

How punchcard holes and blanks relate to needle positions/knitting actions on Knitmaster/Silver Reed (KM/SR) and Brother knitting machines.

KM/SR machines only knit pattern from the punchcard when the side levers are at the triangle and the pattern cam dial is set to the relevant stitch type; F, S, T etc.

Brother machines only knit pattern from the punchcard when the KC dial is set to KC, KCI or KCII, as appropriate to the machine, and when the relevant pattern cam buttons are pressed, MC, tuck, part etc...

However, on both makes the needle positions are the same

Pattern cam setting	Punched holes	Needle position	Blanks	Needle position
2-col-in-a-row	Knit with 2 nd colour		Knit with MC	
Tuck	Knit	UWP	Tuck	WP
Slip	Knit		Slip	

On both **Brother** and **KM/SR** machines the punchcard line being selected is hidden down inside the machine. 7 lines below on a Brother, and 5 below on a KM/SR.

Brother machines, both punchcard and electronic, pre-select needles before knitting the row. Therefore the pattern can be interrogated by looking at the needle selection in conjunction with the needle positions listed above.

KM/SR punchcard machines have a card reader with feelers. These are selected according to the punchcard pattern but the actual feeler action is hidden behind the carriage. The pattern line can be manually interrogated by locking the punchcard.

KM/SR feeler movement move up and inwards remain down and out

