

WEEK 21 WORKSHEET

Subject: Applied Technology

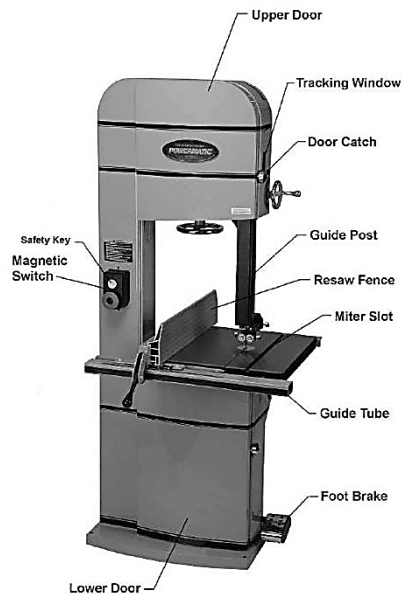
Year/Level: 13

Strand: 5	AT 13.5: Machines And Engines
Sub Strand	AT 13.5.1 Motorized Machines And Engines
Content Learning Outcome	AT 13.5.1.1 Demonstrate knowledge of the use of motorized Static machines.

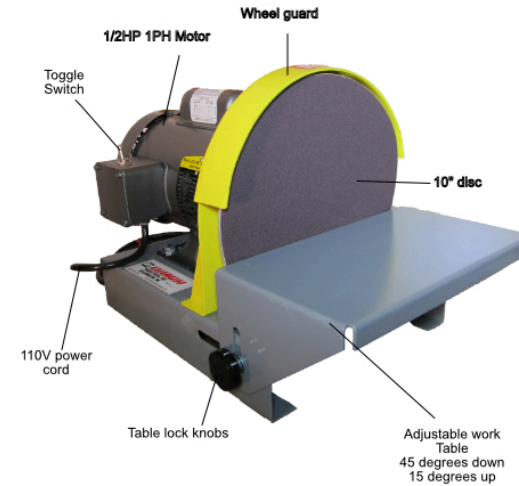
LESSON NOTES

Chapter 5: Motorized static machines

Band Saw - A band saw is a piece of machinery that is used to cut angled or curved shapes on a piece of wood.

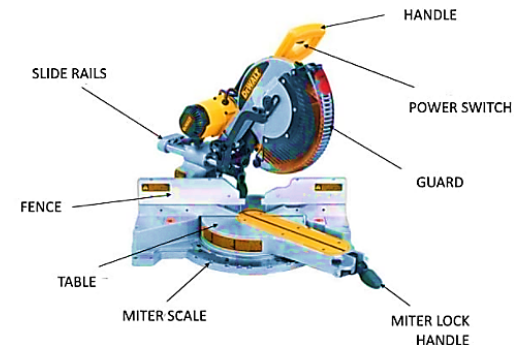


Disc Sander - A disc sander is machinery that is used to sand the end grain of a piece of timber.



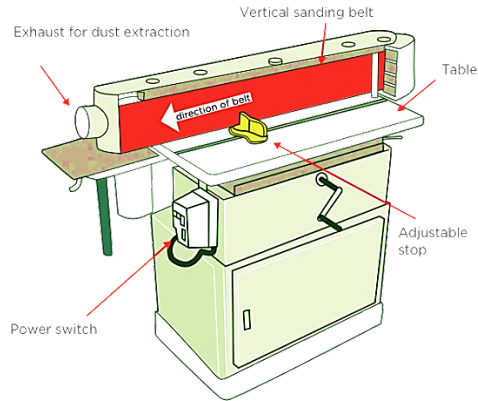
Drop Saw - are one of the most common machines that people buy for cutting timber because they are versatile and easy to use.

The drop saw replaces the hand saw because it is much quicker and can cut or trim large piece of timber and the blade can also be turned at an angle for cutting things like mitre joints.

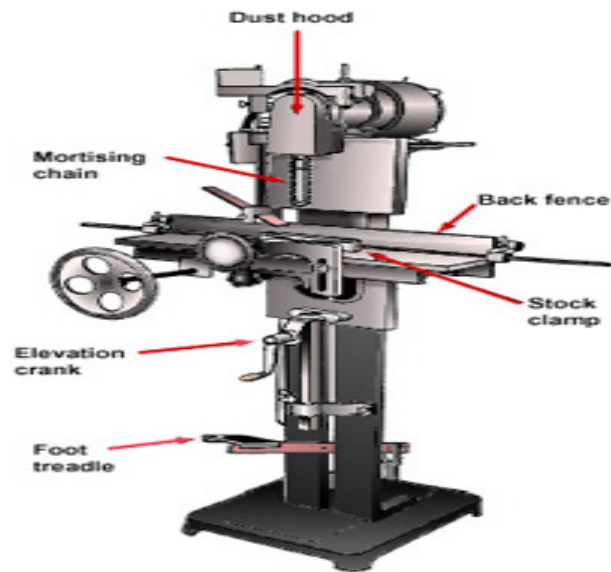


Linisher: - is the machine version of a portable belt sander and it works exactly the same way as one. This machine is the opposite to a

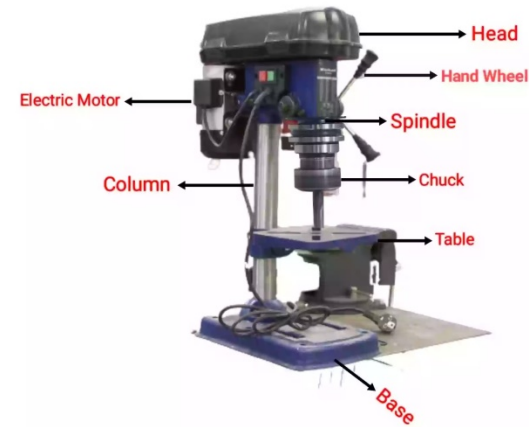
disc sander which is only for end grain where the finisher is for the edges and faces of a piece of timber.



Mortising Machine - is a special type of machine that has a special drill bit which can bore out square holes. Mortising machinery is designed specifically to make mortises for mortise and tenon joints and they are much more quick and easy to use than making the joint with a mallet and chisel.



Pedestal drills - are much more accurate than any other drilling method because the user has the ability to clamp down what they are drilling and they can drill holes in larger materials.



STUDENT ACTIVITY

1. Identify the uses of the following machines:

a) Band saw

b) Mortising machine

c) Linisher

d) Drop saw

THE END