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Single Spindle Model #50

(401) 822-7871

Standard Mill Machinery Corp.

is continuing its 100 year tradition of producing, customizing and refurbishing winding machines for the textile and wire industries.



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Standard Mill Machinery Corp. 1370-C Main Street, P.O. Box 1335, West Warwick, RI 02893, USA

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About Us

Standard Mill Machinery Corp. is continuing the one hundred year tradition of its predecessor, Standard Mill Supply Co., of producing, customizing, and refurbishing winding machines for textile and wire businesses.

Arthur Lavoie and George Gil teamed up to purchase this unique business in July, 1995, now located in West Warwick, Rhode Island.

As company president, Arthur brings forty (40) years of textile machinery experience, in the winding field at Leesona, coupled with extensive customer service experience in his previous position as vice-president of Standard Mill Supply.

Standard Mill Machinery Corp. continues to focus on customizing and rebuilding Leesona winders. The winders can purchased as a single or multiple spindle configuration. This will allow you, the customer, to wind cotton, wool, wire, ribbon, foil, film, fiberglass, Kevlar, graphite aero-space composites, and materials for the medical field.

Originally called "Universal Winders," the Leesona 50's were designed to wind an incredible variety of packages - all kinds of tubes, cones spools, and coreless tubes - as well as various types of materials.

Because they are relatively simple, converting Leesona 50's for different packages and materials is quick and easy, a matter of fifteen or twenty minutes, compared to one to two days for automated, high production winders.

The 50's are also in demand for winding when low up-front costs are a priority.



Management Team (from left):
General Manager, David W. Austin
& President, Arthur H. Lavoie.

Telephone: (401) 822-7871

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Leesona model #50
(one to twelve spindle winder)
[Click image for larger picture and machine description](#)



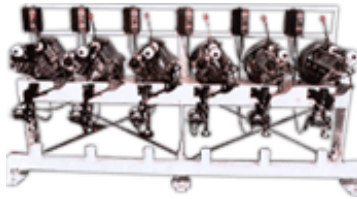
Leesona model #950
(single spindle take-up, available double deck structures, up to ten spindles)
[Click image for larger picture and machine description](#)



Leesona model #6C
(single spindle winder, available up to six spindles)
[Click image for larger picture and machine description](#)



Leesona model #45
(single spindle winder, available up to three spindles)
[Click image for larger picture and machine description](#)



Leesona model #861
(single spindle backwinder available up to six spindles)
[Click image for larger picture and machine description](#)



Leesona model #959
(single spindle take-up, available to multiple spindles)
[Click image for larger picture and machine description](#)



Wire Winders
(single spindle winder)
[Click image for larger picture and machine description](#)



Model #85 Payoff
(one to twelve end payoff)
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Specialty Machinery
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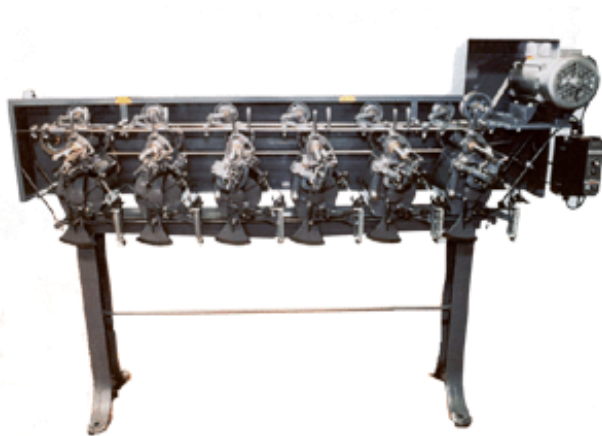
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Leesona Model # 50

(401) 822-7871



Features:

- 1.) Available from one to twelve spindles
- 2.) A/C or D/C variable speed drives
- 3.) Available attachments:
 - Straight tubing
 - Large OD
 - King Spool (Standard or Jumbo size)
 - Parallel Wind
 - Pineapple Coning
 - Standard Coning
 - Taper End
 - Yardage Counters
 - Attachments engineered for special applications
- 4.) Traverse up to 6"
- 5.) Gate Tensions

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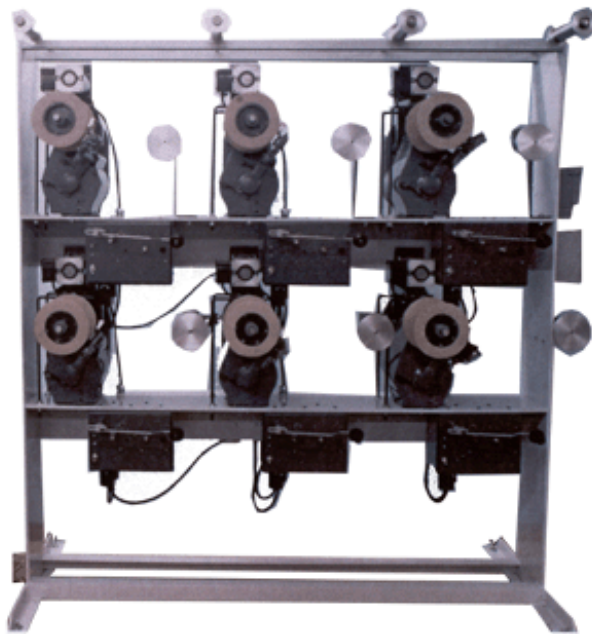
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Leesona Model # 950 Take-Up (401) 822-7871



Features:

- 1.) Available from one to ten spindles - (Double Deck five over five)
- 2.) Frame Assembly
- 3.) Gear train assembly for precision wind
- 4.) Compensator control, modular for ease of removal and adjustment, solid state electronics with D/C design
- 5.) Tension by spring force acting internally on compensator arm
- 6.) Traverse up to 6"

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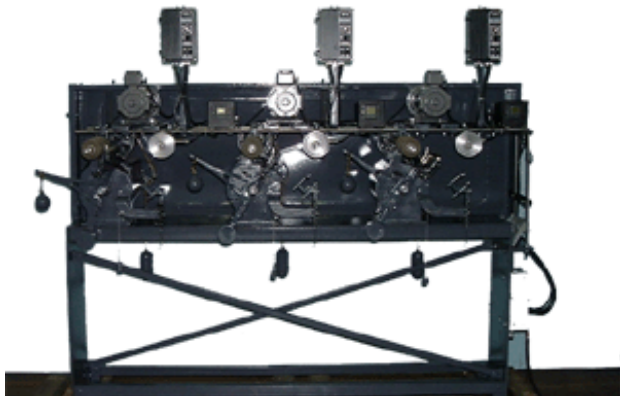
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Leesona Model # 6C

(401) 822-7871



Features:

- 1.) Available from one to six spindles
- 2.) Standard traverse to 8"
- 3.) Tubing or coning
- 4.) Belt gain only
- 5.) Gate tension
- 6.) Individual motor drive - either A/C or D/C variable speed
- 7.) Sizing and stop motion switches, electro-mechanical
- 8.) Material metering devices available

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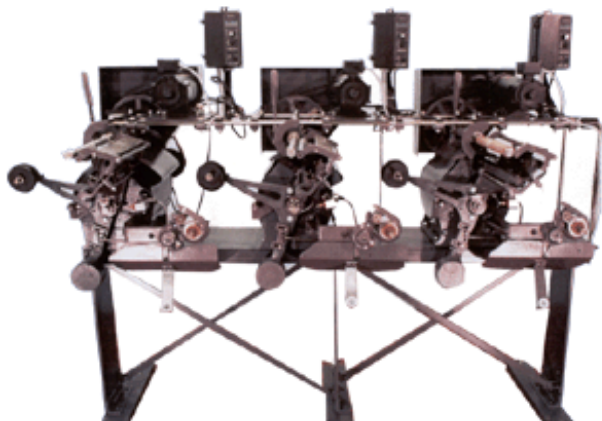
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Leesona Model # 45

(401) 822-7871



Features:

- 1.) Available from one to five spindles
- 2.) Standard traverse up to 10"
- 3.) Tubing or coning
- 4.) Belt or gear gain
- 5.) Gate or disc tensions
- 6.) Individual motor drives - either A/C or D/C available
- 7.) Sizing and stop motion switches, electro-mechanical
- 8.) Material metering devices available

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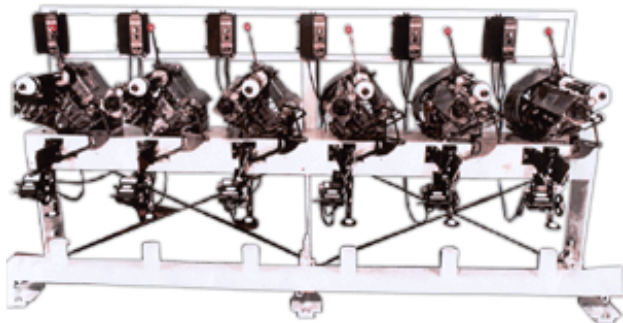
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Leesona Model # 861

(401) 822-7871



Features:

- 1.) Available from one to six spindles
- 2.) Standard traverse sizes (6, 8, 10 & 12")
- 3.) Tubing or coning
- 4.) Standard pinch tension
- 5.) Sizing and stop motion switches, electro-mechanical
- 6.) Individual motor drives using 1/2 HP D/C control
- 7.) Material metering devices available

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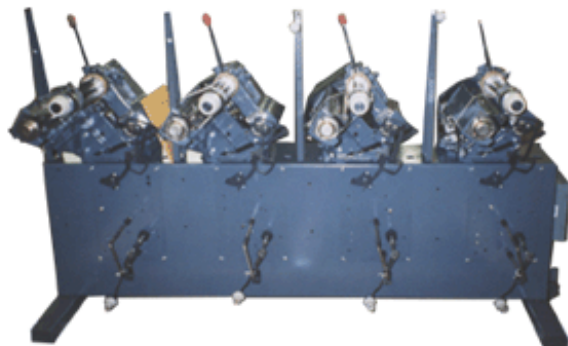
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Leesona Model # 959 Take-Up (401) 822-7871



Features:

- 1.) Available from single to multiple spindles
- 2.) Standard traverse sizes (6, 8, 10 & 12")
- 3.) Tubing only
- 4.) Individual motor drives using 1/2 HP D/C control
- 5.) Compensator control, modular for ease of removal and adjustment, solid state electronics with D/C design
- 7.) Tension by spring force acting internally on compensator arm

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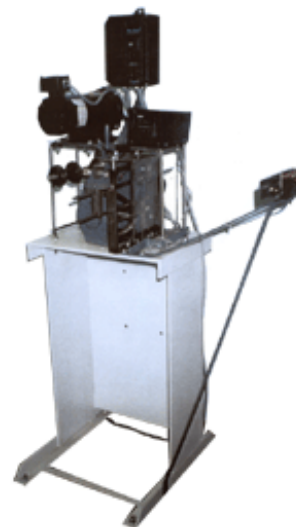
Wire Winders

(401) 822-7871

Standard Wire Winder



Uni-Drive Wire Winder



Standard Wire Winder Features:

- 1.) Single spindle mounted on a pedestal
- 2.) Includes electro-mechanical breakage lever frame for up to twelve (12) ends
- 3.) To include various diameter spindles depending on customer specifications
- 4.) Using linear traverse mechanism to adjust traverse from 1 to 12 inches, or larger sizes available upon request
- 5.) Electronic counter with magnetic pick-up, counting revolutions of spindle
- 6.) Individual motor drive to include 1/2 HP D/C controlled motor with an adjustable fifteen (15) second ramp up and ramp down feature

Uni-Drive Wire Winder Features:

- 1.) Single spindle mounted on a pedestal
- 2.) Includes electro-mechanical breakage lever frame for up to twelve (12) ends
- 3.) Includes 5/16" or 5/8" diameter spindles for either New England Butt or Wardwell braider spools
- 4.) Micrometer variable traverse mechanism to adjust traverse 1 3/4 to 5 1/2"
- 5.) Electronic counter with magnetic pick-up, counting revolutions of spindle
- 6.) Individual motor drive to include fractional HP D/C controlled motor with an adjustable fifteen (15) second ramp up and ramp down feature
- 7.) No brakes or cellenoids are used

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Model # 85 Payoff (401) 822-7871



Features:

- 1.) To accommodate spools with 5/8" diameter bore to hold a maximum weight of 25lbs. per spindle
- 2.) Available from one to twelve spindles
- 3.) Can accommodate spools up to and including 3" diameter arbor hole

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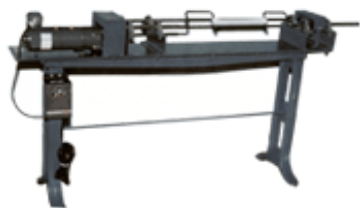
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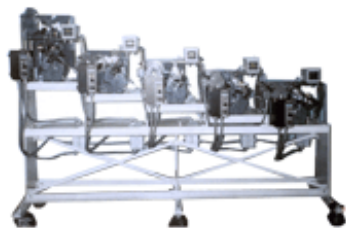
Hanking M/C



Hank Twister



Rolling Mill Machine



Model # 50 Step Structure

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Services

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If your machine has been left idle, it may still be usable, or saleable.

Standard Mill not only refits, upgrades and rebuilds Leesona winders, but supplies their spare parts and service manuals. "Send us the material you want to duplicate, and we'll tell you if we have a winder that can do the job. We will even wind a sample for you."

When you are ready to have your Leesona winders rebuilt, you will face an assortment of conversion decisions. Frequent conversions include: taper-end tubing, king spooling, pineapple coning, metering, Arnold tubing and emulsion adaptation.

Less common upgrades include: variable speed controls, spooling and graphite adaptation. Costs vary, depending on the number of spindles, type of conversion and other factors.

Standard Mill is the leader in rebuilding #50's. It makes little sense to cut corners when you rebuild a Leesona #50. Break it down to the bare heads, clean it, inspect it, repaint it and rebuild it, incorporating any conversions and adaptations. At that point, judging by history, your winder should be fresh, fit and ready to run for many decades.

List of Services

- Wind sample packages for customers' inspection
- Rebuilding of various model Leesona winders (specify)
- Parts - New and Used
- Specialty Winders
- Service Manuals
- Machine Setup Services
- Fabrication
- DC/ AC Drives
- Metering Devices
- Emulsions

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A One Hundred Year Tradition of Quality and Service

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