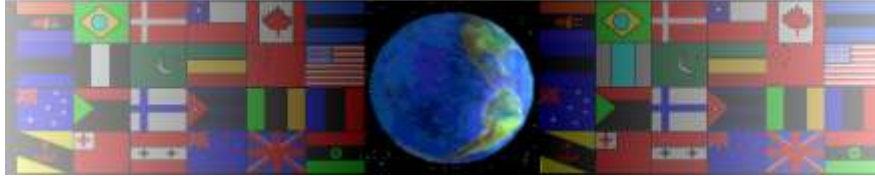


RAPID PROTOTYPING - 3D PRINTING

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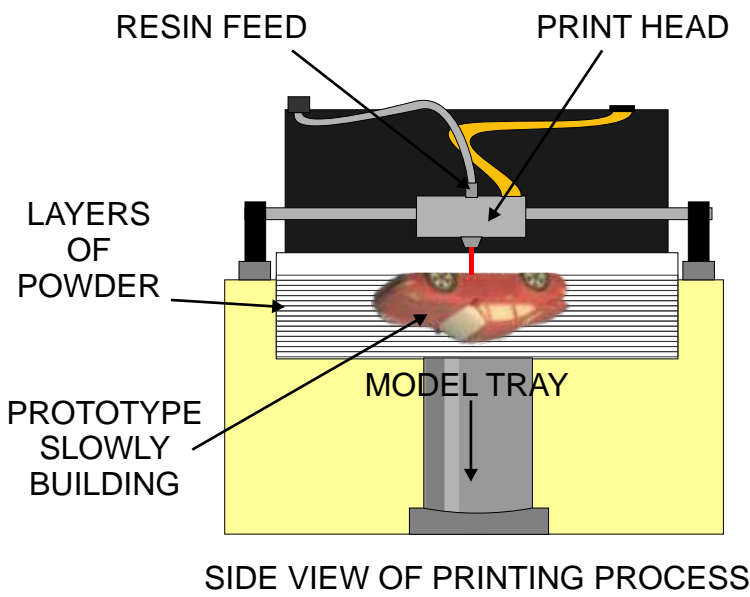
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RAPID PROTOTYPING - 3D PRINTING

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1. Explain why rapid prototyping, in particular 3D printing, is becoming more common in manufacturing industry. The key words / phrases below, may help you answer this question.

QUICK REALISTIC 3D MODELS FOCUS GROUPS POTENTIAL CLIENTS
PROTOTYPING ENGINEERING AEROSPACE



2. The diagram opposite, shows a 3D model slowly taking shape, as it is manufactured on a 3D Printer. With reference to the diagram, describe how a 3D model is manufactured using this type of machine.

3. List six advantages of producing a prototype model using a 3D printer.

A.

B.

C.

D.

E.

F.
