

Soft Material – Fabric Technology

Sewing Machines

History of sewing machines:

1790: The First Detailed Design

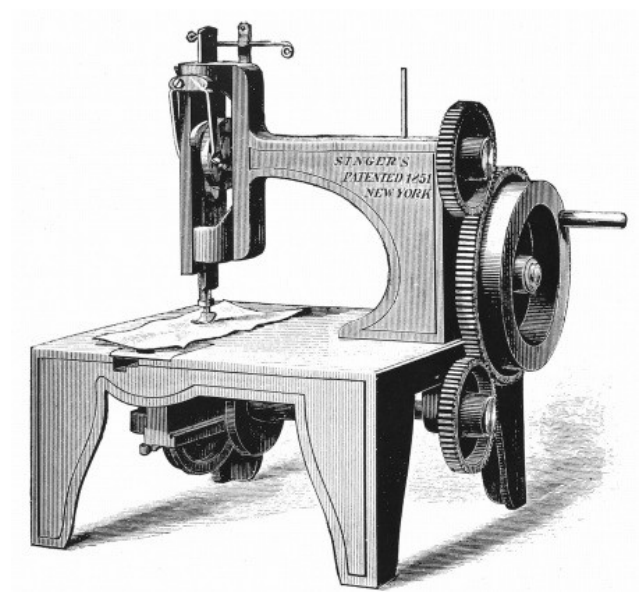
Early 18th Century: Many Attempts, Many Fails

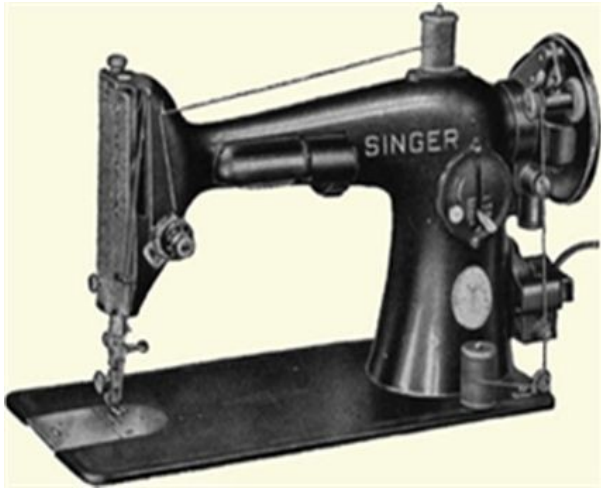
1830: The First Successful Sewing Machine

Barthelemy Thimonnier, a French tailor, invented a machine that used a hooked needle and one thread, creating a chain stitch.

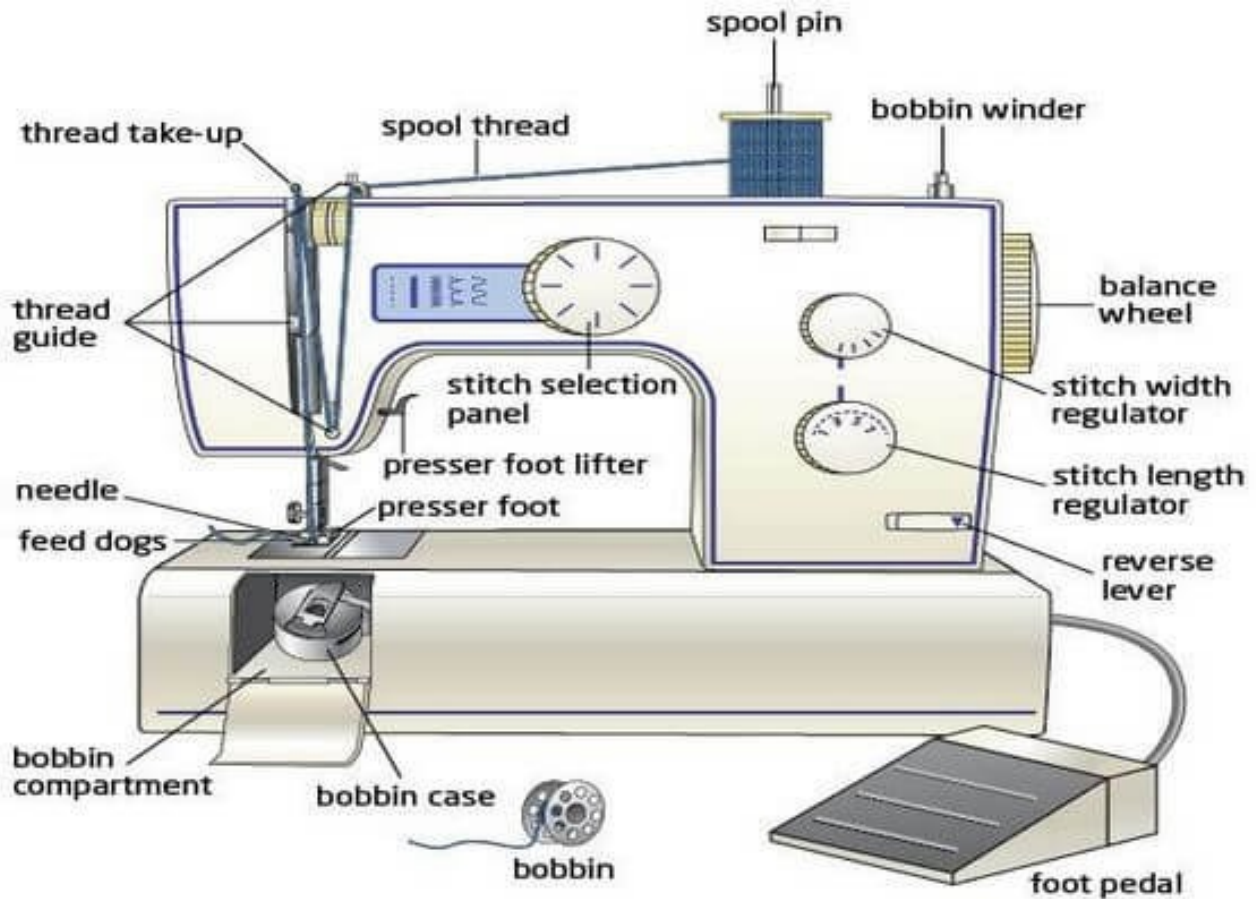


1851 First Singer Sewing Machine





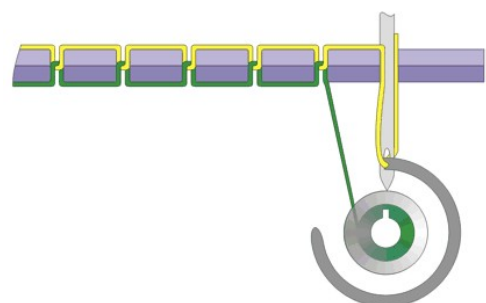
Parts of Sewing Machines



Sewing Machine Needle and Bobbin Function:

Click to watch:

<https://www.youtube.com/watch?v=A9tYPbWH6bQ>



Needle threader

A needle threader is a device for helping to put thread through the eye of a needle.



How to thread the Bernina Activa 240 sewing machine:

<https://www.youtube.com/watch?v=RLu1D2aTkOw>

<https://www.youtube.com/watch?v=VjL6BcwY81s&t=1s>

Health & Safety

Sewing Machine

Rules

1. Always ask permission to use machine
2. Only ONE person at a time
3. Tie long hair back
4. No drinks or liquids or wet fabric near machines
5. Keep fingers clear of needle
6. Sensible behaviour at ALL times
7. Tell the teacher if something breaks or stops working
8. **Ask for HELP if needed.**



Hazard(s)

Cuts/scratches



Keywords

BOBBIN
THREAD
NEEDLE
PRESSER FOOT
BALANCE WHEEL
STITCH