



## **ULTRA-WINDER** FILAMENT WINDER

The Ultra-Winder is the total solution from Magnum Venus Products 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.





## ► **ULTRA-WINDER STANDARD FEATURES**

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



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