

3.1.3 Lower Machine Section Parts and Functions

Spool Pin: It is the part of the machine that attaches to the back of the machine on the table plate and for the comfort of the coil from above.

Motor: It converts the incoming electric energy to the movement and transmits it to the necessary places for the V-belt and the movement elements of the sewing machine.

Pedal(treadle): It is the part of the foot that is driven by the V-belt of the motor and the foot plate under the main plate to give movement to the sewing machine. On automatic machines, the machine can stop and thread trimming by pressing the back of the pedal with the heel.

Breeches (Shin pad): It is the part located under the main plate at the level of the right knee which allows the presser to move without hand.

Shuttle-Bobbin: The bobbin is a machine element arranged in accordance with the shuttle structure on which the lower yarn is wound. Round bobbins in round shutters and long bobbins in long shuttles are used.

When winding the yarn into the bobbin inserted into the bobbin, the yarn should be wrapped properly and the winding process should be terminated 1 mm thick. When placing the bobbin in the bobbin case, it is necessary to pass the yarn in the direction of arrival of the yarn by paying attention to the direction of the yarn coming from the bobbin.

Rotary: It is the slot where the bobbin and bobbin is placed for sewing. In order to accommodate the total time required for the needle to break into the fabric and form a new seam ring for sewing formation, the "rotary" rotates once.