



PROFINISHER[®]

144SHE Garment Form Finisher



Multiple Patents Pending - U.S. and International.

LEONARD AUTOMATICS, INC.

"our reputation is stainless"[®]

INNOVATIVE DESIGN

The ProFinisher® Garment Form Finisher is the most efficient and productive method to finish knit garments to date.

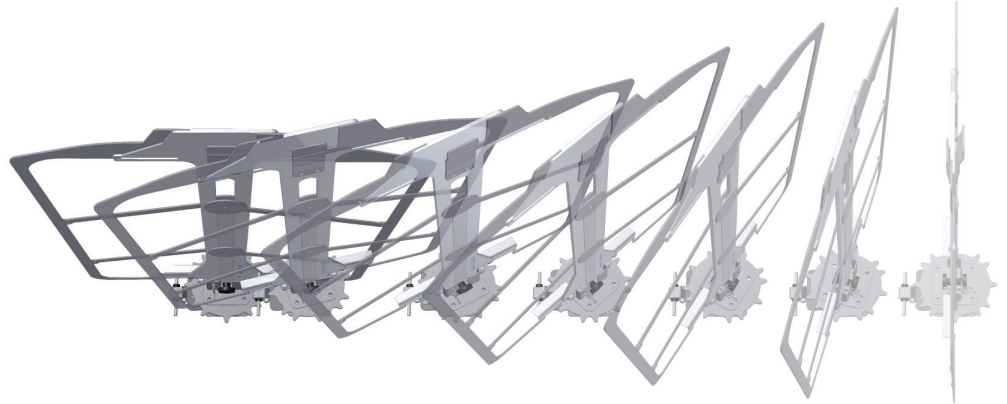
The ProFinisher® produces a better quality finished garment than you can create by hand. It steams the garment front and back, finishing the garment with hot air, creating more loft to the fibers, a better hand, and a smoother finish; the exact opposite of crushing the fabric with a hand iron. The garment is finished front and back with no shine, it comes out of the machine dry and ready for folding and packaging.

Overall reduction in finishing labor can exceed 90%.



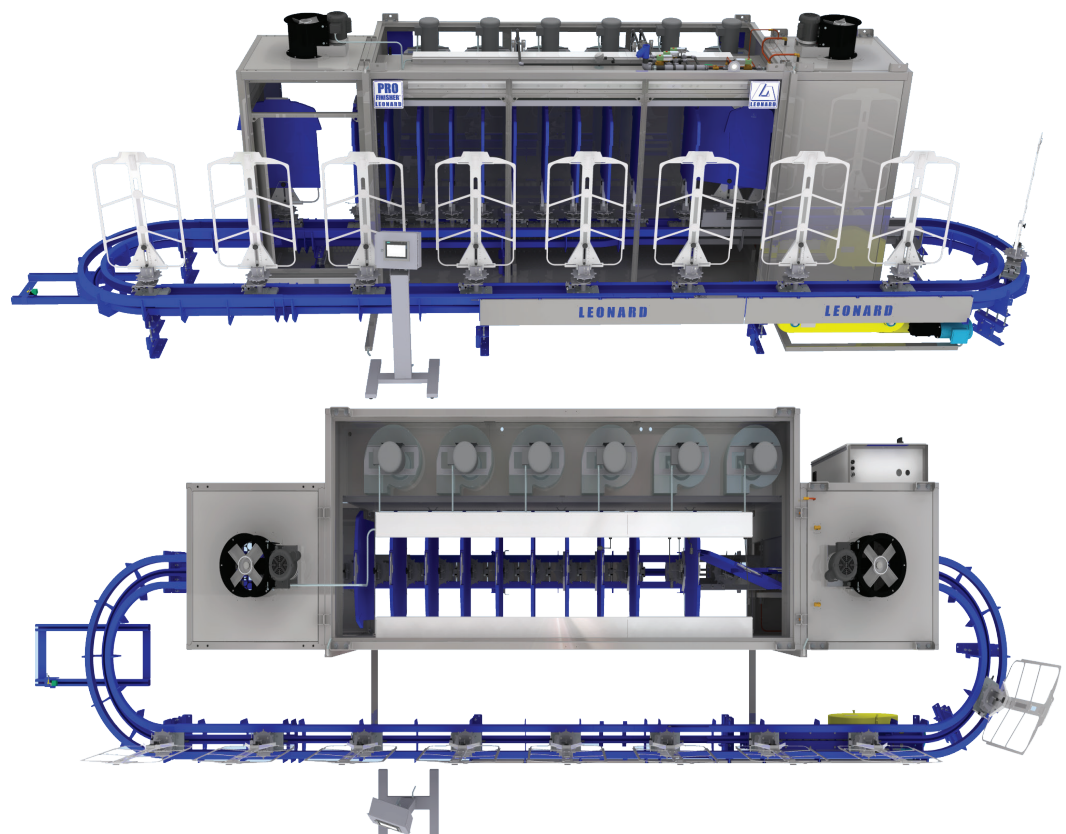
New articulating conveyor system

The new industrial strength conveyor is stronger, requires less maintenance and is designed to run for generations.



ProFinisher® 144SHE

This one-of-a-kind conveyor articulates the garment form at each zone of the machine for proper orientation: for operator loading, garment steaming, hot air finishing, cool down and operator removal for folding.

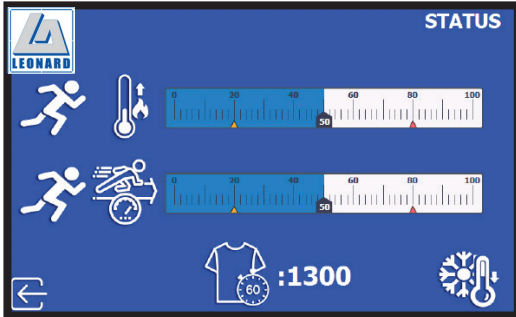


Logic Controls



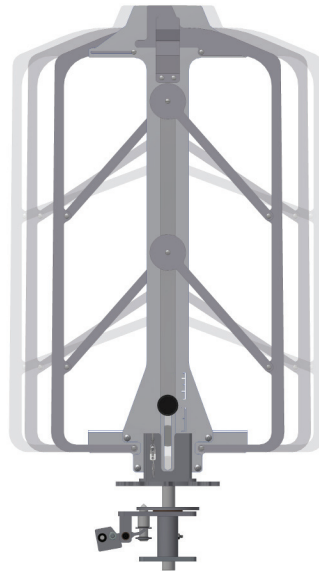
Leonard Automatics is proud to feature the most up-to-date Siemens PLC Interface Control Center on the ProFinisher.®

The system is controlled through a graphical touch screen interface with easy to navigate menus. Simple to understand, it provides important information including machine operation, troubleshooting, run-time history, maintenance schedules and data logs.



Custom Forms

Leonard Automatics provides the forms to fit your specific needs. Each set of forms will cover an entire size range: for example, Mens small to 2XL. The forms are quickly and easily adjustable in size.



Before and After



ProFinisher® 144SHE FEATURES

Designed for knitted products: better quality, softer hand, no shine, completely dries garments.

High production: 3 Operators, 1200 garments per hour.

Reduces pressing labor up to 90%.

Reduces finishing area energy costs up to 40%.

Reduces finishing area floorspace up to 50%.

Siemens PLC with programmable recipes for unique garment categories.

Customized garment forms available.

Automatic PLC-controlled Conveyor Lubricator system.

Articulates garment form through each zone.

Garments properly oriented for folding efficiency.

Inverter speed-controlled conveyor.

Automatic chain tensioning for conveyor, reducing maintenance.

Designed for maximum energy efficiency.

Automatic conveyor lubrication system.

Multi-national patent pending.

TECHNICAL SPECIFICATIONS

Steam Heat

Our coils are of the seamless single copper tube type and are rated to withstand **10.5 bar of steam at 185c**. The fin construction provides uniform support for all coil tubes.

ProFinisher® 144SHE

Machine Size

Length:	9169 mm
Width:	2946 mm
Height:	2642 mm
Weight:	3500 kg

Electrical Service

Standard Voltage:	400v / 50hz / 3ph
Nameplate Amps:	32 Amps

Steam Requirements

Steam Consumption:	313 kg/hr
Steam Line:	1-1/2" NPT
Return Line:	3/4" NPT
Max Pressure :	9 bar

Ventilation Requirements

Exhaust Duct Size:	12" dia
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Compressed Air Requirements

Air Inlet	1/4" NPT
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**Please consult layout drawings for detailed dimensions including conveyor, control panels and utility connections.
Specifications subject to change without notice.
Manufactured in the U.S.A.
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