



-log salvaging, sawmill and lumber store



**HATCH**  
**WORKSHOP**

-design/builds wood and metal commercial furnishings

# Using Reclaimed Wood for Outdoor Projects

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# Introduction

- Texan
- Graduate of UT School of Architecture
- learned woodworking with Mark Macek
- Founded Hatch Workshop in 2010 in Austin
- We've produced hundreds of furniture pieces that live in Central Texas
- Co-founded Harvest Lumber Company

# Presentation outline

- know your wood
- wood for exterior purposes- species list
- implications of using exotic wood species
- harvest urban lumber- process and products
- outdoor projects

# Know your wood

- use wood rot resistant woods
  - white oak
  - western red cedar
  - cypress
  - ash
  - ash juniper
- tropical hardwoods

[www. Wood-database.com](http://www.Wood-database.com)

[www.woodmagazine.com](http://www.woodmagazine.com)

# HARVEST LUMBER COMPANY

-background and experience

-Logs

-Sawing

-Storage

-Air drying

-Kiln drying

-Lumber retail

-Questions?



Harvest Lumber Company

# LOGS

- Wood species and trunk sizes

  - pecan, oak, elm, mesquite, walnut, cypress, pine, pear, misc

  - 18" diameter minimum, 8 ft length

- Sources

  - Arborists and Tree Care companies

  - Homeowners

  - Municipalities

  - City of Austin, Parks and Recreation Dept- Wood Reclamation Project

# LOG PICK UP

Residential

1-3 logs

Limited access

Truck, trailer, winch,  
ramp









# SAWING

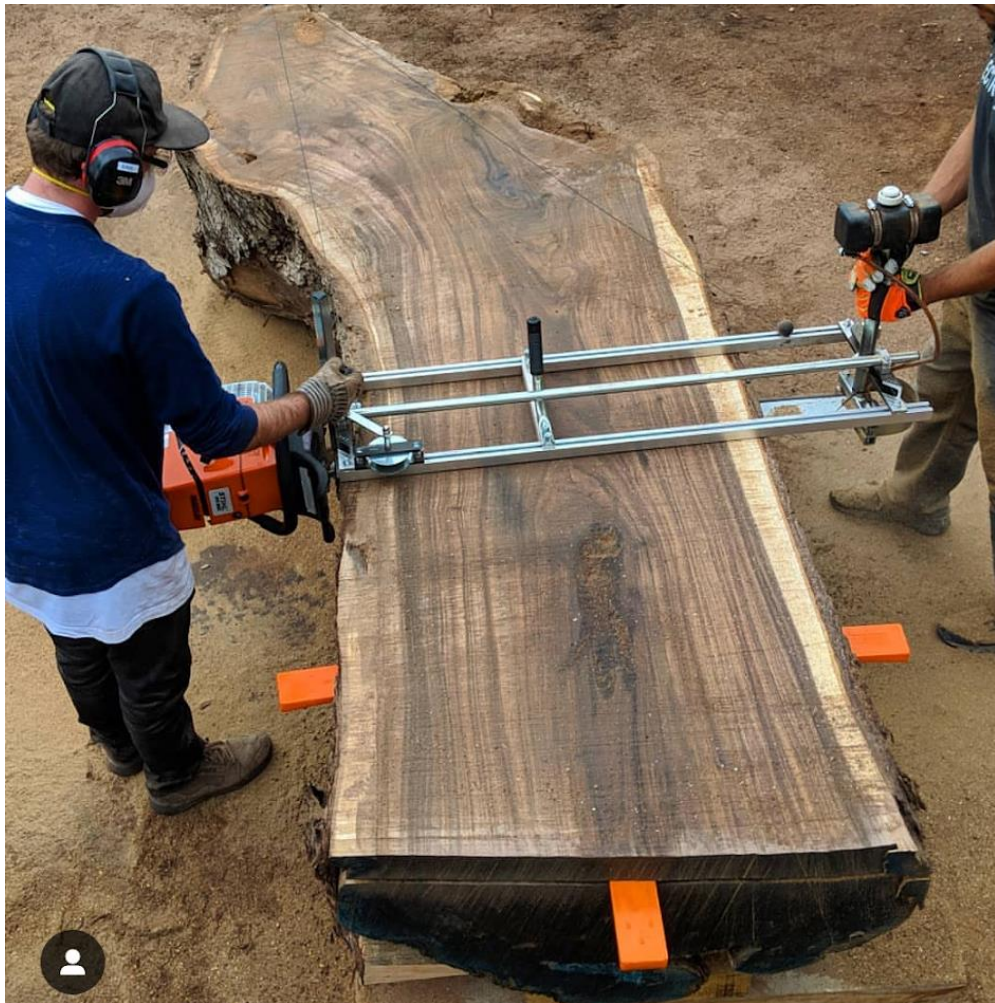
- Bandsaw mill - Woodmizer LT40
- Stihl MS 880 chainsaw with Granberg Alaskan Mill
- Nails are common in urban lumber
- sharpening bandsaw blades
- Other sawyers with larger mills- Urban Sawyers and Berdoll Sawmill
- We saw all logs at our yard
- Lumber thickness
- Live edge slabs or dimensional lumber













# Lumber

- organizing lumber stacks
- fluted stickers
- air drying for 3 months



# KILN DRYING

- NYLE L200 Electric Dehumidification Dry Kiln

- Insulated, sealed “container”

- Approx 2000 board feet per load

- 4 week kiln cycles

- similar species, thickness, moisture content

- Wet bulb, dry bulb thermometers

- 4 probe moisture meters

- heat treating- 135 degrees for 36 hours





LUMBER KILN







LUMBER KILN

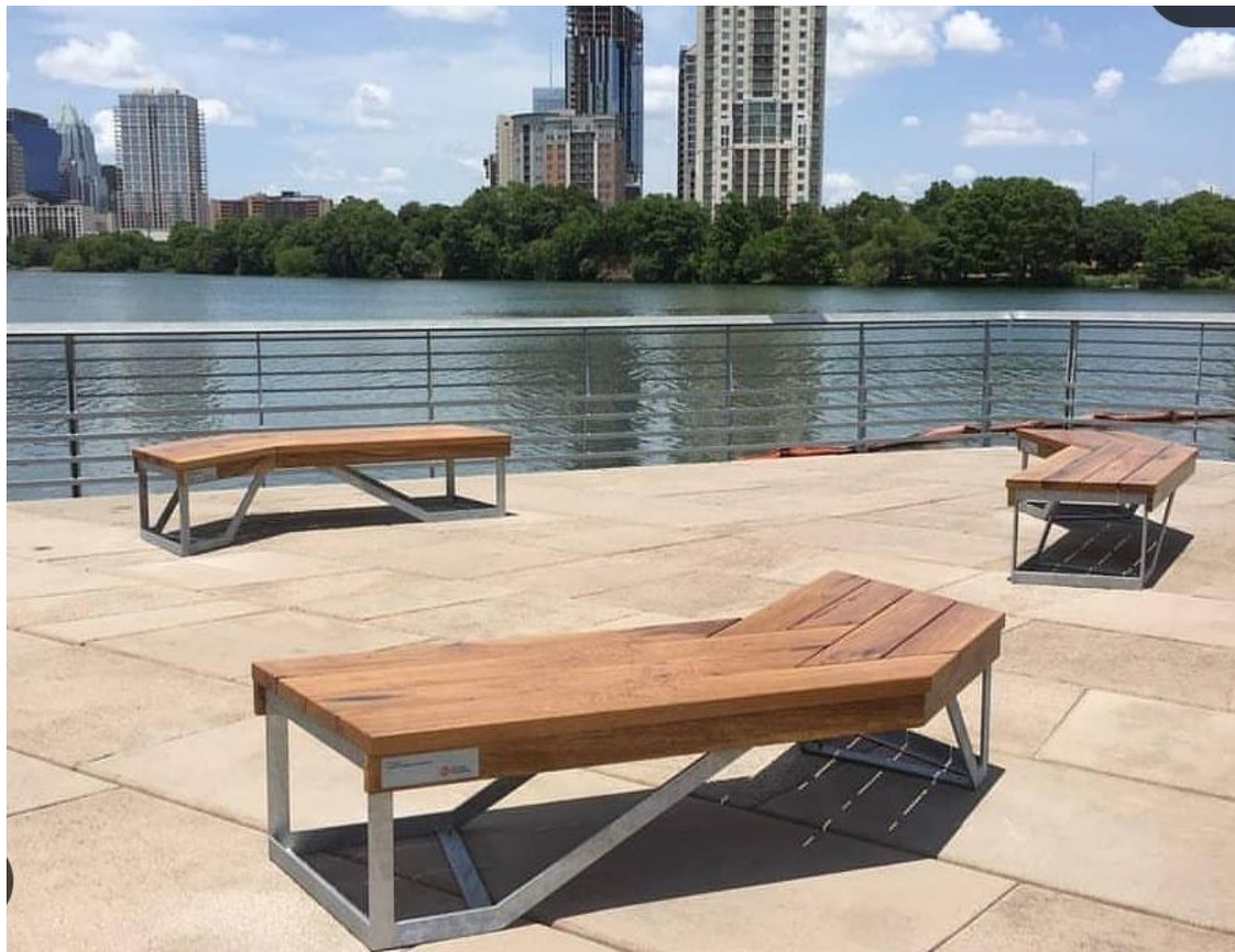
HYSTER

# Unique Regional Wood Species









# City Log Pick Up

PARD Wood Reclamation Yard  
2405 Stratford Dr  
Austin, TX 78746

First Friday of each month- 9 am- 3 pm

-Must load yourself

-Forester can cut pieces for you.

<https://www.austintexas.gov/event/wood-reclamation-1>

# KEYS FOR SUCCESS

- pick a rot resistant wood species
- paint or seal the wood very well
- keep under a roof or in shade
- seal end grain
- keep off direct contact with ground
- inspect and re-seal annually





-Check out our inventory

-Schedule a free log pick up at [Harvestlumberco.com](http://Harvestlumberco.com)

# HARVEST LUMBER COMPANY

*641 Tillery, Austin TX 78702 - [www.harvestlumberco.com](http://www.harvestlumberco.com)*

*Showroom Hours: Thursday-Friday - 9 am - 5pm, Saturday 10 am - 2 pm OR By Appointment*

Retail lumber and woodworking supplies

Unique wood species

Live edge lumber

Pre-planed lumber for DIY projects

Trade Discounts

Steel shelving brackets and coffee table legs

