

# Model KTAW

## KAMITSU-TAINING AUTOMATIC RE-WINDER

For High Performance Fibers

**Carbon Fiber, Aramid Fibers, Glass Fibers, Ceramic fibers, etc.**

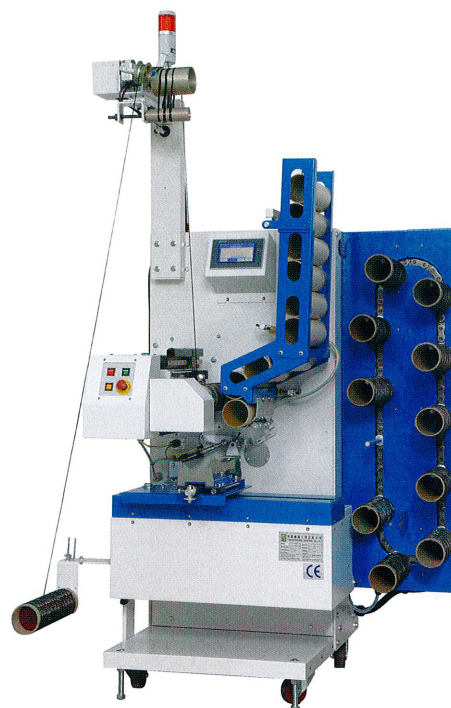
### Automatic Bobbin Change System:

- 1) Bobbin feeder contains 10 bare bobbins
- 2) When package is wound up to preset length, the package will be doffed and are transferred to full package creel magazine automatically
- 3) After 10 packages are wound continuously and package creel becomes full, winder stops for help of operator
- 4) Safety device for over-size winding

### Full automatic control device by computer system:

**All figures are set and displayed on screen.**

- 1) Winding speed
- 2) Fiber length per package
- 3) Number of package to be wound totally
- 4) Current number of wound packages
- 3) Error message in details
- 4) With 10~12 sets storages function (for winding conditions)
- 5) Storage with its own length adjustment



### Specification

Yarn	CF 3K – 24K, Aramid fibers, Ceramic fibers, Glass fibers, etc.
Type of wound package	a) Traverse length: 254mm
	b) Shape of package: 0°-00° Square-end Cheese
	c) Max. dia. 125mm
	d) Take-up bobbin: ID76~77.5 × OD83 × L280mm
Winding speed	Constant speed of 50~150m/min to be inputted digitally through monitor screen
Winding tension	By tension roller (79.5mm in dia) to be controlled by hysteresis tensioning brake 0.5~1.2N(50~1200g)
Touching pressure	0.5~4kgs.
Bobbin holder	Automatically functioned spindle-less type
Driving mechanism and Motor	a) 1/4HP, spindle motor
	b) 1/8HP decelerating motor
	c) 0.6KVA
Power supply	AC200V 50/60Hz
Compressed air	0.4 – 0.6MPa (4~5kg/cm <sup>2</sup> )
Machine dimensions	Length: 1230mm Width: 1150mm Height: 2130mm
Color of machine	Blue & White

**Manufacturing standard stays in compliance with EC directives being in force**

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