A spiral effect bowl 3

This is a final follow-up to my postings of a few days ago.

The differences from my previous example are:-

- The jig has been modified to allow any rotation angle (tilt still 45 degrees), including opposite angles to give contra rotating spirals as in the example above (right & top in left picture).
- I used a two-component epoxy resin glue (West System ‘junior’ from Axminster for the red veneer in the above example). This works in that there is no ‘feel’ to the veneer sections, but the glue does soak in to the wood (also different this time - Lime) and leave a mark. But it does fill well - whereas the Titebond single-veneer sections with the original bandsaw blade (yellow above) show a bit of tearing.
- I used a different bandsaw blade for the twin-veneer sections - ‘Back Tooth bandsaw blade’ from Axminster which indeed has a rippled back edge and is specially designed for cutting cylindrical blanks for those woodturners that like this (I tend to use polygonal ones). See below. More significantly here it cuts a slightly (about 0.5mm) wider kerf that does not need sanding. This works and is much simpler.

On the downside the two stage process for the two spirals (partly because it was not originally planned!) takes more off the outside of the bowl so the inside exposed veneer sections are rather short, even though the bowl is only about 4mm thick. But the concept is there. And some small pieces pulled out from the foot edge with the second bandsaw cut - possibly because the epoxy is not so strong.

Next time I will probably use twin veneers, the new blade and a different denser wood, perhaps ash. I will think about the glue and decide later after some test samples.

Will Stewart
August 13th 2018