





# BANK OF RESOURCES: Creative Industries

## Workshop: Fashion

<p><b>Brother Knitting Machine</b></p> 	<p>The knitting machine is a non-electronic device used to create flat knitted fabrics in a semi-automated fashion. The college has two types; a standard gauge and a chunky gauge. It has a sheet reading mechanism to read a pattern automatically and knitters are able to design their own patterns. The knitting machine saves time when compared to hand knitting and can use a variety of yarn types. The knitter must pay close attention to the machine as slipped or tangled stitches are common.</p> <p><a href="https://www.youtube.com/watch?v=YaJQ723oW64">https://www.youtube.com/watch?v=YaJQ723oW64</a> <a href="https://www.youtube.com/watch?v=yGAXn6HdE1E">https://www.youtube.com/watch?v=yGAXn6HdE1E</a> <a href="https://www.youtube.com/watch?v=mfndB2kt7tU">https://www.youtube.com/watch?v=mfndB2kt7tU</a></p>
<p><b>Kennett &amp; Lindsell Mannequin</b></p> 	<p>The mannequin is used for the draping and fitting of garments and toiles at any stage of their construction. It comes in a range of shapes and sizes and can include limbs in addition to a torso. It is fitted to a metal frame which can be height-adjusted and rotated. Measurements are specific to industrial standards and measurement points are highlighted with seams and taping. The base shell is constructed from fibre glass which is covered with a padded layer and finished with a linen outer layer. Care must be taken not to mark or cut the covering layers. Care should also be taken when moving the mannequin to a new location due to the weight of the frame and delicacy of the form.</p> <p><a href="https://www.youtube.com/watch?v=RAXksLhLFAA">https://www.youtube.com/watch?v=RAXksLhLFAA</a> <a href="https://www.youtube.com/watch?v=h8EJdEgATX8">https://www.youtube.com/watch?v=h8EJdEgATX8</a> <a href="https://www.youtube.com/watch?v=cd-TuvyuDIU">https://www.youtube.com/watch?v=cd-TuvyuDIU</a></p>
<p><b>Industrial Iron</b></p> 	<p>The industrial steam iron station is a combined iron and boiler, the iron itself has a flat plate with steam holes and the boiler holds a large tank of water.</p> <p>It is used to press fabric to remove creases and, by pressing the red button, an additional jet of steam is discharged.</p> <p>The iron should only be operated in the presence of a technician or member of staff. It should always be operated face-downwards to avoid scalds and must be placed face-down on the silicone safety mat when not in use.</p> <p><a href="https://www.youtube.com/watch?v=aJHpQBWkPrI">https://www.youtube.com/watch?v=aJHpQBWkPrI</a></p>
<p><b>Bernina Domestic Sewing Machine</b></p> 	<p>The domestic sewing machine is used to sew fabric. Typically used in homes, it is designed for one person to sew individual items and is versatile for a variety of projects due to the multiple functions and library of stitches. The machine is built with a plastic casing and is electronic.</p> <p>Care needs to be taken when in use to ensure fingers are kept a safe distance from the needle, the foot pedal should be moved away from the foot when changing a needle and the machine should be switched off when not in use.</p> <p><a href="https://www.youtube.com/watch?v=h0A63tUKUKU&amp;list=PL38fq_nsuiuWnRuJlxRvr4KQR1hqDAW-s">https://www.youtube.com/watch?v=h0A63tUKUKU&amp;list=PL38fq_nsuiuWnRuJlxRvr4KQR1hqDAW-s</a> <a href="https://www.youtube.com/watch?v=eqpC2asFHPk">https://www.youtube.com/watch?v=eqpC2asFHPk</a></p>

**Bernina Domestic Overlocker**



The overlocker is used for edging and seaming. It neatens raw edges by trimming off excess fabric using the built-in cutting blades and by joining three or four threads together to make a firm chain of knitted together stitches it prevents the fabric from fraying.

The domestic version of the overlocker is suitable for light to medium weight fabrics.

Care must be taken not to cut into fabric (or your own hair) accidentally. This can be prevented by using a slow to moderate speed using only moderate pressure on the foot pedal and ensuring the area to be overlocked is kept clear of other obstructions including pins.

<https://www.youtube.com/watch?v=3DF4Xuf0Uak>

[https://www.youtube.com/results?search\\_query=how+to+use+bernina+serger+](https://www.youtube.com/results?search_query=how+to+use+bernina+serger+)

**Brother Industrial Sewing Machine**



The industrial sewing machine is larger, faster and heavier than a domestic sewing machine. Built to stand the test of time it has a comparatively larger motor allowing longer hourly use and is capable of sewing tougher fabrics. The college's industrial machines are flatbed style and have the single function of sewing fabric.

Care should be taken to keep fingers a safe distance from the needle and a finger guard should be fitted. The machine should be switched off when not in use.

<https://www.youtube.com/watch?v=7BatV-06bdE>

<https://www.youtube.com/watch?v=QWH6DaBYi24>

**Brother Industrial Overlocker**



The industrial overlocker runs at high speed and is used in the industry for edging, hemming and seaming a variety of fabrics. It can be used for decoration as well as construction. 3-thread overlockers have built in blades which neatens the edge of the fabric by cutting off the excess and knit three threads together along the raw edge to prevent fraying. 4 and 5-thread machines work on the same principle but are used for seaming and are most useful for stretch fabrics.

Care should be taken to ensure that hair is tied back when using and avoid stitching over pins or any other obstructions.

Due to high speed the overlocker should only be used in the presence of a technician.

[https://www.youtube.com/watch?v=0x72\\_dxiC1o](https://www.youtube.com/watch?v=0x72_dxiC1o)

**Table loom (weaving)**



The table loom is a structure that you use to give your weave support and tension as you work. Different effects can be achieved by varying the colour and texture of the yarns used to make samples.

The loom should be set up by a technician or member of staff and cutting the work after use should be done under expert guidance.

<https://www.youtube.com/watch?v=ogxViV8FEf0>