EKTW-C-FR   Rewinder with Electronic Control System

Features

- Yardage meter and auto-stop equipped as standard features

- Designed especially for carbon fibers and other delicate high performance fibers

- Dancer roller provides accurate tension and perfect package build

- Easy operation via HMI touch-screen interface

- Optional traverse device for flat yarns

- Designed for both re-winding fibers, and in-line for taking up processed fiber

- Locking wheels allow for ease of integration into existing systems

Standard Specifications

Machine Frame	1 spindle on individual frame with Feed Roller
Yarn Range	Carbon fiber 1K to 50K / 550dtex ~ 11000dtex
Winding Speed	Max. 200m/min (can be changed by winding ratio)
Tension	50g ~ 1000g (Dancer roller tension control)
Traverse Mechanism	Guide traverse with scroll cam
Traverse Guide	Roller guide standard equipment
Control Device	Dancer Roller
Shape of Package	a. Shape: Square-end cheese b. Traverse: 6" (152mm), 8" (203mm), 10" (254mm). c. Max diameter: ⌀ 250mm d. Winding Tube: ID ⌀ 76mm
Driving Motor	Totally enclosed, fan cooled AC motor 100W, 2 sets of motors are equipped at the winding section and the feed roller section.
Yarn Length Control	Digital type yard controller (unit in meter or yard upon request).
Feed Roller	• Nelson Type • Slow start/stop device • Automatic stop for full package & yarn break
Options	• See following page

Please contact Izumi International, Inc. for special requirements

Features

Tension Control
Dancer roller tension control for excellent package formation, with adjustable tension to accommodate various filament counts.

Traverse Guide
Rotating cone traverse guides designed specifically for carbon fiber and other delicates fibers. Low damage to the fibers.

Feed Roller
Nelson type feed rollers with mirror finish to drive the fibers. Large diameter rollers prevent filament breakage.

Controls

- Easy to use control panel with touch-screen operator interface.

- Settable yardage counter with auto-stop function to provide accurate length packages.

- Remote run/stop feature allows for operation of the winder via customer control system.

Options

Supply Creel	1)	Upright creel for glass fiber (over end or inside pull packages)
	2)	Tension controlled creel (mechanical or electronic) to act as let off for processing and taking up processed fibers
Special Traverse Guides	1)	Flat tow traverse guide for winding flat fibers without twist
	2)	Heavy tow guide for 50K and above
Slow Winding Speed		Slow speed model for pilot lines or special fiber processing (inform actual requirement)
Special Bobbin Shapes		Can accommodate to different ID and length cores
Multiple Bank Configuration		Several winders can be incorporated into one bank for processes requiring more than one station