



## ► ULTRA-WINDER FILAMENT WINDER

### DESCRIPTION:

#### ► SYSTEM FEATURES

The Ultra-Winder is the total solution for the manufacturing of fiberglass tanks and pipes. The Ultra-Wind System can do chop/hoop winding, apply roll goods and continuous winding strands in hoop or helical patterns, and can be customized to meet your production needs.

#### ► SPECIFICATIONS

**Manufacturing Capabilities:** Liner, Chop/Hoop, Helical

**Machine Configuration:** Overhead or Floor Mount Winding Carriage

**Computer Control:** User friendly HMI & simple program capabilities

**Maximum Mandrel Length:** Up to 43 ft. (13 M)

**Maximum Mandrel Diameter:** Up to 186 in. (4.7 M)

**Fiber Chopper:** Four (4) strand Chopper assembly

**Pneumatic Roll Goods Applicator:** Application of Mylar, Unidirectional, Woven Roving, etc.

**Pneumatic Controlled Roll-out Assembly:** For removal of air entrapment in liner application

**Resin Bath:** Sixty (60) strand drum style assembly

**Fiber Creel:** Sixty (60) strand Creel with Sixty (60) strand backup

**Resin Mix/Dispense Pumping Unit:** UltraMAX™ High Volume

**Material Monitoring:** Resin, chop & winding fiberglass tracking system

#### ► STANDARD OPTIONS

**Mandrel Drives:** Cantilever and/or Head/Tailstock drive assemblies

**Dual Drive Capabilities:** 2nd Mandrel drive for greater production potential

**Mandrels:** Collapsible & Non-Collapsible Mandrels

Recipe-based and manual controls for either chop/hoop or helical winding applications deliver versatility with consistent accuracy for increased quality on every part produced. Integration of chop/spray unit, rolled good application and dual side capability increase production while lowering material and labor costs.



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#### Fabrication

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► For more information about adding the Ultra-Winder Filament Winder to your operation, or any of your adhesive dispensing needs, visit Magnum Venus Products at [www.mvpind.com](http://www.mvpind.com).