PHYSICAL Models from ModelMaker: the new “paper” of the design professional

In ancient times, paper was a precious commodity, used only when a writer was setting down words for the ages. Today, we take paper for granted and use it routinely to work out ideas, starting with “back of the envelope” scribbles. And even though there’s no shortage of computer screens to compose and view documents, paper continues to be the tool of choice for many creative processes.

If you install a ModelMaker in your office, you may find that models you make become the “paper” of your profession. You can stop thinking of physical models as being too costly and time-consuming for anything but special occasions, and start using them as everyday design and presentation tools.

• Physical models in 1/10th the time, for less than 1/10th the cost
• Works with your CAD software; learn in 15 minutes
• Delight your current clients and win new ones

Model Material Cost Comparison

<table>
<thead>
<tr>
<th>1 additive model: $750 (@ $6/in3)</th>
<th>25 ModelMaker models: $30 each</th>
</tr>
</thead>
<tbody>
<tr>
<td>$750</td>
<td>$750</td>
</tr>
<tr>
<td>($30 each)</td>
<td>($30 each)</td>
</tr>
</tbody>
</table>

Model Time Cost Comparison

<table>
<thead>
<tr>
<th>1 additive model: 100 Hours</th>
<th>25 ModelMaker models: 1 Hour each</th>
</tr>
</thead>
<tbody>
<tr>
<td>100 Hours</td>
<td>1 Hour each</td>
</tr>
</tbody>
</table>

Specifications

- Dimensions: 25.25”L x 3.98”W x 13.5”H (641 x 641 x 330 mm)
- Packaging: 30.7”L x 30”W x 17.7”H (762 x 762 x 421 mm)
- Weight: 48 lb. (22 Kg)
- Operating Temp.: 20°-125°F (-7–52C)
- Storage Temp.: -10°-160°F (-23–71C)
- Power: 100–240VAC, 3A max.
- Cutting envelope: 12”L x 12”W x 1”H (300 x 300 x 50 mm)
- Resolution: 0.005” (0.13 mm)
- Cutting speed: 1.0 in/sec (25 mm/sec)
- Sound Level: 62dB(A) cutting light foam
- Computer Interface: USB 2.0
- Applications: 2Bot® Studio™ software
- Operating System: Windows 7 (including Intel-based Mac w/Parallels or Boot Camp)
- Video Adapter: OpenGL 1.5 (or later) support
- PC Specs: 2GHz processor, 1GB RAM, 5GB available disk space

BOXLIGHT, INC.
Ph: 0120 4372375 / 76 www.boxlight.com sales@boxlight.in

The fast, simple, tabletop ModelMaker®
Casting to as “Lost Foam Casting” commonly referred

This process is part behind.

Aluminum poured in sand with molten foam and leaving onto the core, aluminum wheel was then packed with metal inserts or for composite carbon fiber components.

As a design professional, we suspect you know this. But the logistics and economics of creating physical models have been so challenging that most architects have only rarely been able to enjoy their powerful advantages.

Until now.

BOXLIGHT’s Mission: to make “physical modeling too cheap to meter”.

With a ModelMaker in your office, you’ll find that the old time and cost constraints on making models simply disappear. And that means you can use models in exciting new ways:

- Want to experiment with variations of a design idea? With a few mouse clicks you can quickly create study models to evaluate in true, tangible 3D.
- Meeting in the morning to discuss revisions with a client? Go back that same afternoon with an updated model.
- Pitching a new project? Amaze the client and stand out from the competition with actual models of your proposal — for only a few dollars.

BOXLIGHT’s ModelMaker is a truly transformative device that enables entirely new ways of working, and unleashes creativity like nothing before it.

Turning Computer Models into Physical Models

The ModelMaker attaches to your computer like a printer, and fits easily on a tabletop. Install the 2Bot Studio™ software, and you’re ready to start making models. ModelMaker works with the CAD software you’re using now, including AutoCAD®, Google SketchUp, or STL files; output from any application. Simply load the file into the 2Bot Studio™ software, where you can visually position and scale your model on-screen before sending it to the ModelMaker.

The ModelMaker uses a precision-controlled cutter to sculpt your model in inexpensive rigid foams. We can supply you the foam boards or you can get more at any builder’s supply store. Your workpiece simply clamps into a ModelMaker Cassette that slides into the machine.

The ModelMaker makes models up to one foot square and two inches thick. It automatically divides larger models into tiles, so there’s no limit on the size of your creations. Two-sided models are handled by simply flipping over the cassette when the system prompts you.


The ModelMaker is so simple to use that anyone in your office can learn the basics in 15 minutes. A wealth of advanced options gives you control over every aspect of your model (for example, expanding the vertical dimension to exaggerate features of a topographic map).

The ModelMaker is so inexpensive to buy and operate that it can literally pay for itself in a few weeks. There are no expensive, proprietary supplies to buy: for quick study models, standard insulation foam works well and costs next to nothing. A range of higher-density foams is available when you want more heft and precision. You can glue, paint, or otherwise customize models to your needs.

The ModelMaker is fast, producing a typical study model in a few minutes to an hour or two. Contrast this with other methods, which generally take days and consume hundreds or thousands of dollars in labor and/or materials.

The machine requires no routine maintenance other than vacuuming out the cuttings between jobs. With the optional acoustic enclosure, it’s quiet enough for virtually any office. It needs no lubrication, adjustment, or other tinkering, and the entire unit is covered by our comprehensive one-year “hot swap” replacement program.

Join the Revolution.

ModelMaker is launching a revolution by making the expressive, communicative power of physical models more available, to more people, than ever before. No matter how you looked at models before, you’ll never look at them the same way again.

Inexpensive to buy and operate, the ModelMaker attaches to your computer like a printer, and fits easily on a tabletop. Install the 2Bot Studio™ software, and you’re ready to start making models. ModelMaker works with almost any CAD software you’re using now, including AutoCAD®, Google SketchUp, or STL files; output from any application. Simply load the file into the 2Bot Studio™ software, where you can visually position and scale your model on-screen before sending it to the ModelMaker.