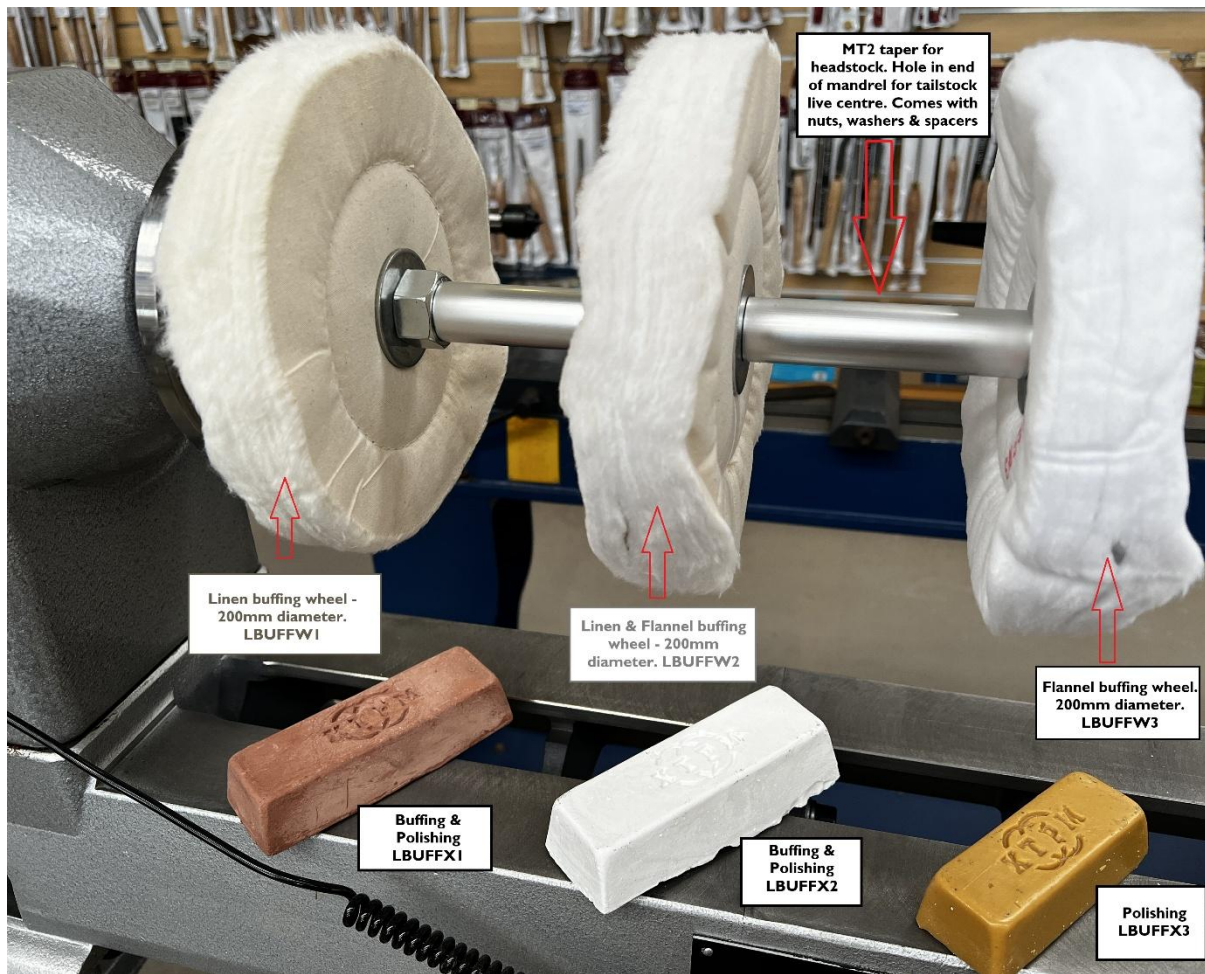


Three-Stage Buffing System



Use of the three-stage buffing system for finishing will yield a high gloss to your wooden projects.

Only for lathes with a #2 Morse Taper and a minimum of 1/2HP motor.

For safety reasons it must be used with a live centre in the tailstock with the tip inserted in the hole at the end of the mandrel (mounting rod).

Set up:

Each wheel is different and must be used in the correct order, with the correct compound.

Remove the top nut from the tapered end of the mandrel. There should be a nut at the top of the unthreaded portion of the mandrel. Thread one washer on to the mandrel at the tapered end.

Now place LBUFFW1, mounted closest to the headstock on to the mandrel. Place the second washer on the mandrel and then the nut. Tighten the nut.

Note: LBUFFW1 is made of linen and is only for use with the red buffing and polishing bar (LBUFFX1)

Now going to the other end of the mandrel you add one of the spacer sleeves then a washer then LBUFFW2 and a further washer. LBUFFW2 is a mix of linen and flannel and is for use with the white buffing and polishing bar (LBUFFX2).

Now add the second spacer sleeve, a washer and then the last of the cloth buffing wheels, LFBUFFW3 which is made of flannel. Add the last washer and nut to the outside of the wheel and tighten. This wheel is only for use with the polishing wax bar LFBUFFX3.

Bring the tailstock up with a heavy duty live centre to secure the mandrel in your lathe.

First use:

Turn the lathe on and running at around 1500 RPM get a piece of 80grit sandpaper and rub aggressively on the edge of the buffing wheel. Trim any loose threads.

Use:

Sand your project to between 320 and 400 grit. Ensure that it is dust free.

For softer timber application of sanding sealer is suggested, let this dry.

For other wood, it is recommended to apply a liberal amount of Danish oil which is rubbed in to the wood. Wipe off any excess and let it dry.

Turn the lathe on with a moderate speed between 1,400 and 1,700 RPM.

Apply a small amount of each compound to the corresponding dressed wheel.

Holding the project firmly, starting with Wheel 1 (closest to the headstock), with light pressure, allow the wheel to buff and polish the entire surface.

Turn the project around while buffing until the wood is well covered with compound and dry to the touch.

When complete, remove any loose fibres, ensure there is no excess of the compound on the project then move on to the next Wheel 2. Repeat.

Finally, Wheel 3 will apply a finishing wax.

General Buffing Safety Guidelines

- **Dust Control:** Always wear an approved dust mask or respirator. The fine abrasive dust generated during the buffing process can be hazardous if inhaled continuously over a long period.
- **Eye Protection:** Wear a full-face shield. Buffing items on a lathe or motor arbour creates a risk of the workpiece catching on the wheel and being thrown.
- **Proper Speeds:** moderate speeds are recommended – between 1,400 and 1,700.