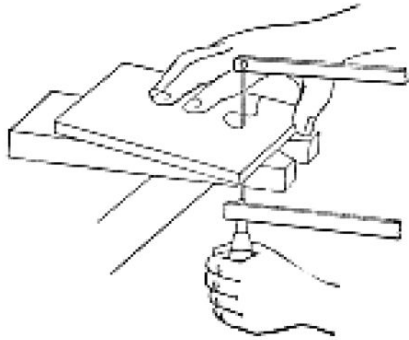
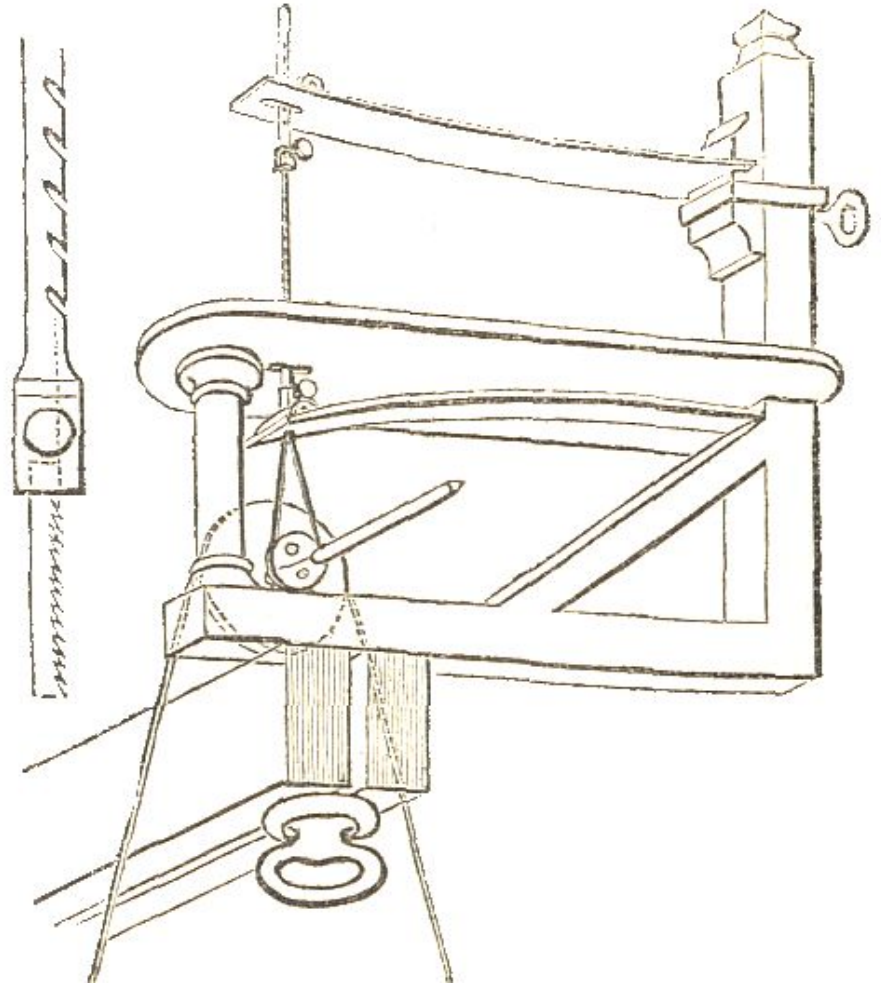


The Scroll Saw

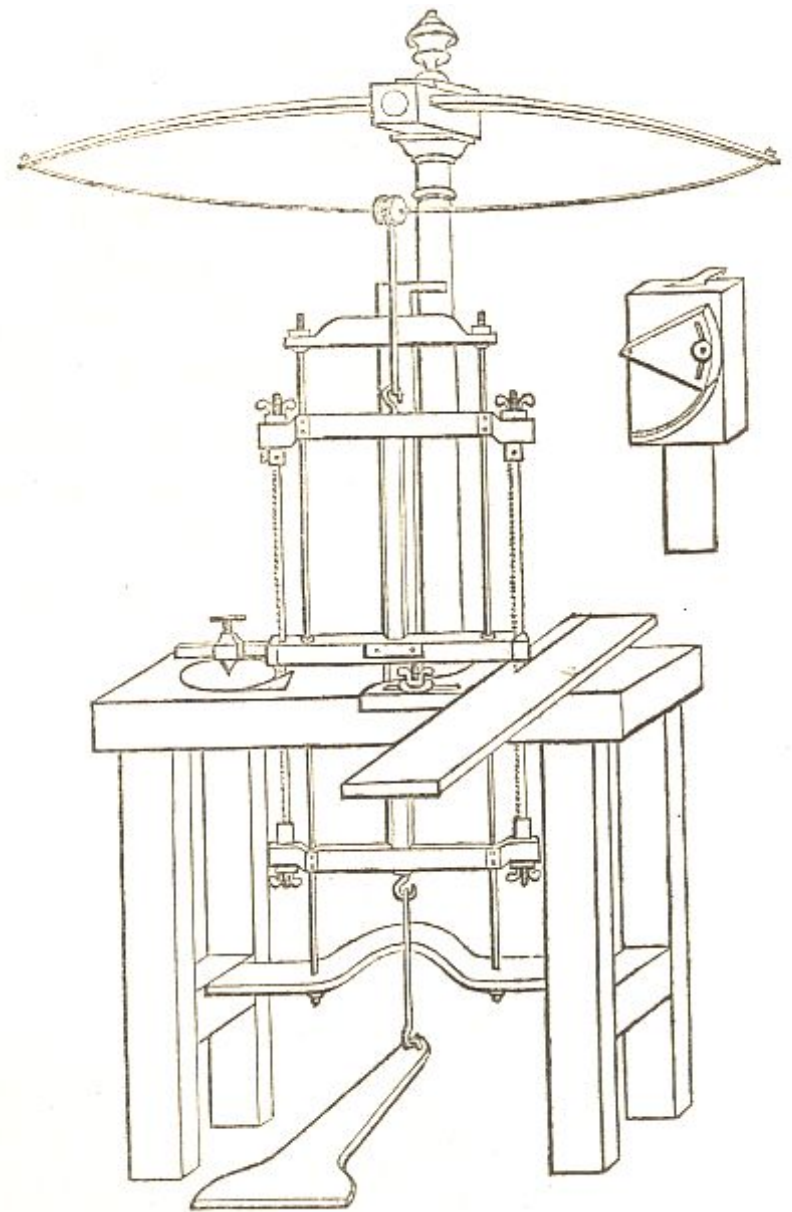
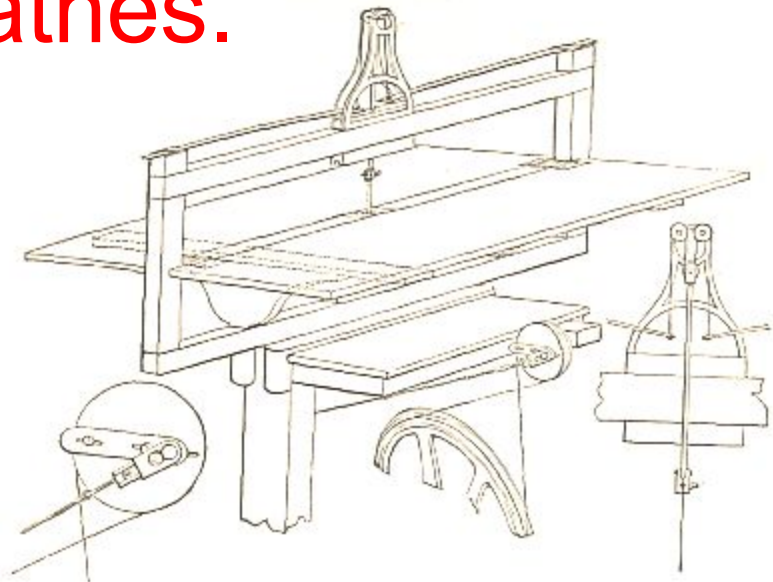


Everything
used to be
done with
hand tools.

Holtzafppel's 1846
sketches show early
Scroll Saw plans.

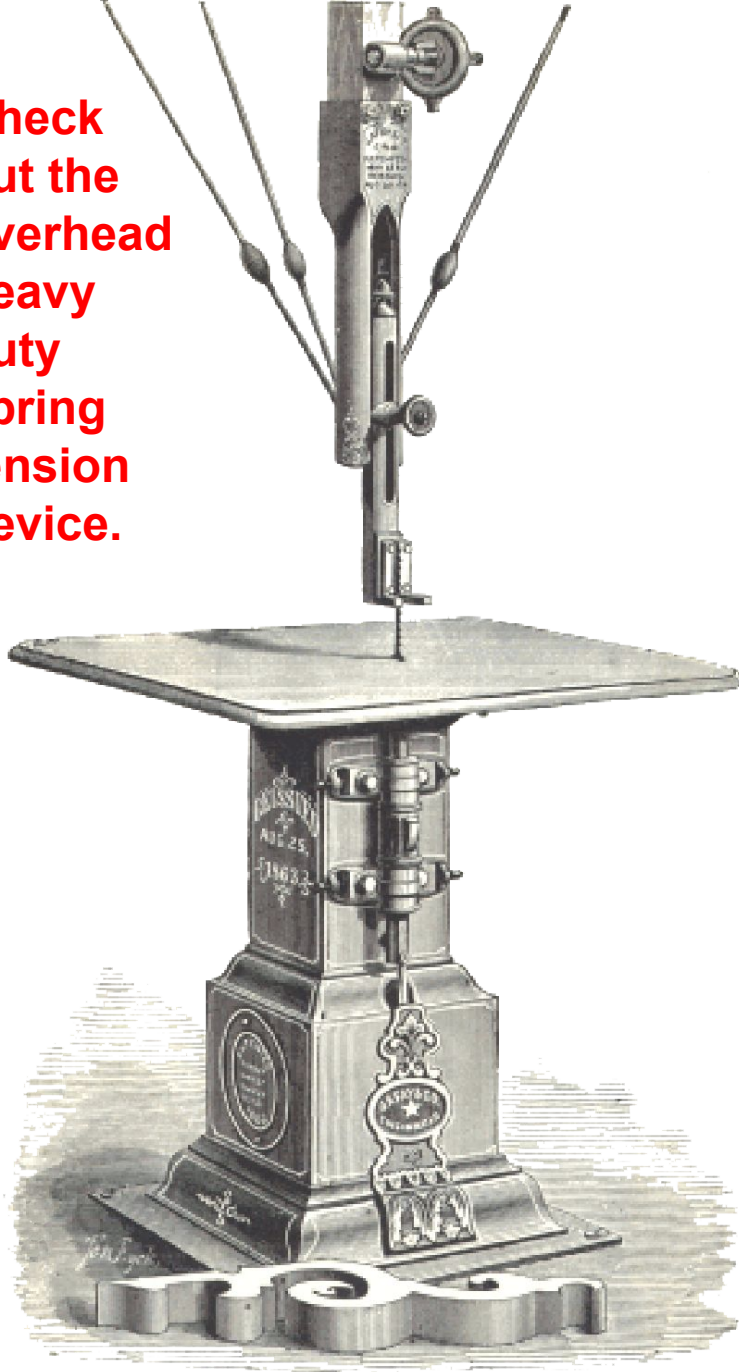


Holtzapfel's well thought out designs have a variety of drive and spring back methods similar to early lathes.



Treadles were often used as early sources of power.

**Check
out the
overhead
heavy
duty
spring
tension
device.**

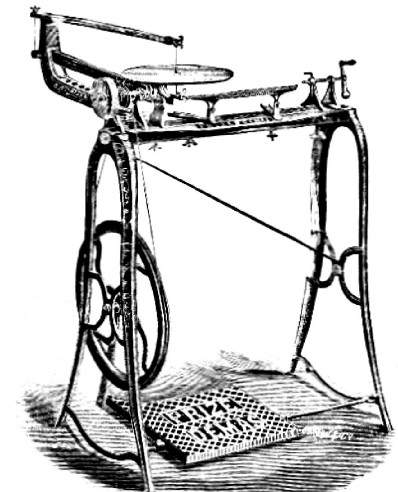


**This 1850-s treadle
machine is also a
tablesaw.**



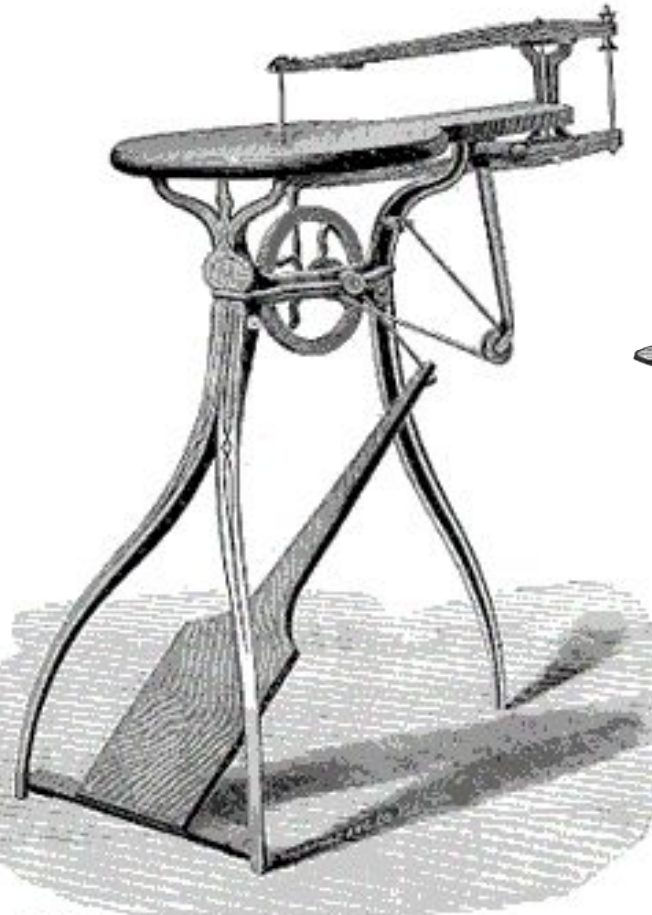
**This 1876 treadle
machine minimizes
the overhead spring.**

**It's hard to tell
that this 1863
Scroll Saw is
foot powered,
(front treadle
folds closed)
but it has that
cool Victorian
style so
necessary to
the machine.**

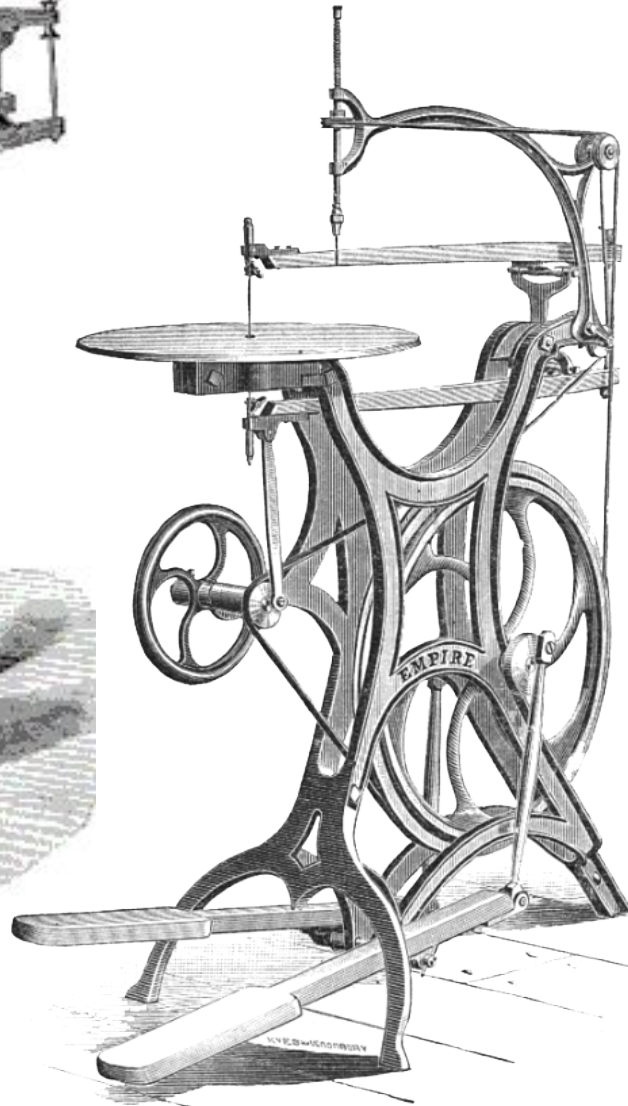


**This 1881 model hooks
to a treadle wood lathe.**

Eventually treadles turn into pedals and increased torque (turning power).



Treadle Scroll Saw



EMPIRE SCROLL SAW.

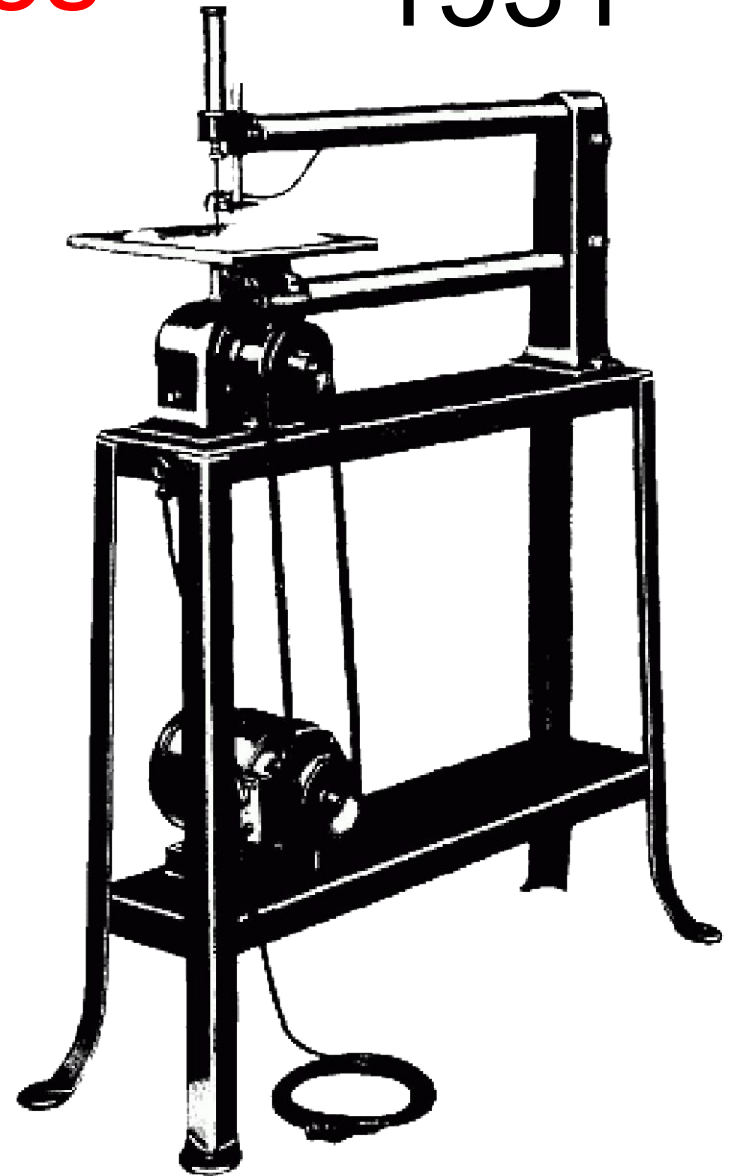
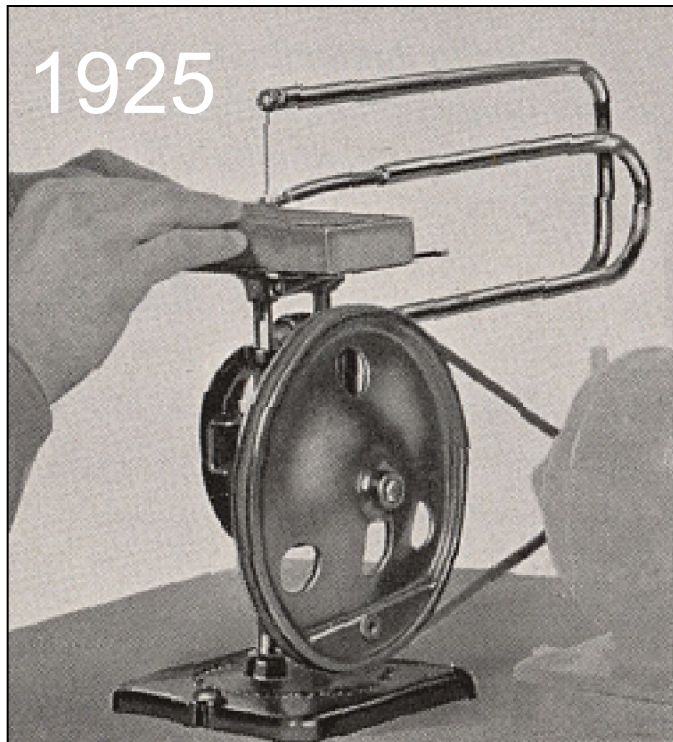


Barnes Velocipede Scroll Saw

Early Delta Machines

1931

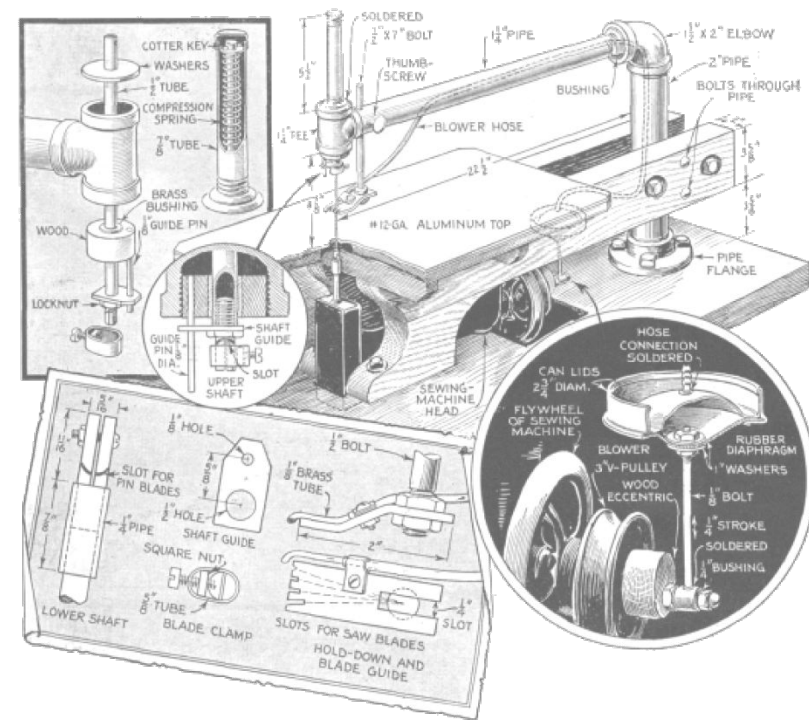
Electricity helps the operator to stay focused on the work instead of worrying about pedaling the machine.





The do-it-yourself movement began during WWII... when materials were being diverted for the war effort.

1941 Popular Mechanics make it yourself Scroll Saw plans.



The government encouraged everyone to make do.

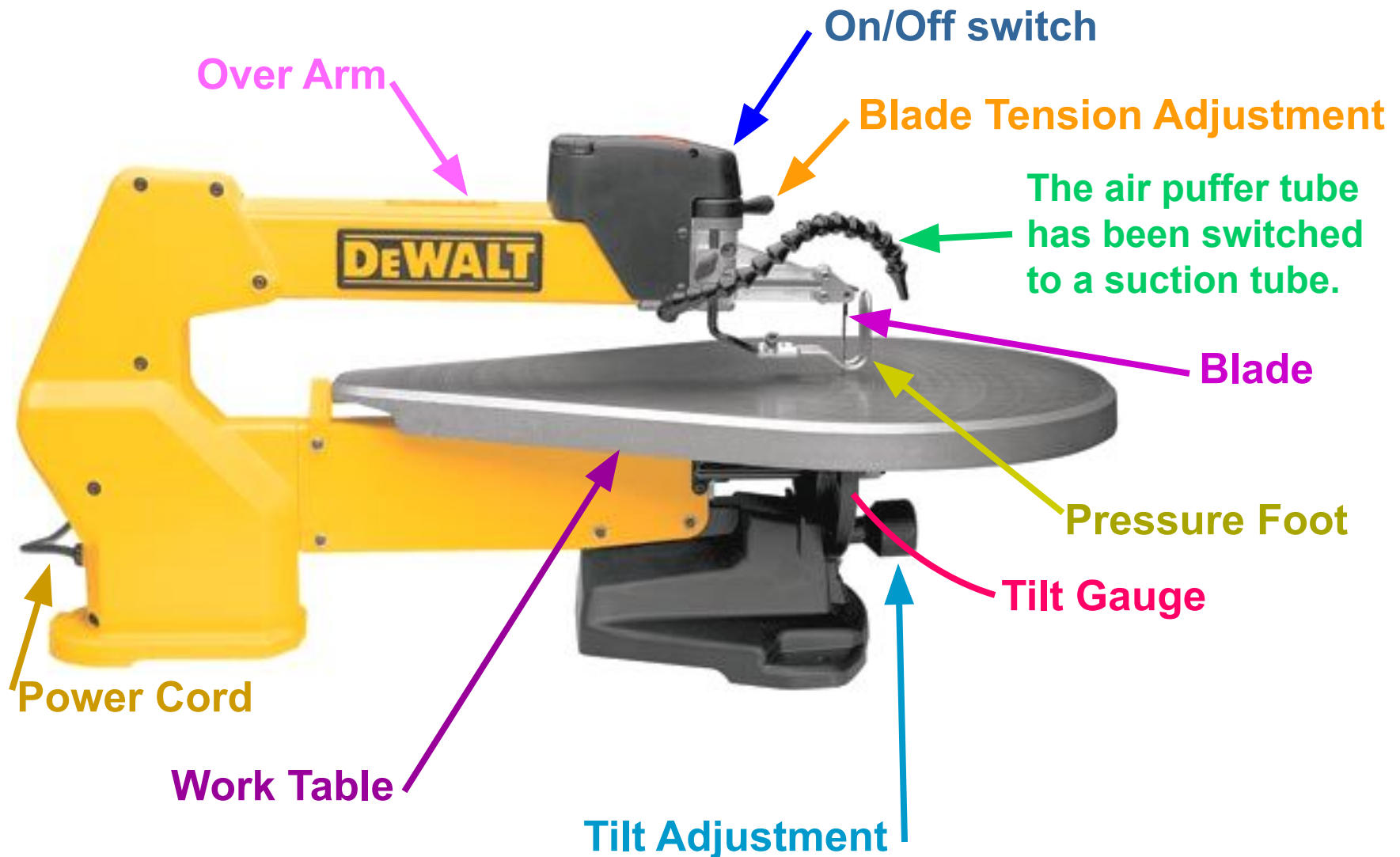
A Scroll Saw is a relatively safe power saw used to cut intricate designs. The reciprocating blade (moves up and down) is very good for detailed work.

This child's toy proves the saw is pretty safe.



The reciprocating blade action makes it safer than the Bandsaw.

Nomenclature

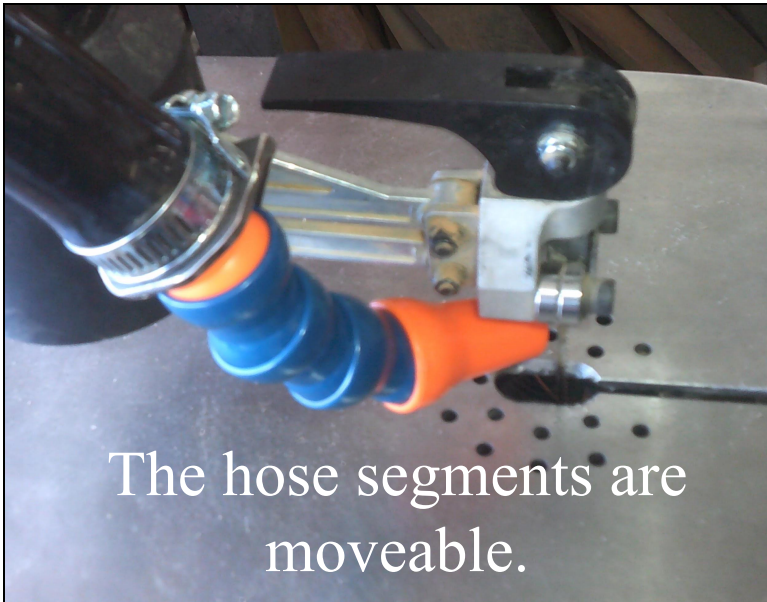


Dust control from below now includes a new upper suction tube.

This is a close up of the dust control on our Jet Scrollsaws.

Before using the scrollsaw, always turn the dust collector on and open the machine's blastgate and adjust the hose segments to fit the thickness of material to be cut..

Good suction now works above & below the table.



Safety Rules

1. Wear Safety Glasses.
2. Wear appropriate clothing.
3. Tie back long hair.
4. Keep fingers away from the blade.
5. Never reach under the saw.
6. Properly adjust hold-down foot.
7. Check for objects that may bind.
8. Ensure that the blade is installed properly.
9. Unplug the machine to work on the blade.
9. Firmly hold onto your work piece.

Adhere to lockout /tagout rules and procedures

Malfunctioning
machines
must be taken
out of service
and not be
used.

DO NOT USE any
machine that has a
locked switch with a
DO NOT OPERATE
tag on it.



The End