



*Cut Ready*  
by THERMWOOD

# a new machine... a new approach...

*This incredible technology is being featured on business television around the world including multiple appearances on Fox Business News, Bloomberg Television, Bloomberg International Europe and Bloomberg International Asia*

*Cabinets, closets, furniture and related items with no programming. That's right, no computer, no software and no programming*

*With the potential to dramatically change our industry, it could also dramatically improve your business....and finally, it's really, really easy*

**This is a Cut Ready - Cut Center, not a CNC router.**

**Tell it what you want and it makes it... it's just that easy**



# what is a cut center?

A cut center is a machine that looks a little like a CNC router but works totally different. Instead of generating CNC programs that tell the machine how to move, it already knows how to move. It actually knows how to make products, tens of thousands of products. Simply tell it what you want, how you want it made and it makes it. This is a revolutionary approach to manufacturing that can be run by about anyone. No special technical skills, no extensive training. It's intuitive... tells you what to do, shows you what to do and connects you to a real live person if you want. This is manufacturing for real people

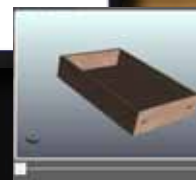


# how does it work?

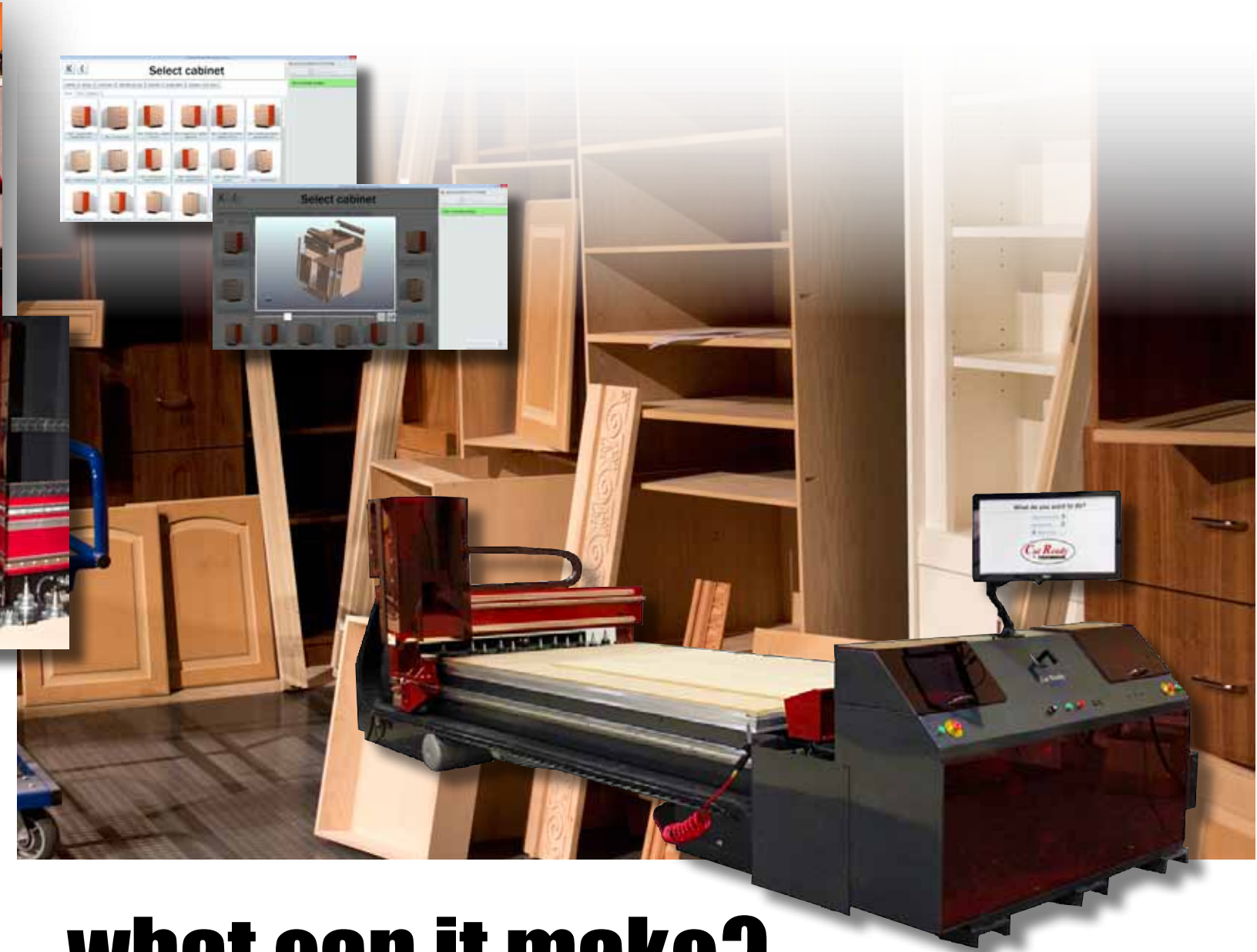
It's pretty simple...figure out what you want to make and then make it. Answer a few questions; "What do you want to do? – Make Something...." "What do you want to make? – Cabinets, Closets, Furniture, Doors, Drawers, Moldings, Shapes...just select one. It all works through an intuitive touch screen. "How do you want it made?" – the details... like frame or frameless, attached or detached toe, one or two sided material...you get the idea. Now you see images of all the products you asked for, made the way you want...touch one and there's a three dimensional image. Move it, rotate it, explode it and make sure it's what you want. Adjust the size and add it to your job. You're ready to cut

Running this machine is like nothing you've seen before. It takes you by the hand and guides you, step by step. You communicate using a "clicker" you wear on a magnetic

necklace...no reason to go to the screen every time you want to do something. If you don't understand, even the simplest instruction, it plays a video showing exactly what to do. It takes a different approach, a better, easier approach to traditional practices. For example, if parts need to be machined on both sides, the machine starts by doing the back operations first, on the full sheet. Then it flips the sheet over and completes the front operations. When the parts are cut out they are done....front and back. It manages your tools, tracks tool life, measures your tools, manages your waste board, turns vacuum on and off, even the pump, and generally does all the complicated things automatically, so you don't have to







# what can it make?

It makes a LOT....and there's more coming. Let's start with cabinets. It can already make over 10,000 different cabinet configurations, not counting different sizes. If you consider the door and drawer front combinations, it can make over 20 million different products, right now, today. It makes kitchen cabinets about any way you want. It also makes closet cabinets, bath cabinets and utility cabinets and there's some really nice features you won't find on other cabinets like assembly marks which show you which parts fit together and alignment holes that make installing drawers a snap. It also makes furniture, starting with some really nice shelves and shelf systems and some great entertainment centers. Some of these are pretty sophisticated so the machine will print instructions so you can assemble it, but we're not nearly done

The machine also makes doors, drawers and moldings. You

can make some cabinets and then tell it to make the drawers and doors and drawer fronts and applied ends for those cabinets and it does, and you never have to worry about a single dimension. Just tell it how you want the drawers made, side mount, undermount, blind dado or dovetail construction, thick or thin bottom and it makes them, and they fit perfectly. Same with doors. Select from hundreds of MDF door designs, tell it if you want partial overlap, full overlap or inset and it makes them and they fit. Or you can cut slab doors, where the grain flows smoothly across the cabinet face. And then there are moldings. The machine makes moldings, straight moldings, curved moldings, even carved moldings. You can even adjust the size of these moldings and just make them....no knives, no special tooling...just make them using the standard machine and the standard tools. What is truly amazing is that this is all so easy





## can I run it?

If you can read you can probably run it. When we first started this development, our stated goal was to create a machine that the average person could walk up to and run with no prior knowledge, no training and no manual. We are pretty close right now. Typical manuals for cabinet design software and a properly documented CNC router run well over a thousand pages, which shows you just how dramatic our vision for this machine is. Most people with CNC routers master a few products and a few techniques and are satisfied. With the cut center, everybody can do everything, easily... the limitations are gone and the possibilities are incredible



## can I afford it?

This is a totally new product with a totally new pricing dynamic. CNC routers have become a commodity product with everyone looking for the lowest possible price, but the real cost of a CNC router is not the machine, it's the other stuff... the computers, the software, the programming, the training, the tooling, the operating details, the endless setups....it all adds up. A cut center can be leased for about the same hourly cost as one average employee. A cut center can be leased for well under the typical cost of a CNC programmer and after five years, that lease payment goes away. That programmer will likely cost even more in five years

When you buy a cut center you join a movement. We plan to continuously expand the items our cut centers can make, guided primarily by the wishes of our users and you get all that new stuff, free. You also get any software updates and live virtual service free, as long as you own the machine. Years from now your cut center will be worth even more, because it will be able to do even more. That's how new generation technology works



To stay in business you need to automate...you already know that. Now there is no longer just one, but two possible paths. One direction is nested based CNC routers, which is twenty five year old technology that will turn your shop into a computer programming operation or, you can choose the new generation cut center technology that can already do more than virtually anyone with a CNC router will ever do and can be run by you and your current folks without totally changing the nature of your business. It's an important decision