

# Can the weft storage device be changed into a yarn storage device

What is weft storage control?

Weft storage control is completed by the weft yarn storage detector on the weft storage drum and the central microprocessor. Weft feeder can realize the control of weft yarn pre-winding, yarn storage winding speed, and weft breakage alarm. Weft pre-winding control

How are weft yarns arranged?

The arrangement requirements for each specific weft yarns are different. Ordinary weft yarns are allowed to be closely arranged on the storage drum. Flat yarns and knot yarns are not allowed; they are requested to be arranged on the storage drum with intervals, to prevent the thread from sticking when unwinding.

What happens if you leave a weft accumulator in a weaving machine?

Leaving the weft accumulator as the yarn enters the picking area of the weaving machine, it is still subjected to increased tension due to yarn guides, tensioners or braking units and also yarn acceleration. etc. Moreover, all types of weft accumulator cannot control the weft tension variations in identical manner.

How does a weft storage drum work?

The weft storage drum always reserves a certain amount of weft yarn in advance, the amount of which is set according to the weaving plan. It is operated through the pre-winding control switch on the weft feeder, such as the OFF/ON switch on LASER/NOVA weft feeder, the pre-winding switch on FDP weft feeder.

How to organize and unwind a weft?

To organize and unwind the weft in an orderly manner, and ensure the necessary tension during the weft insertion process, a tensioner and a tension ring are respectively installed at the yarn inlet and the separation of the yarn from the drum surface.

What is a weft feeder?

In modern weaving processes, weft feeders are widely used where high-speed yarn unwinding is required, such as various shuttleless looms and weft knitting machines. Here are five things you should know about weft feeders. 1 Yarn Storage Requirements After unwinding from the cone package, the weft winds onto the storage drum.

The electronic weft storage device can wrap the weft around the length measuring drum according to pre-set data and place the weft quantitatively. This device consists of weft storage ...

The invention provides a weft storage device with strong adaptability, which includes a yarn storage base, a yarn guide device, a yarn introduction port, a ...

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When the weft feeder transports the weft yarn to the nozzle, it is necessary to align the yarn storage disc with the nozzle for yarn output. However, the position of the weft feeder is easy to ...

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The suspended weft storage device has the advantages that the pay-off reel can rotate, so that the weft yarns can carry out spiral tubular movement and can be constrained under the ...

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The RFRL20 rapier loom is designed using proven, mature technology that has been applied in various other types of Rifa weaving machines. It is a high ...

Next, this weft yarn is stored in a storage body that is provided with a protrusion for regulating the weft yarn to the length required for one weft insertion, and is stored at an ...

During weft storage, the yarn is wound parallel to the surface of the yarn storage drum with uniform low tension, and the yarn winding speed of the weft storage device can be adjusted ...

For this reason, there are problems such as an increase in the area occupied by one loom, a complicated configuration of the entire weft storage device, and an increase in cost.

Definitions ABSTRACTA weft storage device for shuttleless looms having a stationary weft supply which includes a diverting member for separating a source of air under pressure into two ...

The electronic weft storage device can wind the weft on the length measuring drum according to preset data and quantitatively place the weft. This device consists of weft storage control, ...

For weft supply, bobbin packages are used directly, and the yarn is fed into the weft insertion mechanism through a weft storage device, eliminating the need for frequent weft ...

The weft yarns reeled out from the corresponding weft yarn feeding devices are circumferentially separated along the external surface of the drum. The weft yarns jointed with the pin...

The invention provides a weft yarn storing device in a weaving machine, including a plurality of weft yarn feeding devices having weft yarns to be reeled out; a single rotating drum which is ...

An air jet loom is equipped with a weft storage device for detaining a weft yarn prior to weft picking through a

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weft inserting nozzle. The weft storage device includes a roller reel on which the weft ...

A weft storage device for shuttleless looms having a stationary weft supply which includes a diverting member for separating a source of air under pressure into two streams within which a ...

The invention relates to a weft brake device for a storage yarn feeder, comprising an axially symmetrical concave body (16) which pushes its inner surface against the delivery edge (12 a) ...

The utility model discloses a yarn storage drum for a weft storage device, comprising a main body and swinging parts uniformly arranged on the side of the main body in the circumferential ...

The water flow in the nozzle brings the weft out, completing the weft insertion process. When the weft thread reaches the end, the finger stick is lowered and the yarn presser is closed to ...

The yarn is then gripped by two pairs of grippers 124, 125 and cut between the pairs by a cutter 128. Each gripper pair in turn, mounted on an arm 119 and 120, is moved by a cam 141 into ...

This device consists of weft storage control, length measurement control, weft selection control, yarn presser control, steering water valve control and water replenishment valve control.

The coating on the weft storage device has high hardness, low friction coefficient and good corrosion resistance, and can adapt to the current production situations that yarns are thinner ...

The invention discloses a kind of electrostatic storage Weft handling devices, including body, described body one end is fixedly installed into yarn tensioner, the body other end is fixedly ...

A weft storage device comprises a stationary cylinder (12) supporting a plurality of yarn loops (RT) wound helically along its outer surface. A finger (28) with a magnet (38) incorporated therein is ...

With a weft accumulator, the loom can continue weaving using the stored excess weft yarn. This eliminates the need to stop and restart the loom, saving valuable time and increasing overall ...

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