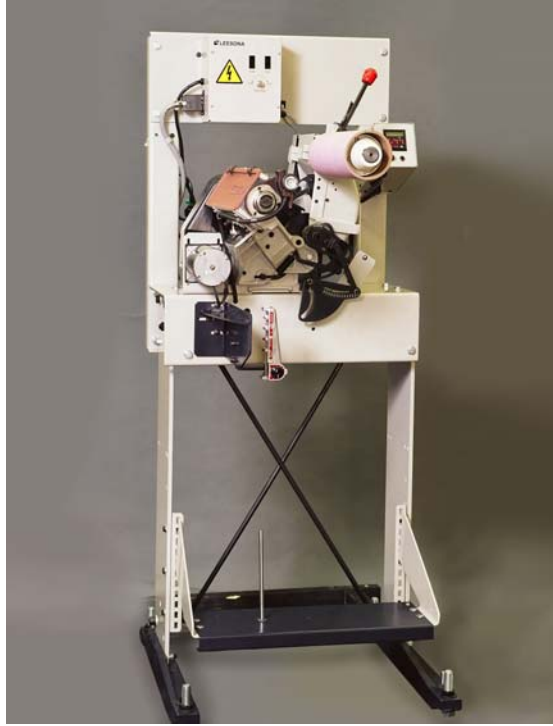




# LEESONA

## MODEL 861 WINDERS

Configured for Precision or Random Winding





# Leesona Model 861 Precision Winder

## IDEAL FOR ALL TYPE YARNS

With large package capability the 861 Machine is especially suited to winding heavy duty yarns for carpets, tires, upholstery, hosing, belting, cordage, twine and other products. It will efficiently package all yarns, both natural and man-made and in all counts.

## LARGE PACKAGES CUT COSTS –

Large, precision wound packages carry maximum yardage and therefore reduce handling and shipping costs to you and lessen creeling costs for your customer.

## ANY TYPE YARN LAY – “OPEN” OR “CLOSE”

While all 861 packages are PRECISION WOUND, they are not restricted to a “close” thread lay. An “open” lay is also readily obtainable when required, which provides the effect of a random, drum-wound type package while retaining all the advantages of the precision wound package. The 861 can also be used for taper packages. **Now available with fully programmable “Wind Ratio Control” for ultimate control of winding parameters and ease of changing winds.**

## UNIQUE “COMBINATION” SPEED SYSTEM BUILDS LARGER PACKAGES FASTER

The 861 special control system lets you build packages three different ways:

- At Constant Spindle Speed (with yarn speed increasing as the package diameter increases)
- At Constant Yarn Speed (with Spindle speed decreasing as the package diameter increases).
- At “Combination” Speed (using both constant spindle and constant yarn speeds, in turn). With this method, winding starts at constant spindle speed and continues to the highest speed the yarn can tolerate. Winding automatically shifts to constant yarn speed, which continues until the package is completely built. With this dual system, the 861 builds large packages 50% faster than machines using constant spindle speed only.

The Model 861 is available as a single unit or in 2, 3, 4 or 6 spindle groups. Each spindle is powered by an independent motor and drive.

## SPECIFICATIONS

<b>PACKAGE SIZE</b>		<b>SPEED RANGE</b> 300 – 1000 mpm	
<b>Maximum Diameter</b>	13.5" (343mm)	<b>MACHINE DIMENSION (6-Spindle)</b>	
<b>Traverse Length Single Cop</b>	6" (152 mm)	<b>Length</b>	108" 2743 mm
	8" (203 mm)	<b>Depth</b>	35" 889 mm
	10" (254 mm)	<b>Height</b>	75" 1905 mm
	12" (305 mm)	<b>POWER REQUIREMENTS</b>	
	16" (406 mm)	<b>Voltage</b>	230/115 VAC
<b>Two Cop:</b>	5.5" (140 mm)	<b>Hertz</b>	50/60 Hz
<b>Tube holder sizes: 2, 3, 3.25, 5.625 inch &amp; 90 mm, 94 mm</b>	7.5" (190 mm)	<b>Phase</b>	Single or optional three phase based on total number of winders
	<b>Cones / Traverse Lengths</b>	3 deg. 30 min	6" 152 mm
	7 deg. 22 min	8" 203 mm	
	3 deg. 51 min	8" 203 mm	
	3 deg. 51 min	10" 254 mm	
	3 deg. 51 min	12" 305 mm	

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