

# **BOW** Industries Incorporated

## **1/4-Inch Magnetic Tape Conditioner Model 532**



### **FEATURES**

- Efficiently cleans and conditions 1/4-inch magnetic tape
- Automatically advancing cleaning tissue stations
- Easy operation
- Handles 7-inch to 10.5-inch tapes
- NAB, CINE and AEG (pancake) hubs available
- Hub Conversion Kits available

The BOW Model **532** was created to combine an efficient, safe cleaning operation with fast precision stacking of 1/4-inch tape on a wide variety of reels. The 532 was designed to handle reel sizes 7-inches through 10.5-inches in diameter for NAB, CINE or AEG (pancake) reel hubs. Field conversion kits are also available if more than one hub style is needed.

Tissue cleaning stations and a sapphire blade, proven time and again to be the most effective cleaning method, remove debris from both sides of the tape. Downstream, a uniquely designed packwheel delivers a straight, perfectly centered stack on both plastic and metal reels.

Tape speed is typically 200 ips (inches per second). However if tape stiction is an issue, we now offer the Selectable Speed Modification (SSM) option that allows the tape speed to be lowered and selectable between 60 ips and 120 ips.

<b>SPECIFICATION</b>	
<b>Dimensions</b>	20" H x 24" W x 17.25" D overall
<b>Weight</b>	50 lbs.
<b>Power</b>	100-240 VAC, 50/60 Hz, 3.25 Amps (Please Specify). Power cord for any country available
<b>Reel Capacity</b>	1/4 inch tape on 7 to 10.5-inches diameter reels. CINE, NAB and AEG reel hubs available. Conversion kits available (see options below)
<b>Tape Tension</b>	Constant, adjustable from 3 to 5 ounces
<b>Tape Speed</b>	200 ips (inches per second) $\pm$ .5%. SSM option: 60 or 120 ips selectable
<b>Hubs &amp; Guides</b>	Precision locating and positive locking, and maintenance free guides, rotating on ultra precision bearings to provide minimum tape wrap and maximum guiding
<b>Footage Counter</b>	4- digit LED, 1% accuracy, 1 ft. resolution
<b>Controls</b>	POWER, FORWARD, STOP and CYCLE
<b>Indicators</b>	FORWARD, STOP, CYCLE, FOOTAGE COUNTER display, BLADE LIFE indicators (NEW, 1/3, REPLACE), and REPLACE BATTERY indicator
<b>Brakes</b>	Failsafe electronic
<b>Pack Roller</b>	Precision disc, which precisely guides and presses air from tape layers to provide a uniform stack on the take-up reel (wind direction)
<b>Stack Quality</b>	Precision stack that meets requirements of NSA L14-2. Accomplished by a large diameter packwheel (pack roller) with 180° wrap
<b>Tape Low Sensing</b>	Automatically determines the hub diameter and stops the tape with a selectable amount of tape left on the supply reel
<b>Tape Absence Sensing</b>	Stops tape drive when tape is not present in tape path

<b>ORDERING INFORMATION</b>	
<b>Model 532</b>	Cleaner/Winder for 1/4 inch tape.
<b>OPTIONS</b>	
<b>Note: The unit comes with one hub type installed (CINE or NAB). Additional hub style would require a conversion kit listed below.</b>	
<b>CKA</b>	Conversion Kit to Precision NAB hubs
<b>AEG</b>	Conversion Kit to Precision AEG (pancake) hubs (Left Hub Only). Requires CINE hubs installed
<b>CINE</b>	Conversion Kit to Precision CINE hubs (5/16-inch Spindle Hubs)
<b>SSM</b>	Selectable Speed Modification

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