

FIBER BLOWING AND HEAT DISSIPATING SYSTEM OF SINGLE-SIDED CIRCULAR KNITTING MACHINE

ABSTRACT

A fiber blowing and heat dissipating system of single-sided circular knitting machine includes a fixed rod, a revolving supply device, and a fiber blowing device, wherein the revolving supply
5 device includes a fixed rod, a rotary air supply section, and a driving motor. The fixed axle has an air inlet at its top, and the rotary air supply section has an air passage interconnected with the air inlet and connected to the fiber blowing device, such that the driving motor is driven to rotate around the fixed axle to centralize
10 the air flow to blow away the cotton fibers easily produced at a yarn passing eyelet of the yarn passing plate and the yarn feeding eyelet of a yarn feeding nozzle and a knitting needle. The invention also can lower the heat produced by the friction between the rotation of the needle cylinder and the knitting needle.

(FIG. 2A)