

**HIGH-SPEED HIGH-STAND FABRIC
TAKE-UP DEVICE WITH UNIFORM FABRIC TAUTNESS
ARRANGEMENT**

ABSTRACT

Provided is a high-speed high-stand device for taking up fabric comprising two side boxes each including a projection formed on its side proximate top; a take-up shaft provided across intermediate
5 portions of the side boxes, the take-up shaft being adapted to wind fabric therearound; and a friction mechanism including two arms each having the other end pivotably connected to the projection, and a friction rod fixedly interconnected one ends of the arms, the friction rod being provided above the take-up shaft to contact the
10 fabric wound therearound. In a fabric take-up process, an angle from an initial position of the arms to an operating position thereof is limited as a diameter of the fabric is increasing, and a pressing force exerted by the friction rod on the fabric being wound around the take-up shaft is the same for obtaining a uniform tautness of the
15 wound fabric.

(FIG. 2)