

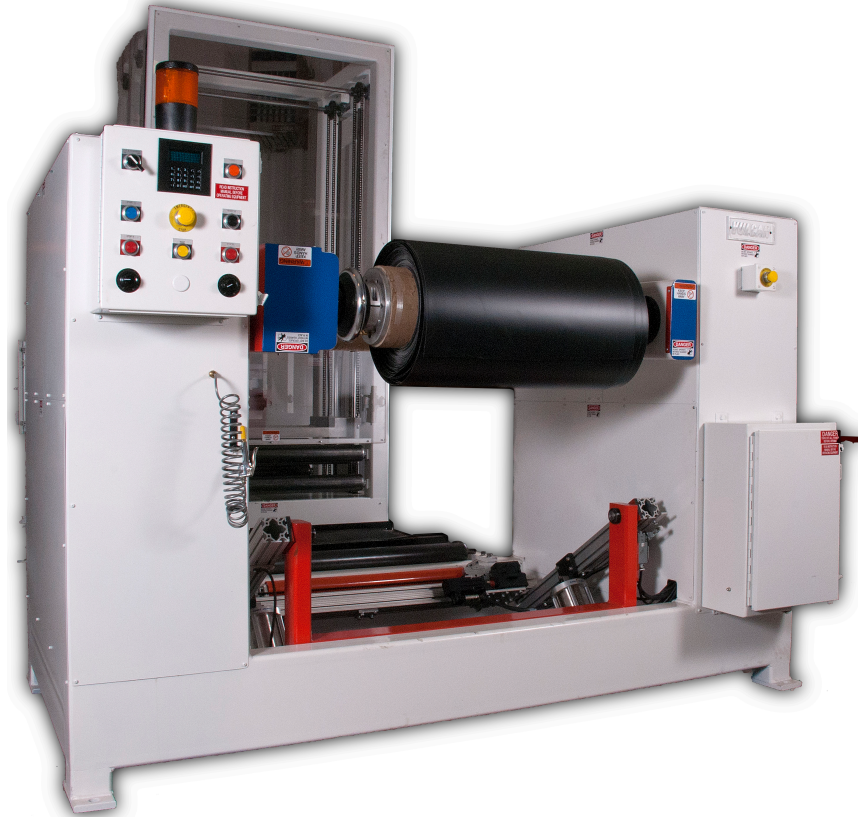


VULCAN MACHINERY CORP.

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Engineering Makes The Difference™

**TURRET WINDER
 TWQ Series**



Number of Spindles	Max. Package O.D. (inches)	Sheet Width (inches)					
		24	36	48	60	72	84
2	24	TWQ222	TWQ322	TWQ422	TWQ522	TWQ622	TWQ722
3	24	TWQ223	TWQ323	TWQ423	TWQ523	TWQ623	TWQ723
2	36	TWQ232	TWQ332	TWQ432	TWQ532	TWQ632	TWQ732
3	36	TWQ233	TWQ333	TWQ433	TWQ533	TWQ633	TWQ733
2	48	TWQ242	TWQ342	TWQ442	TWQ542	TWQ642	TWQ742
3	48	TWQ243	TWQ343	TWQ443	TWQ543	TWQ643	TWQ743

APPLICATION:

- The Turret Winder is designed for the winding of sheet as delivered from a sheet line draw roll stand or any other let-off of plastic or rubber sheet. In general, Vulcan recommends a turret winder to have one or more spindle than the number of webs being wound. With multiple web applications this will provide an empty spindle for transferring a web once it has completed a full roll. Automatic cut-and-transfer is available as an option only on two spindle winders. Other options are powered assistance in the removal of the full roll from the winder and shaftless spindle operation.

PROGRAMMABLE CONTROLS:

- 4.1" LCD touch screen HMI
- Proprietary software driven display
 - Guides operator through set-up and prevents input errors
- Start pushbutton
- Emergency stop pushbutton
- Single turn line speed potentiometer (for manual operation)
- Automatic/manual locking selector switch

LOAD CAPACITY:

- Max. capacity – 3000 lbs.

SPINDLE CONFIGURATION:

- Spindles furnished with safety type chucks with 1 ½" square openings as standard on 6" or above;
1 ¼" square openings for 3" cores
- Electrical and mechanical interlock requires chucks to be closed before spindle will rotate
- Winders furnished for operation with optional inflatable rubber membrane, sleeve or button type chucks

TURRET ARRANGEMENT:

- Turret rotates at 2 RPM
- Turret rotates both clockwise and counter-clockwise
- Turret full roll places web over empty spindle to provide easy manual transfer of the web
- Brake on turret drive prevents back-driving by full roll

DRIVE TRAIN:

- Drive Motor are class H, low inertia, brushless AC servo motors
- Winder drives are geared in at customer's desired max. speed

FRAME:

- Heavy wall tubing, steel plate and structural sections
- Two rigid and two swivel casters and hold-downs
- Screw type floor jacks
- Fully guarded drive train and electrical components

ELECTRICAL:

- Standard Electrical is 460 Volt/3 Phase/60 Hertz
 - Electrical other than the above is available as an option

OPTIONS:

- For two spindle turret winders, an automatic cut-and-transfer unit can transfer web from full roll to empty spindle without manual assistance
- Optional powered unloading yoke provides for semi-automatic removal of full roll from winder at the unload station
- Button leaf, leaf type, or expandable rubber sleeve core spindles
- Shaftless spindle configurations
- Four spindle winders



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