

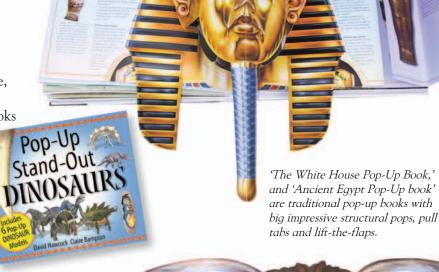
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There are many types of books that are grouped under the general title of 'pop-up book'. We produce many different types – here is a small selection.

A pop-up book usually has between 5 and 7 spreads (double page to view). This is principally because of reasons relating to price, but also one with more spreads would be very thick and difficult to handle. Most pop-up books are for young children but this is not always the case. As you can see, we produce books for all ages.

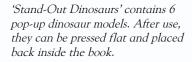
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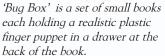


Some pop-up books have pop-up models that can be removed from the book. Others have pops you can wear!

'Incredible Wearable
Animal masks' has 5
spreads each with a pop-up
animal mask. The masks
can be returned to the book
after use.

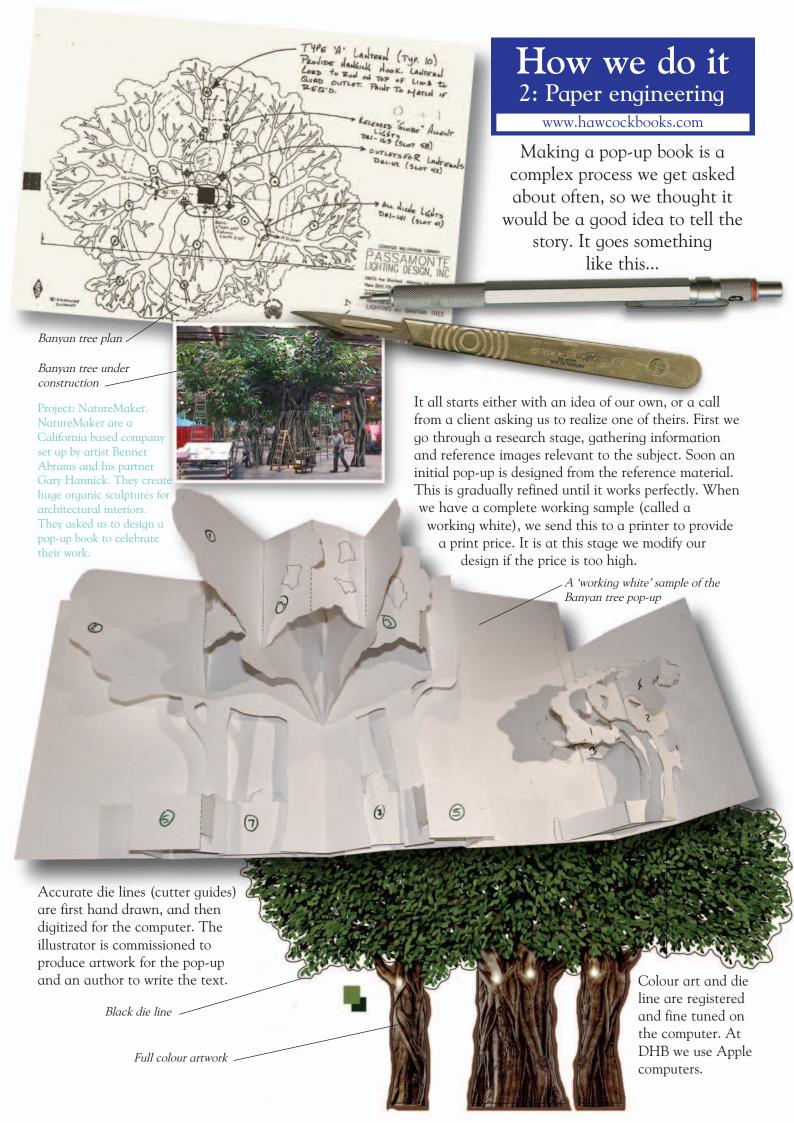






The methods by which all of these books are designed, manufactured and shipped is similar. In the following pages we hope to provide some useful information on how we do it...





## How we do it 3: Pre-print

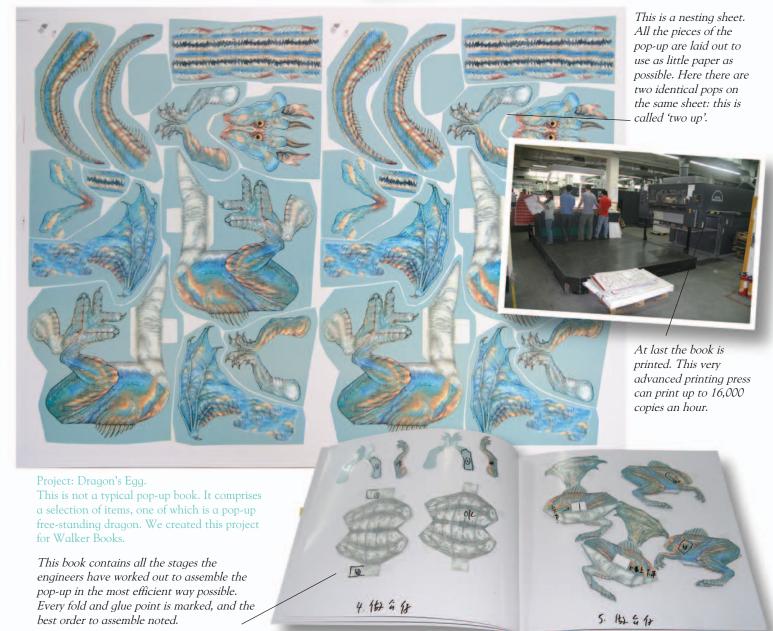
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Pop-up books are manufactured mainly in the Far East (Thailand, Singapore, and China) and South America (mainly Ecuador). After designing the pop-up book we send a fully working sample with die lines, complete colour art and text to a printer.

Our sample is sent to the printer's paper engineers to evaluate, the computer discs containing art and text files go to the reprographics department. We also provide the die lines digitally. The printer has a sophisticated CAD (computer assisted design) system that enables the paper engineers to cut out the pop pieces by machine.

Colour proofs are cut out and assembled. The skilled paper engineers work out the best way to put the pop together for bulk assembly. Our working white sample and die lines are studied and a new sample is made by the printer with suggested modifications. This will help to make the mass production of the books more efficient. At this stage the printer provides us with a final print cost.







## How we do it 5: Assembly

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The cut out pieces are taken to the assembly area. This is the process that involves the most people. Pop-up books are so complex they must be put together by hand.

All the staff are well paid (like Europe a minimum wage is set by the government) and have meals and accommodation provided. All the printers we use are regularly checked and approved by international organizations. Very vigorous standards are complied with.

All the cut pieces are sorted into small piles. The piles of pieces are replenished regularly to keep production Each person has a single, simple task to perform. Some tasks involve just folding, others gluing. Each task is designed to take the same time. If this was not the case a production bottle neck would develop. It is not unusual to have over 100 people assembling a book.

ARDIANSHIP

At last finished copies of the project appear at the end of the line. The number produced each day depends on the complexity of the item, and the number of people working on the project. The finished books go on to be packed and shipped

