

MLTD

Electro Magnetic Tensioning Device

Applications

- The MLTD is Electro magnetic tension control device designed especially for warping lightweight glass fiber having highly precision tension controls .

Features

- Strudy and modular construction supports.
- State of art Tensioner having 5-35 grams capacity with +/- 2 gram accuracy, settable in 1 gram increments.
- Each unit is calibrated via internal microcontroller.
- Zone wise yarn tension setting.
- Uniform tension from 1st post to the last post.
- Yarn speed upto 1,000 mtr/min maximum.
- Yarn exit angle 90⁰ - 100⁰
- Ceramic Eyelet for Yarn Inlet Guide
- Operator touch screen menu driven programming.





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- Unique design of pulley eliminates Yarn overlap. Minimum contact on pulley prevents filament breakage.
- Yarn Breakage stop motion using optical sensor with individual identification of yarn break number.
- Micro controller unit communicates between each tension control units which enables simultaneous remote tension setting & uniform tension in each post.



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Specification

Tension Setting Range	: 5-35 grams,Setable in 1 gram increments
Accuracy	: +/- 2 gram
Yarn Speed	: 1000 mtr/min max
Pre-Tension Device	: Weight type disk tensioner
Stop motion	: Braking system incorporated
Yarn Exit Angle	: 90 ⁰ -100 ⁰
Yarn Inlet guide	: Ceramic Eyelet
Yarn Inlet Bobbin Size	:
Available feature	: Stop Motion for Yarn Break with identification No.