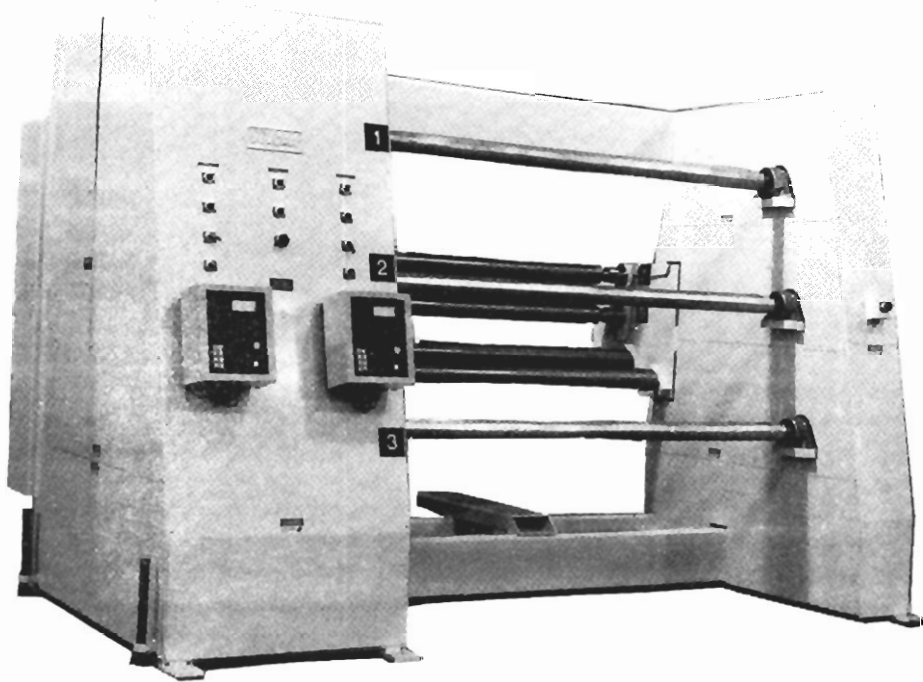


# STEP WINDERS

## SW Series



### MODELS AVAILABLE:

Model Number	No. Of Spindles	Roll Face Width (ins.)	Sheet Width (ins.)	Max Full Pkg. Dia. (ins.)
SW332	2	42	36	42
SW432	2	54	48	42
SW532	2	66	60	42
SW632	2	78	72	42
SW732	2	90	84	42
SW323	3	42	36	24
SW423	3	54	48	24
SW523	3	66	60	24
SW623	3	78	72	24
SW723	3	90	84	24

• **NOTE:** The max. spindle capacity is 3000 lbs. and depending on product specific gravity and sheet width, this may limit the maximum roll diameter. Spindle capacities over 3000 lbs. are available. Vulcan winders are designed for spindle RPM variations of 40 to 1. Higher variations are available upon request. Consideration should be given to this value when selecting core size, maximum full roll O.D. and line speed range.

## **MAIN FRAME:**

- Precision Heavy Wall Tubing, Plate and Structural Section Weldment
  - Rigid V-groove casters and screw type floor jacks
  - Sturdy operator platform (optional)

## **SPINDLES:**

- Safety Type Mandrel Chucks for Operation with 1 1/2" Square-end Mandrels
- Spindle Drive Suitable for Operation with 3", 6", or 8" Cores
- Idler Rolls to Assist in Transfer of Sheet

## **DRIVE TRAIN:**

- Independent Spindle Drives
- Constant Tension Winding Duty Motor Drive
- Maximum Line Speed - Winder Geared to Maximum Speed Required by Customer
- Four - or Eight-to-One Transmission, Depending on Customer Speed Range Requirements

## **CONTROLS AND ELECTRICAL:**

- 460 Volt (customer must specify), 3 Phase, 60 HZ, 4.6 KVA
- 115 Volt Control Circuit Voltage
- Winding Tension Control - Variable Transformer with Gauge Calibrated in 1 to 100% of Full Motor Voltage
- Push Buttons - Start, Stop and Emergency Stop

## **OPTIONS:**

- Spindle Reverse
- AC Brushless Servo Control
- 230 Volt, 3 Phase, 60 HZ Electrical Service
- Spreader or Bowed Rolls
- Accumulator System
- Pneumatic Actuated Lay On Rolls
- Load Cell Transducer and Microprocessor Based Tension Control (as shown in cover photo)

## **Vulcan Machinery Corporation**

20 North Case Ave., Akron, Ohio 44305  
Phone: (330) 376-6025 Fax: (330) 376-2172