

Abstract

A driving device of a treadmill includes a roller, a servo motor, and a controller. The servo motor is internally and/or externally provided with an encoder, and connected to a controller through the encoder. A transmission shaft of the servo motor is in transmission
5 connection with a roller of the treadmill. The controller is used to adjust change direction and change amplitude of a rotation angle of the servo motor by transmitting a control signal to the encoder, thus driving the roller of the treadmill to vibrate horizontally or rotate in one direction. The treadmill includes a running platform, a wear-resisting plate arranged on an upper side of the running platform, a belt wrapped around the roller and the running platform,
10 and the driving device. The roller in the driving device is in transmission connection with the belt.

[FIG. 3]