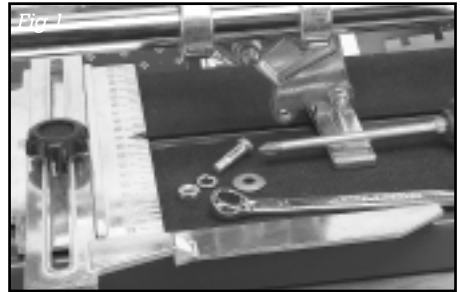
Because of the extreme hardness of some tiles, it is recommended that the cutting wheel is replaced frequently or as soon as its cutting efficiency is reduced.



SERVICING

REPLACING TUNGSTEN CARBIDE TIPPED WHEEL (Fig.7.):

To replace the tungsten carbide tipped cutting wheel, you will need a No.2 cross slot screwdriver and a 10mm wrench to remove the nut and bolt that secures the wheel in place.



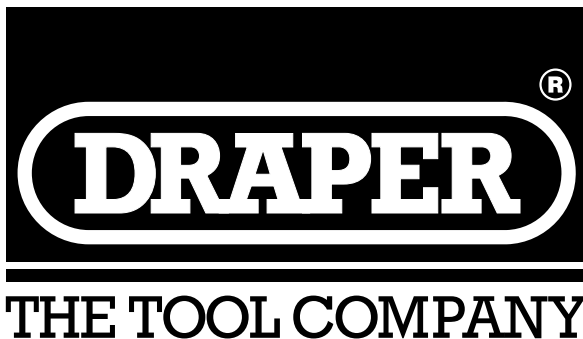
ACCESSORIES

Replacement

Hole Cutter and Pilot Drill Kit: Stock No.25539, Part No.YTCM3
Tungsten Carbide Tipped Wheel: Stock No.25540, Part No.YTCM3



NOTES



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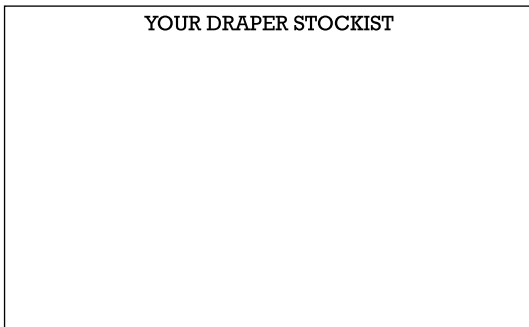
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YOUR DRAPER STOCKIST



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