

Spring 2023

Syllabus: Filer Training, **BS Better Benching**. SITC Florence, SC

An intensive three-day (Tue – Thu) Classroom and Hands on Saw Filer Technical Training Class. Students must have a working knowledge of the Saw Filer Trade and be employed by a customer of Simonds International.

Emphasis is on hands on application of skills presented in the classroom under the coaching of the Instructors. Students will rotate among the several available machines and work centers and must be prepared to perform the tasks presented. Students will work with both the Manual Bench and the Simonds 095 Automated Bench for leveraged learning. While the class topic is “Better Benching”, review of both the Fitting and Sharpening operations will also be incorporated. Strong emphasis on producing good lumber and overall productivity. Proper and safe material handling is covered in each class. This course does not incorporate Stellite™ tipped bandsaw blades at this time.

Cut resistant gloves, forearm sleeves and ear plugs are provided. Students to bring their own safety glasses and safety footwear. All machinery, hand tools, abrasives and cutting tools for student use are provided and included. Student may consider bringing their own straight edges and tension gauges. Students will take home a 3-ring binder of printed materials and password protected links to videos used in the class. Lunch on site each day is provided.

Day 1

Introductions, facility and safety orientation, Filer responsibility and Safe Work Practices
Instruction using Video and PowerPoints: Bench Set Up, Check Tools, Back Mapping

Classroom - Centered on Sharpening Review

In the Showroom

Check teeth with trouble light, Check Sharpening Head Alignment,
Video 6 Sharpener Alignment
Measure Teeth with Side Dial

At the Manual Bench – Blade Inspection, teams of two

Check for and correct bent teeth – trip hammer technique, Begin Back Mapping
First group moves to AutoBench

At the AutoBench

Use technology to inspect condition of saw body
Use AB to perform “Manual” rolls
Video Tension Profiles on Autobench

Video 3 - Identifying “False” Tension followed by hands on

Day 2

Classroom - Video Instruction, Benching Decisions

In the Showroom

At the Manual Bench - Continued hands on; level, back, tension, bent teeth

At the AutoBench - Continued Hands On, Video – Review of how to use the screens

At the sharpener – students will rotate thru the sharpening machines as well to best use time

Day 3

In the Showroom

Swage and Sharpen Review, tear down, rebuild and calibrate

Shop Hands on Benching; back, level, tension

Focused training per student’s needs based on student input and instructor observations