

# VINYL CUTTERS

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On behalf of The World Association of Technology Teachers

# W.A.T.T.



World Association of Technology Teachers

This exercise can be printed and used by teachers and students. It is recommended that you view the website ([www.technologystudent.com](http://www.technologystudent.com)) before attempting the design sheet .

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This question is related to Computer Aided manufacture (CAM)

In a typical school graphics room the machine seen below can manufacture “sticky” symbols and text for labelling packaging and displays.

What is the correct name of the device?

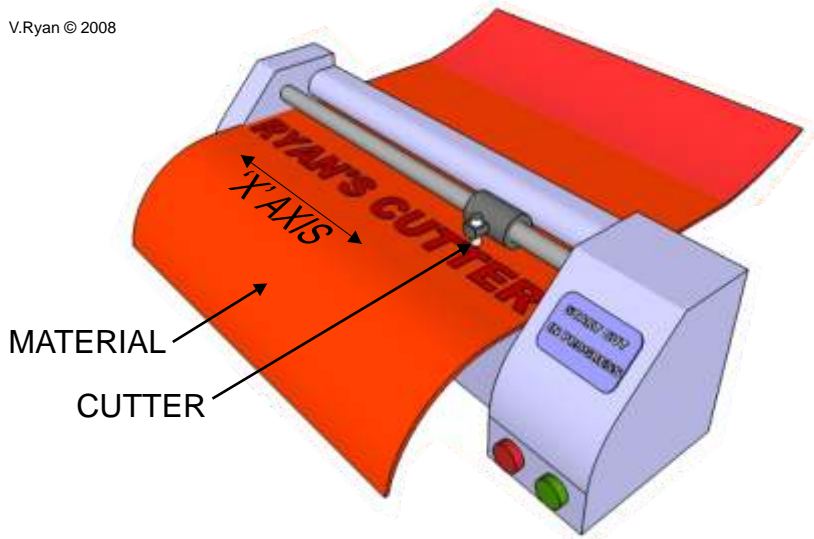
MACHINE NAME: \_\_\_\_\_

Name the material that is normally cuts.

MATERIAL NAME: \_\_\_\_\_

When in use the cutter moves along two axis. The ‘X’ axis is already labelled. Label the ‘Y’ axis on the drawing.

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When manufacturing a product many times, computer aided manufacture (CAM) can be an advantage. List three advantages of using CAM.

ADVANTAGE 1: \_\_\_\_\_

\_\_\_\_\_

ADVANTAGE 2: \_\_\_\_\_

\_\_\_\_\_

ADVANTAGE 3: \_\_\_\_\_

\_\_\_\_\_

When designing a product many times computer aided design (CAD) can be an advantage. List three advantages of using CAD.

ADVANTAGE 1: \_\_\_\_\_

\_\_\_\_\_

ADVANTAGE 2: \_\_\_\_\_

\_\_\_\_\_

ADVANTAGE 3: \_\_\_\_\_

\_\_\_\_\_