

YARN CHANGING SET FOR COLOR ALTERING HEADS

Abstract

A yarn changing set for color altering heads includes a yarn
5 splint plate, a movable cutter plate, a yarn cutting plate and a yarn
changing plate positioned in an overlapped manner. A plurality of
pins are coupled between the yarn splint plate and yarn cutting plate
to allow the movable cutter plate and yarn changing plate to move
between them. The movable cutter plate and yarn changing plate
10 have respectively a notch at one edge opposing each other to form a
confined area to limit movement of the pins when driven by a cam.
The yarn cutting plate has a plurality of notches on the edges to
hold the pins. Thus an open type design is formed to expose cotton
accumulating portions to facilitate clearing of accumulated cotton.
15 Therefore, smooth operation can be maintained and life span of the
machine and elements increases.

(Fig. 3)