

EKTW-C / CL/CLL

KAMITSU Carbon Fiber Take Up Winder

Features

- Industry standard for carbon fiber take up winders with over 90% of market share. Designed especially for carbon fibers.
- Speed synchronization with processing fiber speed via dancer system.
- Fiber passage is straight onto the developing package and is maintained regardless of package build.
- Rotating contacts are utilized and minimized to keep fiber contact minimal.
- Optimized to prevent carbon contamination, low maintenance.



Standard Specifications

Model	Type C	Type CL	Type CLL
Construction	3, 4, or 5 rows x max. 5 lines	3, 4, or 5 rows x max. 5 lines	3, 4, or 5 rows x max. 5 lines
Fiber & denier range	550dtex ~ 11,000dtex	550dtex ~ 11,000dtex	550dtex ~ 11,000dtex
Package	Square end (0° 00')	Square end (0° 00')	Square end (0° 00')
Take up speed	Max. 200m/min (depends on fiber type & denier)	Max. 150m/min (depends on fiber type & denier)	Max. 150m/min (depends on fiber type & denier)
Traverse length	6" (152mm) 8" (203mm) 10" (254mm)	6" (152mm) 8" (203mm) 10" (254mm)	6" (152mm) 8" (203mm) 10" (254mm)
Tube size (standard)	ID Ø 76mm ~ Ø 77mm paper tube	ID Ø 76mm ~ Ø 77mm paper tube	ID Ø 76mm ~ Ø 77mm paper tube
Max. package size	Ø 250mm	Ø 310mm	Ø 350mm
Winding tension	50cN ~ 1,200cN (dancer roller tension system)	50cN ~ 1,200cN (dancer roller tension system)	50cN ~ 1,200cN (dancer roller tension system)
Traverse system	Scroll cam traverse system	Scroll cam traverse system	Scroll cam traverse system
Traverse guide	Kamitsu roller guide (standard equipment)	Kamitsu roller guide (standard equipment)	Kamitsu roller guide (standard equipment)
Driving system	Precision winding with individual drive on each spindle	Precision winding with individual drive on each spindle	Precision winding with individual drive on each spindle
Control system	Dancer roller controls tension & speed	Dancer roller controls tension & speed	Dancer roller controls tension & speed
Driving motor	KS motor 100W, Individual drive (standard)	KS motor 200W, Individual drive (standard)	KS motor 200W, Individual drive (standard)
Power supply	3 phase 200V 50/60Hz *	3 phase 200V 50/60Hz *	3 phase 200V 50/60Hz *

Optional items Traverse device for flat yarns without twist, length counting system, enclosure around winder to contain fiber taper end winding system (all options available on both C and CL models)

* Step down transformer will be required when using machines at the areas of different power supply

Please contact Izumi International, Inc. for special requirements