

**Reel.** A revolving device on which fiber, thread, cord, rope, fabric, etc., are wound, to form them into hanks or skeins, and for various other purposes.

1. (*Cotton-machinery.*) A machine on which cotton is wound, making hanks each having 840 yards in length of thread.

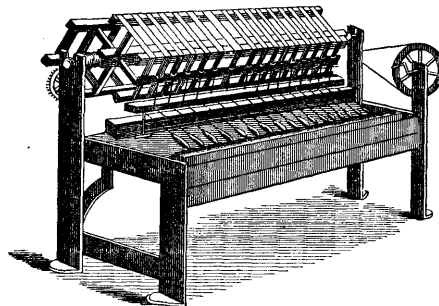
The circumference of the *reel* is  $4\frac{1}{2}$  feet; when it has performed 80 revolutions a *lay* is formed, measuring 120 yards, and 7 of these lays make up a *hank*.

The hank-yarn is specially designed for warps.

2. (*Silk.*) The revolving frame on which silk is wound from the cocoons, or yarn is wound off from the spindle of a hand-spinning machine, and reeled into cuts or hanks.

3. (*Rope-making.*) Spun yarns are wound on a reel preparatory to tarring or laying up into strands as the twisting of each length is completed. See ROPE.

Fig. 4223.



*Reel for Cotton Yarns.*