

YARN FEEDING APPARATUS FOR CIRCULAR KNITTING MACHINES

Abstract

5 A yarn feeding apparatus for circular knitting machines includes a yarn feeding body and a transmission shaft driven by the yarn feeding body. The transmission shaft is coupled with at least one yarn feeding wheel freely rotating against the transmission shaft. The yarn feeding body includes at least
10 one guiding unit which is drawn by a yarn to turn and move reciprocally between a yarn supply position and a yarn supply stopped position. The transmission shaft is coupled with at least one transmission mechanism driven by the transmission shaft. The yarn feeding wheel includes at least one wedge
15 member corresponding to the transmission mechanism. The wedge member has a first position to separate from the transmission mechanism and a second position pushed by the guiding unit on a motion track to couple with the transmission mechanism to drive the yarn feeding wheel to rotate
20 synchronously with the transmission shaft.

Figure 1