PRECISION ANGLE GUIDE

I guess I am guilty of not promoting the Precision Angle Guide enough, based on the number of telephone calls I get regarding angles and what most people seem to perceive as a blade alignment problem.

When you get the ridge in the middle of your ring that you have cut on your Ring Master, it is not the result of having placed your blades into the blade holder unevenly. This ridge is caused by the angle not being perfect on the Ring Master when you set up to cut your rings. Although many people want to argue this point, let me say that the previous statement is something you can "take to the Bank". It would be very rare indeed to have a problem with the blade alignment, especially if you have used the Magnetic Blade Alignment Guide, from the manufacturer of the Ring Master.

Many of you have seen my video on "Setting up Your Ring Master" where I discuss starting the sanding process of you're glued up projects with 36 grit sandpaper. Well, prior to the introduction of the Precision Angle Guide, this was true. You would have to do quite a bit of sanding to get rid of the ridges and alignment problems.

About two years ago, a customer from Texas, Cy Dees, approached us with the precision angle guide and sent in a prototype for us to try. I can not begin to tell you just how well it worked. I sent it on to the Ring Master engineer for a trial and his reaction was to suggest that the company but the rights and include one with every Ring Master, as it was that good. However, this idea was not adopted by the manufacturer and the item was left to The Wooden Post to offer to our users.

Over the last two years, maybe even a little longer now, we have sold quite a few of these guides and have received nothing but praise for the item. I even have customers who will state that if they had to give up their angle guide, they would be hard pressed to go back to using their Ring Master.

What happens when you use the PAG, is that you are no longer relying on your measuring tape to determine the thickness of the wood. The fact is ¾" thickness of wood has to be

.750" to be ¾". Change the thickness of your wood by a couple thousands of an inch and it is no longer ¾". So even if you use a set of calipers when you mill your wood to the desired thickness, that is no guarantee that the thickness will not change over the next 24 hours, or a week. It changes with humidity, temperature, etc.

Another factor is that we have been using 1/10th's of a degree to attempt to set the angle. Remember, there are 360 degrees in a circle, then you can break down each degree into 60 minutes of a degree, then even further, each minute can be broken down to 60 seconds. So the degrees can be set very precisely, but only if you have a way to measure the thickness of the wood, then a way to determine the exact angle needed to produce those results where you can start sanding your project with either 60 or 80 grit sandpaper.

This is where the PAG comes into its own. By following a short formula with the measurement you took from your wood and with the help of a small calculator, you will be able to adjust the PAG to the exact angle to cut your rings. Does the PAG totally eliminate the ridge? Well, you have to consider that when cutting a ring, there is a point where there is simply not enough wood left to hold the ring into place and the ring will tear loose from the blank. But this is so small that there is practically no effort to sand this out.

While starting with the rough 36 grit sandpaper will allow you to sand out the ridge, it leaves large scratches in your project that have to be sanded out too, a time consuming procedure. I have, after 40 + years of wood working, never found a way to make sanding fun, necessary, but not necessarily fun. The less sanding I have to do, the better I like it.

OK you say, but why is it so expensive? Well, like many products that have been introduced to help the woodworker, there is somewhat of a limited market. Not every woodworker needs a PAG. So because they are made in small quantities, production costs remain high. However, if you are like me, I would spend a <u>lot</u> more than the $49.95 for a sander that would take the work out of this job.

The PAG can also be used for other jobs in your shop where getting the angle correct is a high priority. It can be used to set a miter gauge on your table saw to the exact angle you want. It is also very useful for those of you who own redial arm saws when the angles are consistently out of whack. It can even be use to set up your angles to sharpen wood chisels and wood turning tools.

So to encourage you to take advantage of this great tool, we are offering the PAG at a 10% savings (that's $5.00 off) for a short period of time. Order before December 31, 2003 and you will be able to buy it at only $44.95.

So why not stop beating your head against the wall and order yours today!

There – I don't feel guilty any more for not telling you about all the advantages of the PAG (Precision Angle Guide).