



▶ ULTRA-WINDER FILAMENT WINDER

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.

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

Knoxville

Corporate Headquarters
2030 Falling Waters Rd., Suite 350
Knoxville, TN 37932
865-686-5670

Kent

Manufacturing Center
1862 Ives Ave.
Kent, WA 98032
253-854-2660

Knoxville

Service Center
642 Barbrow Lane
Knoxville, TN 37932
865-321-8809

Goshen

Service Center
320 North Main St.
Goshen, IN 46528
574-534-1434

Oldsmar

Service Center
146 Dunbar Avenue, Unit A
Oldsmar, FL 34677
727-573-2955

Canada

72 Beauvais
Delson, Qc J5B 1W8
888.538.4330

▶ 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.