## 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 $\quad$ (higher tensions available upon request) |
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| Control System | CTA open loop or CTF closed loop |
| Yarn Speed | $1,000 \mathrm{~m} / \mathrm{min}$ max. $\quad$ (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 <br> Control SystemControl system can be configured to meet each application. <br> Standard control systems available are below: <br> - Individual position tension control <br> - Zone tension control |
| Voltage Requirements | 120VAC (other available upon request) |
| Available Options | (1) Complete framework for creel <br> (2) Stop motion for yarn break <br> (3) PC data logging and monitoring system for tension |

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