

BRUCE HOOVER

Sanding Secrets w/Bruce Hoover

Introduction

- What is sanding?
- Sanding is your final preparation before finish is applied.

Health and Safety

- A discussion of ways to protect yourself from hazardous dust.

Surface Preparation before sanding:

- Effective methods for shear scraping.

Sanding Outside Surfaces – w/Lathe running

- How it all works and why! Familiar and not so familiar methods. Various types of disc holders and pads. Sanding irregular vessels.
- Why RPM is important.
- Formula to calculate surface speed in MPH
 - $Diameter\ (in\ inches) \times RPM \times .002975$
 - Ex. 6" Dia x 400 rpm x .002975 = 7.14 mph surface speed
- Self-powered sanders (**The Sanding Solution™**)

Sanding Outside Surfaces – w/Lathe off

- Ways to work out trouble spots, using random orbit sanders, methods to sand in the most difficult places.

Hand Sanding

- Reducing fatigue while hand sanding.

Final Surface Preparation

- Surface inspection methods. Using sanding sealers (lacquer or water-based)

Sanding Inside Surfaces

- Open Bowls – Deep Bowls – choosing the right disc holder – modifications.
- Hollow vessels – sanding the bottom (**Extend-A-Sand™**)(**The Sanding Solution™**)

Sanding Small Turnings & Spindles

- Tools and gizmos, and widgets that make this an easier task.

Off the Lathe

- Techniques for securing and sanding after the lathe.

Misc. Useful Ideas

- Cleaning discs, TIPS for gluing with CA and avoiding blotches. More widgets, storage and organization.

Wet Sanding

- For green wood, or even dry wood sometimes. Types of sandpaper and discs.

Thanks for coming, *Bruce*