



WOOD JOINTER

RIT

The Student Hall for
Exploration and Development

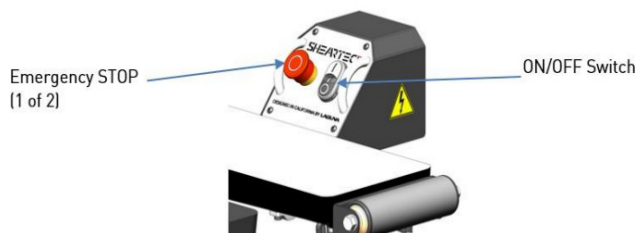
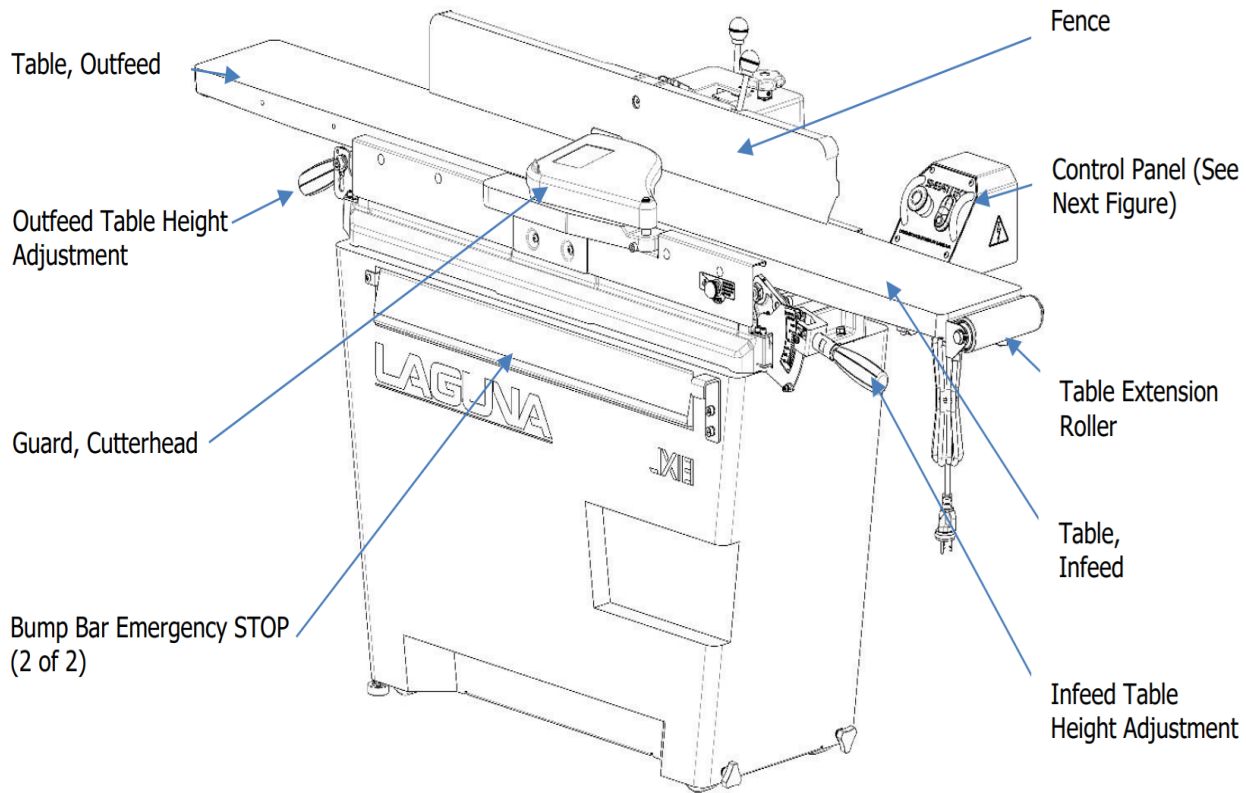
WOOD JOINTER

FOR CREATING FLAT EDGES TO BE JOINED TOGETHER

MACHINE INTRODUCTION

P.2

VERSION #



MATERIALS

ALLOWED MATERIALS

- + Hardwood
- + Plywood

BANNED MATERIALS

- Plastic
- Metal
- Foam

CONSULT MAKERSPACE STAFF FIRST

- + All other materials

WOOD JOINTER

SAFETY

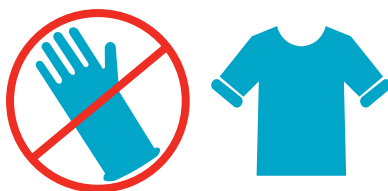
VERSION #

TAKE PROPER SAFETY PRECAUTIONS WHEN OPERATING THE JOINTER

P.3



- Safety glasses required
- Hearing protection recommended (ear plugs or ear muffs)



- Wear short sleeves or roll up long sleeves
- Secure any loose clothing (zip up jackets, tuck in strings, etc.)
- Tie up and tuck in long hair
- Remove jewelry and lanyards, etc.
- Do not wear gloves

WOOD JOINTER

WHAT TO BRING

TOOLS AND MATERIALS NEEDED

P.4

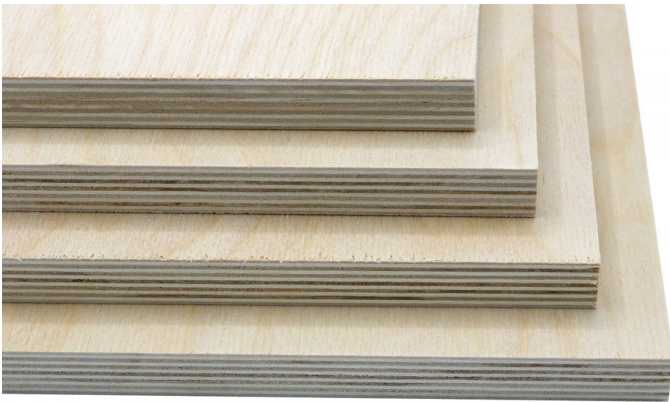
VERSION #



MATERIALS

- Hardwood
- Plywood
- Common places to buy materials:
 - ID Shop
 - Foundation 3D Design Shop
 - Lowe's
 - Home Depot
 - Any wood/lumber store

If bringing your own material, you must provide a receipt or MSDS as proof of what it is



**ALWAYS KEEP HANDS ON
THE INFEED SIDE OF THE
TABLE**

QUICK CHECK BEFORE STARTING

1. Make sure the infeed is set to 1/16" or less
2. Push material against fence
3. Turn on dust collection / open blast gate
4. Turn on jointer

**HOOK THUMB OVER END OF
BOARD TO KEEP AWAY FROM
CUTTERHEAD**

DURING THE JOB

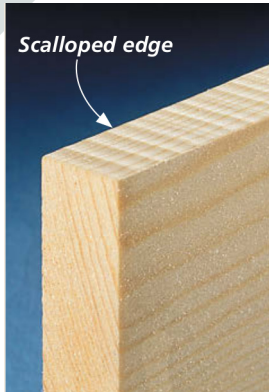
1. Apply pressure against fence
2. Hold board securely with both hands
3. Feed board across table into cutterhead
4. Adjust hand placement to continue feeding
5. Feed until material is fully on the outfeed side
6. Turn off planer

**USE A PUSH STICK / BLOCK
FOR SMALLER BOARDS**

CLEANUP

1. Brush off tables of any chips / dust
2. Sweep up around the machine





RAISED GRAIN / ROUGH SURFACE

- Reduce amount of material taken off
- Feed slower across cutterhead

CHUNKS REMOVED / TEAROUT

- Should never try to joint end grain
- Re-orient material or use different machine to clean up ends

FACES AREN'T SQUARE

- Not holding workpiece against fence tight enough
- Fence needs to be adjusted by Makerspace Staff










WHEN IN DOUBT ASK A MAKERSPACE STAFF



Hazard Communication Standard Pictogram

The Hazard Communication Standard (HCS) requires pictograms on labels to alert users of the chemical hazards to which they may be exposed. Each pictogram consists of a symbol on a white background framed within a red border and represents a distinct hazard(s). The pictogram on the label is determined by the chemical hazard classification.

HCS Pictograms and Hazards

Health Hazard  <ul style="list-style-type: none"> • Carcinogen • Mutagenicity • Reproductive Toxicity • Respiratory Sensitizer • Target Organ Toxicity • Aspiration Toxicity 	Flame  <ul style="list-style-type: none"> • Flammables • Pyrophorics • Self-Heating • Emits Flammable Gas • Self-Reactives • Organic Peroxides 	Exclamation Mark  <ul style="list-style-type: none"> • Irritant (skin and eye) • Skin Sensitizer • Acute Toxicity (harmful) • Narcotic Effects • Respiratory Tract Irritant • Hazardous to Ozone Layer (Non-Mandatory)
Gas Cylinder  <ul style="list-style-type: none"> • Gases Under Pressure 	Corrosion  <ul style="list-style-type: none"> • Skin Corrosion/ Burns • Eye Damage • Corrosive to Metals 	Exploding Bomb  <ul style="list-style-type: none"> • Explosives • Self-Reactives • Organic Peroxides
Flame Over Circle  <ul style="list-style-type: none"> • Oxidizers 	Environment (Non-Mandatory)  <ul style="list-style-type: none"> • Aquatic Toxicity 	Skull and Crossbones  <ul style="list-style-type: none"> • Acute Toxicity (fatal or toxic)

For more information:



U.S. Department of Labor



OSHA

Occupational
Safety and Health
Administration

www.osha.gov (800) 321-OSHA (6742)

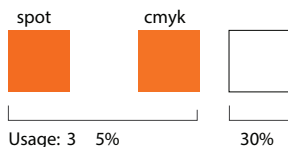
OSHA 3491-01R 2016

RIT Brand Elements collected

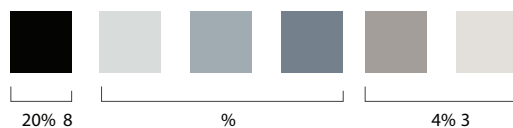
These are some of the elements that we use frequently. Last updated 092721

Colors

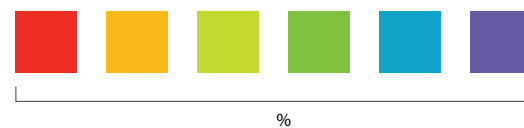
Primary



Secondary



Accents



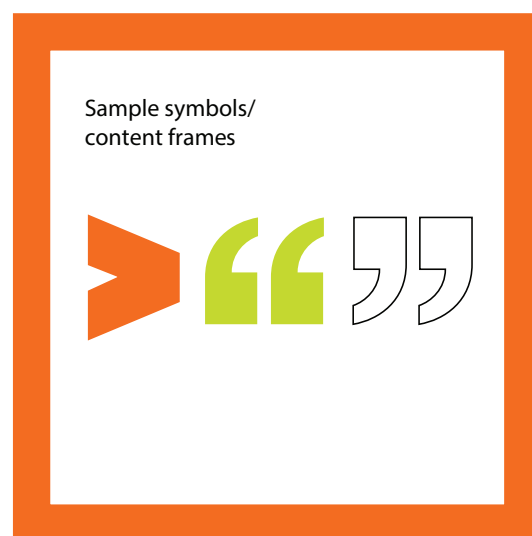
Moving frame edges



Prisms



Closed content frame



Moving content frame



Content brackets



Typical frame line thickness is 14 pt. on a 8.5" x 11" page

Orange corner cut style

Shape the Future
and Improve
the World

Sample usage of an orange line separator and
an open content frame with text

OPEN
HOUSE

Saturday
9/28
2019

We have many exciting
facts to share with you,
but there's one special
attribute we'd like you to
associate with RIT:

Value.

The

Right Fit