

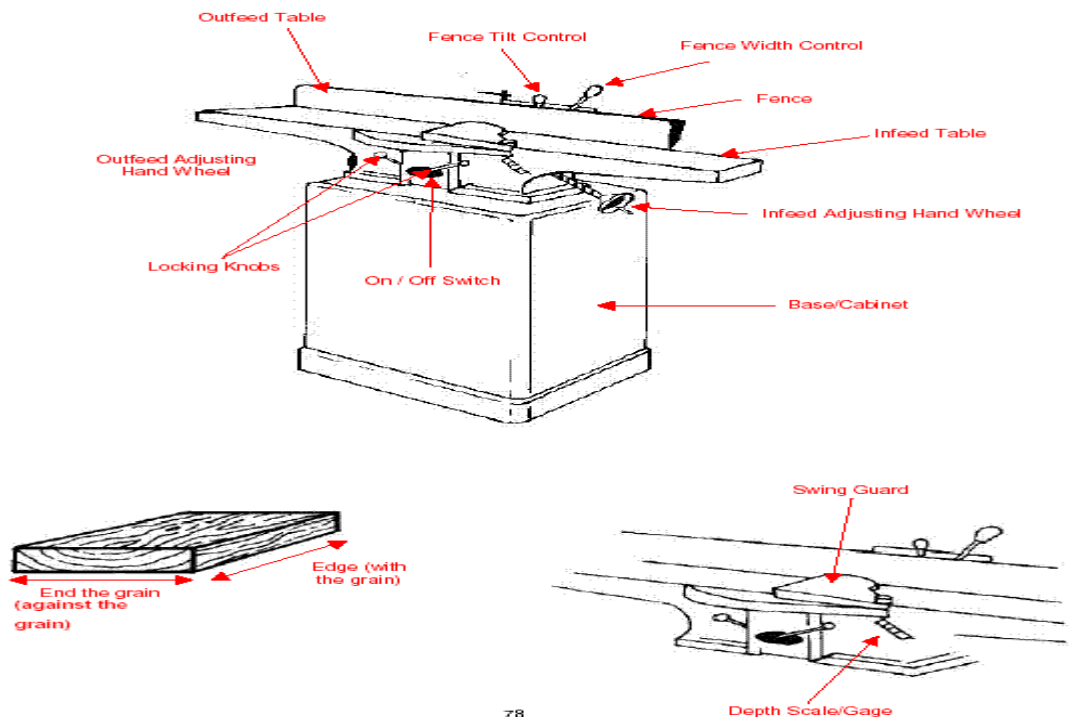
Jointer Notes

Requirements:

Proper eye protection must be worn—operate only with instructor's permission and after proper instructions have been received.

1. Always keep the knives of the jointer sharp. Dull knives tend to cause kickbacks and will result in poor planing. Report dull knives to the teacher immediately.
2. The fence should be tight. Never adjust the fence while the jointer is running.
3. Adjust the depth of cut before you turn the jointer on. The maximum safe plane thickness is 1/16 inch.
4. Be sure that the guard is in place and operating with ease. If the regular guard is removed, a special guard must be provided.
5. Always allow the machine to come to full speed before using it.
6. Check all stock for knots, splits, metal particles, and other imperfections. Remove them before you plane the stock.
7. Do not use the jointer on plywood or PARTICLEBOARD.
8. Stand to the side of the jointer, never directly behind it. You want to be out of the way in case of a kick back.
9. Cut with the grain. Also, never joint the end of a board!
10. Always use a push stick or push block when the wood is below the height of the fence or when surfacing the wood.
11. Do not try to make too heavy of a cut. The maximum safe plane thickness is 1/16 inch.
12. Use COMMON SENSE when stock is too thin or thick to joint safely.
13. Never apply pressure to the board with your hand directly over the cutter head area.

Jointer Parts



Jointer Written Test

Use the correct heading and write the answers on your own paper! Use the BEST answer to complete the following:

1. ALWAYS keep the knives of the jointer (Dull Sharp).
2. It is (Safe Dangerous) adjust the fence while the jointer is running.
3. Adjust the depth of cut (After Before) you turn the jointer ON.
4. (1/2 inch 1/8 inch 1/16 inch) is the maximum SAFE plane thickness.
5. You should allow the machine to come to (Half Full) speed before using it.
6. You (Can Cannot) SAFELY use the jointer on PLYWOOD or PARTICLEBOARD.
7. Cut (Against With) the GRAIN.
8. You (Should Should not) use your hands to clean wood shavings from ANY table.
9. If you are facing and using the jointer, the kick-back danger area is to your (Left Right).
10. You (Should Should not) turn the dust collector on before you start your work.

List five SAFETY procedures you should do before you operate this or any machine:

11. _____
12. _____
13. _____
14. _____
15. _____

Jointer Written Test Key

1. Sharp
2. Dangerous
3. Before
4. 1/16 inch
5. Full speed
6. Cannot
7. With
8. Should not
9. Right
10. Should

List five safety procedures you should do before you operate this or any machine:

11. Tuck in your shirt.
12. Secure your hair.
13. Remove jewelry.
14. Wear Z87 safety glasses.
15. Work with a partner.
16. Listen for and report all problems immediately.
17. Make sure that any guards are in place and working.
18. No horseplay.
19. Keep work area clean.
20. Protect hands.

Jointer Hands-On Test

Name: _____ Date: _____
Subject: _____ Per: _____

1. What does it do?

2. Why is it useful?

3. Can the student identify this machine (point to it)? (Yes No)
4. Identify the following parts:

<input type="checkbox"/> On/off switch	<input type="checkbox"/> Kick back zone	<input type="checkbox"/> Guard
<input type="checkbox"/> Infeed table	<input type="checkbox"/> Infeed table adjustment lever	<input type="checkbox"/> Cutter head
<input type="checkbox"/> Outfeed table	<input type="checkbox"/> Infeed depth of cut gauge	<input type="checkbox"/> Fence
<input type="checkbox"/> Dust collector		
5. Safety procedures followed before using the machine:

<input type="checkbox"/> Shirt tucked in	<input type="checkbox"/> Z87 safety glasses
<input type="checkbox"/> Hair secured	<input type="checkbox"/> Checks kick-back zone
<input type="checkbox"/> Remove jewelry	<input type="checkbox"/> Gets help from/helps partner as needed
6. Procedures for operating machine (teacher designate):

<input type="checkbox"/> Fence adjustment—makes sure that it is big enough and uses a push stick if needed.
<input type="checkbox"/> Infeed table adjustment—1/16 inch maximum cut.
<input type="checkbox"/> Left hand—keeping board flush with the fence, but stays far away from the cutter head.
<input type="checkbox"/> Right hand—guides the board, but stays away from the cutter head.
<input type="checkbox"/> Feet—facing the machines and does the “side step.”
<input type="checkbox"/> Vents—double-check to make sure that they are open.
7. Makes two safe and successful operations:

a) <input type="checkbox"/> Yes	<input type="checkbox"/> No
b) <input type="checkbox"/> Yes	<input type="checkbox"/> No
8. Makes sure that the machine has been shut down properly, that the area is clean, and puts tools away. Yes No