



Bandsaws –B Powell

Temporarily I have 3 bandsaws

1. Shopfox 14" bandsaw in Groveland shop



- very compact
- good fence
- built-in locking wheels
- handles $\frac{3}{4}$ " blade
- 1 HP motor

ShopFox from back



2. Inca Model 640 benchtop in SF



This has been a workhorse for 40+ years.

All resawing done on Inca bandsaw



All the 6"X6"
old-growth fir
beams used
to make the
bending
forms were
shaped on
the Inca

3. Newest but Oldest – a circa 1950's Craftsman Model 103.xxx

**Craftsman bandsaw w
stand**



Donated by Dr. Torney in May 2020,
it came w/o stand but with a motor

Craftsman bandsaw has that 1950's solid construction

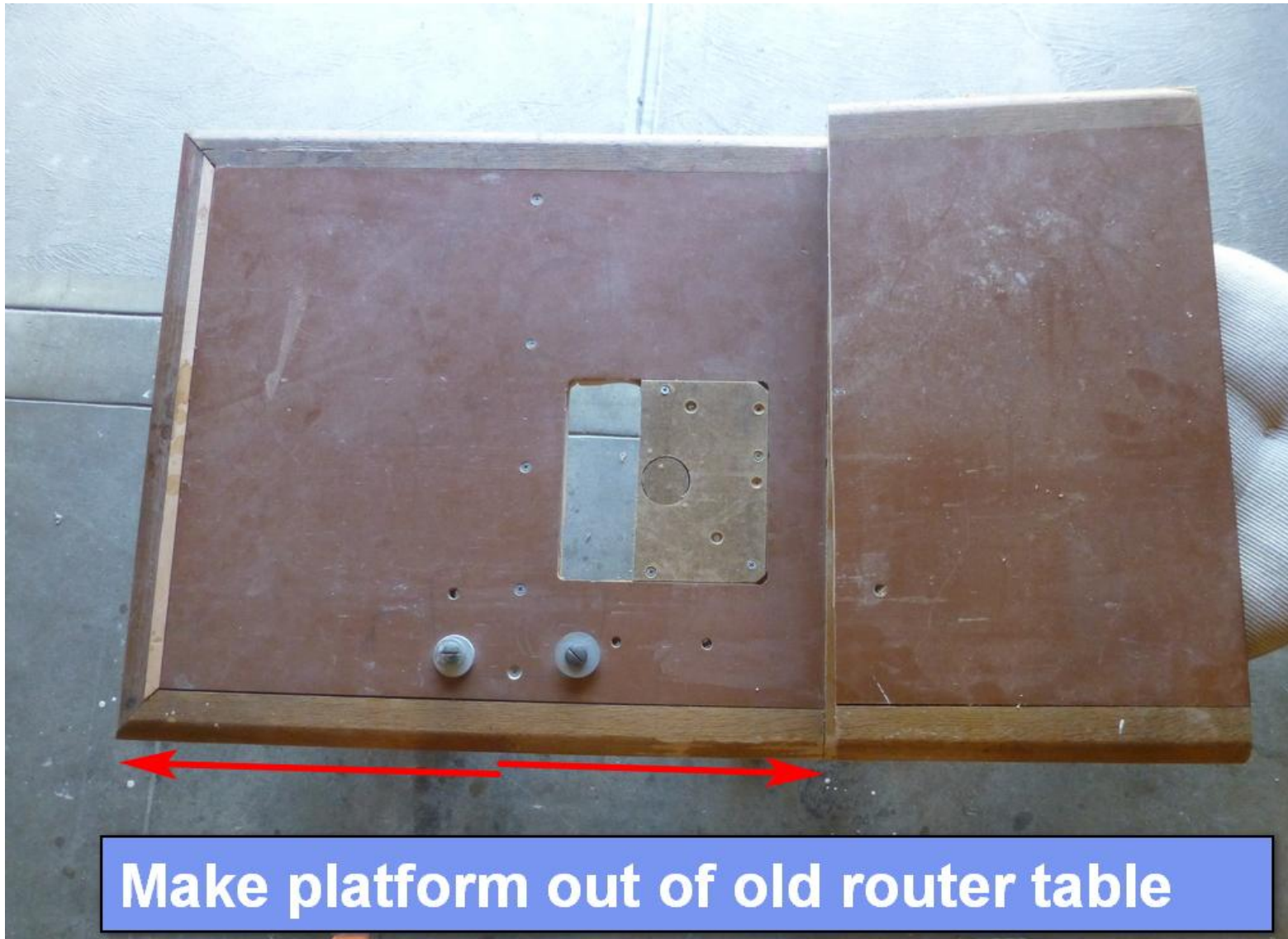


All-metal,
precision
castings

Heavy-duty
wheels

But..Terrible
blade guides

Make platform, run v-belt through
existing hole



Make platform out of old router table



Add legs from old 2X4's



Bandsaw stands on HTC2000 adjustable mobile base for power tools

Turns out motor donated with bandsaw spun in wrong direction





Buy 62" v-belt, set up motor to spin bandsaw

Tension Adjust.



Pivot

Add floating plate w motor to tension v-belt



**Add paddle switch, connect motor, mount blade, tune blade guides, and turn it on for first spin.....and....whoosh! it's screaming... tires are flexing 3/4 inch off wheel.
Conclusion: Something is wrong**



**Change old tires for new urethane tires.
Instructions don't begin to tell you how
tough this is to do.**



Switch first 3750RPM motor for 1725RPM motor. Once again, switch motor windings to reverse spin.





Final cleanup and paint

Comparison between Inca and Craftsman bandsaws

Inca:

- takes a 78" blade
- has 3/4HP motor
- has some dust collection
- runs opposite to all other bandsaws
- (need to flip blade!)



Craftsman:

- takes a 80" blade
- has 1/2 HP motor
- no dust collection port
- A bit deeper throat