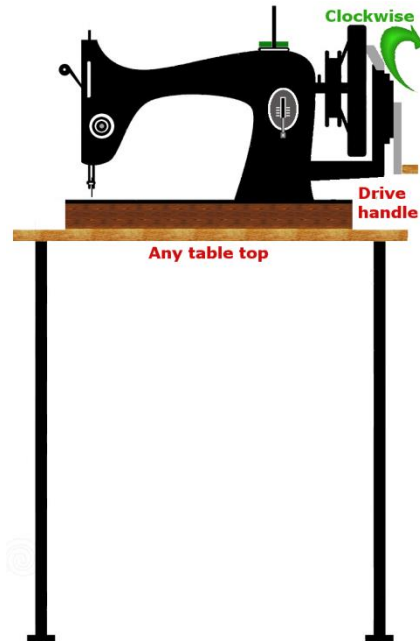


Drive Types

The Manual Hand Crank



The manual Hand Crank sewing machine uses a **drive handle** to turn the balance wheel. It is operated by turning the handle away from you (**clockwise**).

Try this and see that the **balance wheel rotates towards you** (**anti-clockwise**).

With the **Hand Crank** machine, the left hand is free to guide the fabric while the other hand turns the handle.

The Treadle

Run leather drive belt onto large treadle wheel by turning this wheel towards you (**anti-clockwise**) until belt catcher pulls belt onto wheel.

Treadle must be operated so that sewing machine **balance wheel turns anti-clockwise**. The same as the manual machine.

A craft skill

Using a treadle, the balance wheel can be made to spin **both ways**!

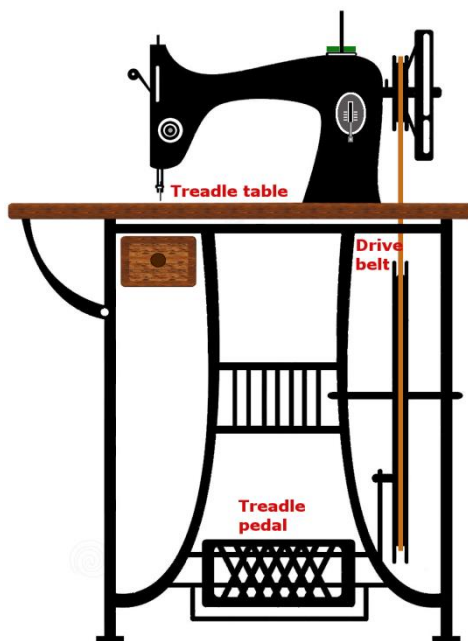
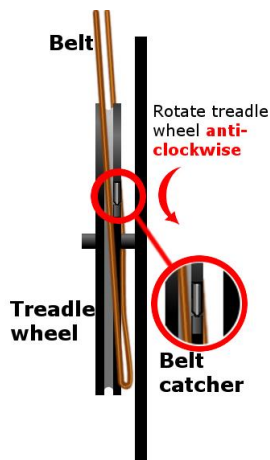
Important: First, practice the treadle action before trying to sew.

If sewing machine balance wheel spins **clockwise** the machine will happily go round, but it **will not** sew! ... the material will feed backwards away from operator and not towards!

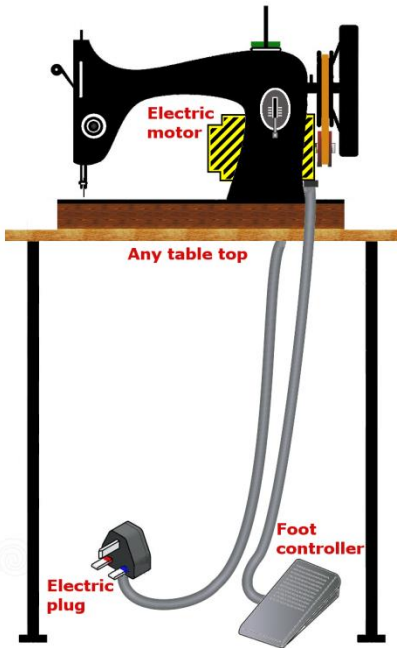
Place both feet on treadle pedal; turn **balance wheel towards you by hand (anti-clockwise)**, and at the same time allow your feet to follow the motion freely and lightly and keep that movement going ... and going ... and going!

Practice this until you can work treadle smoothly and can re-start the machine without balance wheel going in wrong direction!

With the **Treadle** machine, **two** hands are free to guide the fabric.



The Electric Machine



The **Electric Machine** has an electric motor fitted instead of a handle.

A short drive belt connects the motor drive wheel to the balance wheel.

When you have plugged the machine in, gently put your foot on the foot controller and see that the balance wheel rotates towards you (**anti-clockwise**).

Practise with different foot pressures on the controller until you can make the machine start and stop in a gentle and controlled way.

With the **Electric** machine, **two** hands are free to guide the fabric.