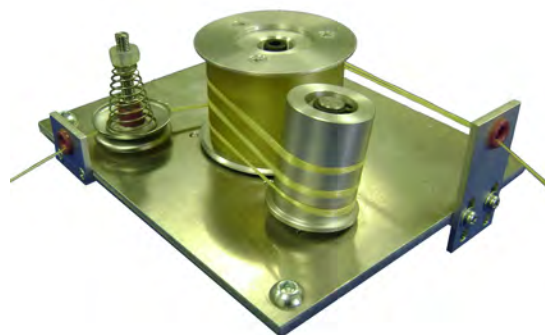


TOP1000-HT In-Line Tensioning for High Tension

Features

- For fibers requiring in-line tensioning.
- Godet type tensioning rollers create even spacing between fibers to prevent overlapping.
- Godet angle is adjustable for changing fiber pitch according to fiber thickness.
- Control system can be open loop by CTA controller, or used in coordination with CTD controller with tension sensor for closed loop control.



Applications and Fiber Types

- The TOP1000-HT is the ideal solution for tensioning inside pull glass fibers or over end aramid fibers, which require tensions over 50 grams.
- This tensioner can also be used for systems requiring higher tension than the conventional TOP1000 tensioner can produce.

Specifications

Tension Range	Max 1000 grams (higher tensions available upon request)
Control System	CTA open loop or CTF closed loop
Yarn Speed	1,000 m/min max. (will depend on fiber and application)
Pre-Tension Device	Disc tensioner
Tension Wheel Diameter	Configured per application
Fiber Pitch	Via adjustable angle roller
Yarn Exit Direction	Left hand or right hand side is available
Yarn Inlet Guide	Ceramic Eyelet
Control System	Control system can be configured to meet each application. Standard control systems available are below: - Individual position tension control - Zone tension control
Voltage Requirements	120VAC (other available upon request)
Available Options	(1) Complete framework for creel (2) Stop motion for yarn break (3) PC data logging and monitoring system for tension

Please contact Izumi International, Inc. for special requirements