

Off Loom Take Up For High Performance Fabrics

Features



- Specifically aimed at handling difficult fabrics such as carbon fibers, glass fibers, aramid fibers, etc.
- Designed to prevent problems encountered when winding difficult fabrics: creasing or wrinkles on delicate, light-weight fabrics such as glass fiber; slipping or weft distortion on fabrics such as carbon fibers; etc..
- Tension feedback system or dancer roller system for stable tension.

Specifications

Winding System	Center Drive System
Press Roller	Air Pressure Controlled
Winding Speed Control	Via Dancer Roller
Tension	Adjustable Fabric Tension
Taper Tension	Via Braking Mechanism on Press Roller
Fabric Width	Up to 4000mm (abt.160")
Roll Diameter	Up to 2000mm (abt.79")
Inspection Area	Florescent Lamps and Halogen Spotlight
Yardage Counter	Provided

Please contact Izumi International, Inc. for special requirements

Optional Features

Oscillator roll

Prevents selvage build-up on roll, which causes creasing in fabric. Traversing mechanism shifts fabric periodically to selvage build-up. Oscillation amount can be adjusted.



Feed-back tension control

Tension is measured by load cells, and fed back to computer. For use with fabrics requiring accurate tension and taper control, and for reliable fabric quality control.



Horizontal loading safety chuck

Horizontal load feature makes roll doffing easier. Safety chuck locks upon rotation.



Expander roller

Roller expands creases. For use with delicate fabrics when spreader bars can not eliminate creases or wrinkles completely.



Spreader bars

Cost effective method to prevent fabric wrinkles and creasing. Can be configured on press roller.



Slides for centering the take up

Slides can be provided to enable centering of the off-loom if fabric center position differs according to fabric style (as seen in air jet applications).

Walkways

Walkways for operator can be supplied if necessary.