

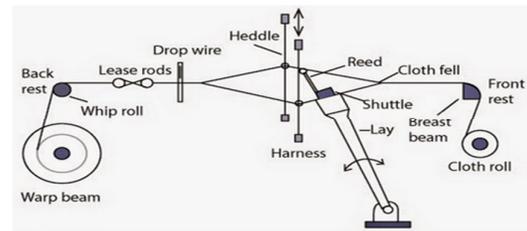
## TECHNICAL TUESDAYS

TOPIC: Loom & its Different Parts

REF: TT/ Apr 2016/ WK 2

### What is a loom?

Loom is a machine which used to produce woven fabric. A loom contains different parts. Every part has individual functions.



### Function of different parts of Loom:

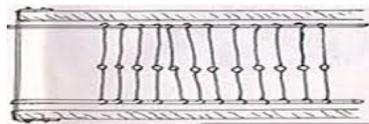
#### Warp Beam:

The warp beam, which holds the warp yarns, is located at the back of the machine and is controlled so that it releases warp yarns to the weaving area of the loom as needed. This beam is produced by warping process.



#### Healds Shaft:

It is frames which contain more amount of wire. Every wire contains a hole or eye in its center through which a warp yarn is threaded. Healds control the warp yarn to produce shed by the tappet, dobby, or jacquard mechanisms.



#### Shuttle:

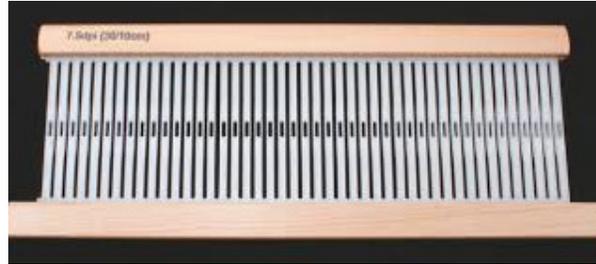
Shuttle is the device used in weaving to carry the weft yarn. The pickings are completed by shuttle at shuttle loom.





### Reed:

This is inevitably a combination made up of steel wire rods set vertically in a frame. The spaces between the wires are known as splits or dents and are kept even and parallel. This is the first function of reed. Its second function is to feed the filling thread into position. To do this it has to move in a back and forth motion. Its join the inserted pick with fell of the cloth .



### Picker:

It is a parts which attach with a spindle. Its get motion from picking arm and this motion help the shuttle to passing one side to another side. It made by plastics.



### Temple:

Temple is the parts at the edges of the cloth which supports to maintain fixed dimension in width.



**Wishing you a great week ahead!**

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