

Woodworking 1A: Machinery & Methods

Learning Plan

Module 2.1: Portable Power Saws

Overview

While stationary power saws are the main saws in production woodworking, there are occasions where Portable Power saws are needed. Their primary role is to cut materials during on site installations. However, they are sometimes used in the shop to replace more complicated and time consuming setups. This unit is designed to introduce you to the two most common Portable Power saws, the Circular saw and the Saber saw.

Task	Estimated Time	Actual Time
Reading/Study	1 hour	
Observation & Practice	2.5 hours	
Exercise	2 hours	

Learning Activities

✓ Task

- Read *Modern Cabinetmaking (6th edition)* pp.371-76 & 378-80 on Portable Power saws
- Review Information sheet 1, "Portable Power Saw Safety Rules"
- Observe a demonstration by the instructor on the use of Portable Power Saws and/or watch the videos below.
- Watch the Festool Saw video
- Review the Festool T-55 Visual Guide on Blackboard
- Complete Skill Activity 1, "Parts and Adjustments for a FESTOOL Circular saw"
- Review the online presentation *Saber Saws* on Blackboard
- Watch the videos of the Portable Power Saw Checklist:
 - [Saber Saw](#) (7:16)
 - [Festool Track Saw](#) (12:26)
- Complete your Portable Power Saws demonstration checklist
- Complete Skill Activity 3, "Parts and Adjustments for a Saber saw"
- Practice making freehand cuts with a Saber saw
- Complete exercise 2.1, "Using Portable Power Saws"

Assessment Activities

- Self-evaluate and submit with learning plan.