



Your challenges
in pre-shrinkage
is our matter...

RUBBER BELT COMPRESSIVE SHRINKAGE RANGE

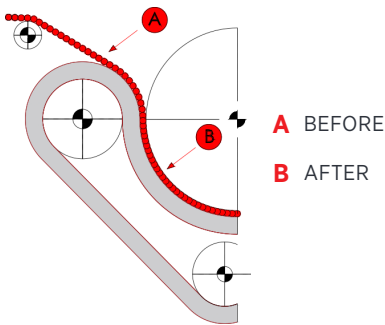


Rubber Belt Compressive Shrinkage Ranges

Compressive Shrinkage Ranges

Sener is committed to manufacturing Rubber Belt Compressive Shrinkage Ranges with the highest quality characteristics for Denim Fabrics, Woven Fabrics and Open-Width Knit Fabrics.

Sener's company philosophy is to provide solutions for all our customers challenges in the pre-shrinkage process. Each type of Compressive Shrinkage Machine, DenFOR, SenFOR & KnitFOR, are designed to target customers specific needs and developed on generations of accumulated knowledge and experience providing state-of-art manufacturing capacity.



Compressive shrinkage is a purely mechanical treatment that is applied to fabric without any addition of chemicals, providing width and length stability to the textiles.

Features of our Compressive Shrinkage Machines

- ➔ All Rubber Belt Units are equipped with high quality chrome plated cylinders.
- ➔ Seamless high pressure (6 bar) heated cylinder.
- ➔ Extremely robust and simple construction of rubber belt unit leads easy replacement of rubber belt.
- ➔ All operating parameters are controlled by PLC system on touch screen operator dialogue panel.
- ➔ Automated grinding and dust suction unit is included optionally.

All units come equipped with a Dunline Rubber Belt to ensure superior shrinkage and the softest hand is imparted to fabric.



Compressive Shrinkage Machine SenFOR series for Woven Fabrics & HOME TEXTILES



SenFOR series of SF-2400 & SF-3400 Shrinkage Machines are designed to achieve compressive shrinkage that guarantees dimensional stability and soft touch hand on woven fabrics. We have developed the SF-3400 series Rubber Belt Compressive Shrinkage Machine specially for **home textile** customers. SF-3400 serie, is dedicated to whom looks for dimensional stability and soft hand touch on bed sheetings, with its robust construction.

Working Width

SF-2400 / 1.800 to 2.400 mm
SF-3400 / 2.600 to 3.400 mm

Fabric To Be Processed

cotton & cotton blend
viscose, polyimide made
woven fabrics

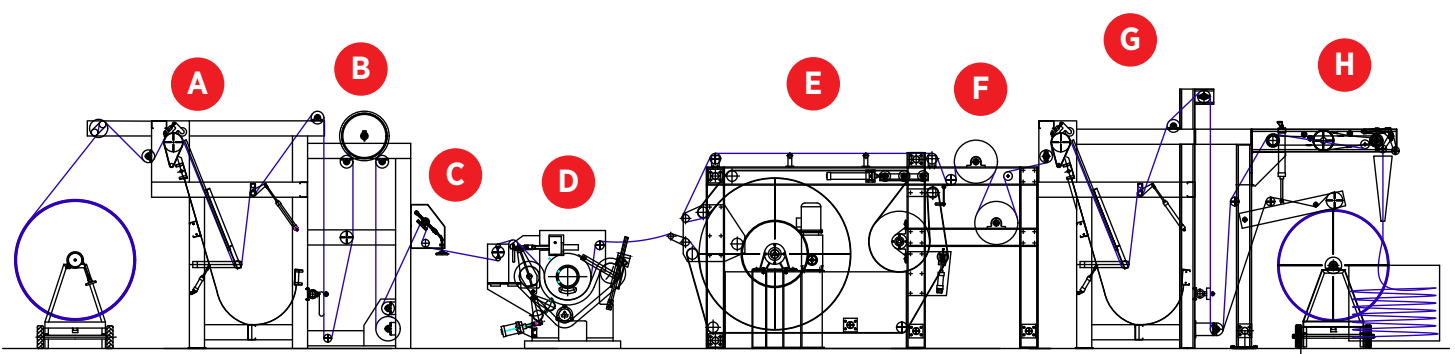
Machine Speed

up to 80 mt/min.

We work exclusively with high end parts such as Dunline Rubber Belts to ensure superior shrinkage and softest hand is imparted to fabric. SenFOR ensures customers achieve the best results in compressive shrinkage processes by easy intervention of speed, temperature, pressure and moisture thanks to fully automated PLC control system.

➡ According to production speed and fabric weight, Palmer cylinder is built as 1.800 to 2.000 mm diameter to ensure high drying capacity. In this unit we have also 1 pc. smaller dryer cylinder.

➡ Additional moisture application units available prior to Rubber Belt Unit.



A Entry Frame with J-scray **B** Moisturing Unit **C** Weft-Straightener-optional **D** Rubber Belt Shrinkage Unit
E Palmer Unit (Ø1.800 - 2.000 mm) **F** Cooling Unit **G** Exit J-scray **H** Big batch winder and/or plaiter



Compressive Shrinkage Machine DenFOR for Denim Fabrics



DenFOR series of machines are designed for finishing and achieving compressive shrinkage on Denim Fabrics. These machines are specially designed to manage the heavier weight and high shrinkage requirements of Denim Fabrics. In addition to providing maximum shrinkage capacity, the design also ensures ease in achieving the softest “hand” or touch to fabrics.

Working Width

1.600 to 2.400 mm

Fabric To Be Processed

cotton & cotton blend
woven fabrics

Machine Speed

up to 80 mt/min.

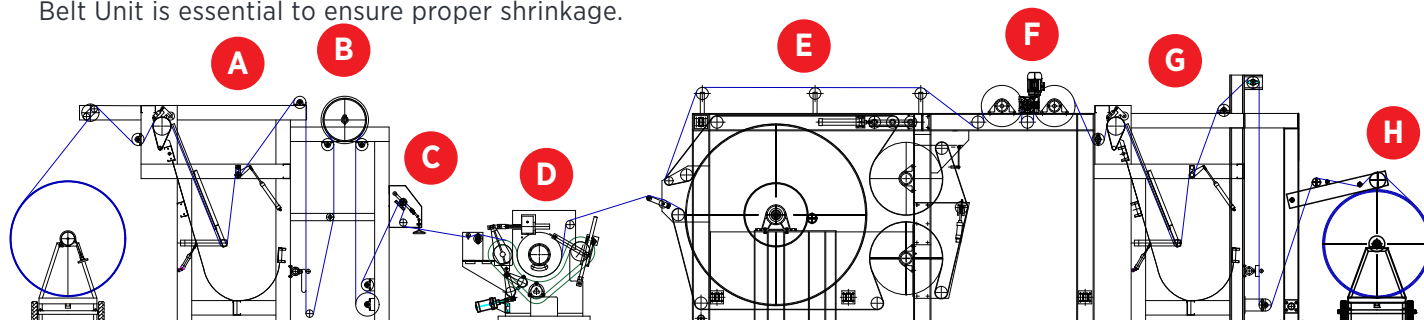
According to production speed and fabric weight, Palmer Cylinder is built as 2.500 mm diameter to ensure high drying capacity. In this unit we have also 2 pcs. smaller dryer cylinders.

DenFOR series machines are customizable to meet the specific working conditions and requirements of our customers.

➔ Schneider PLC to control all parameters (speed, temperature, pressure & moisture) via a touch screen operator dialogue panel.

➔ Additional moisture application units available prior to Rubber Belt Unit.

*NOTE : Sufficient and homogeneous distribution of moisture prior to the Rubber Belt Unit is essential to ensure proper shrinkage.



- A** Entry Frame with J-scray **B** Moisturing Unit **C** Weft-Straightener-optional **D** Rubber Belt Shrinkage Unit
- E** Palmer Unit (Ø2.500 mm) **F** Cooling Unit **G** Exit J-scray **H** Big batch winder



Compressive Shrinkage Machine KnitFOR for Open-Width Knit Fabrics

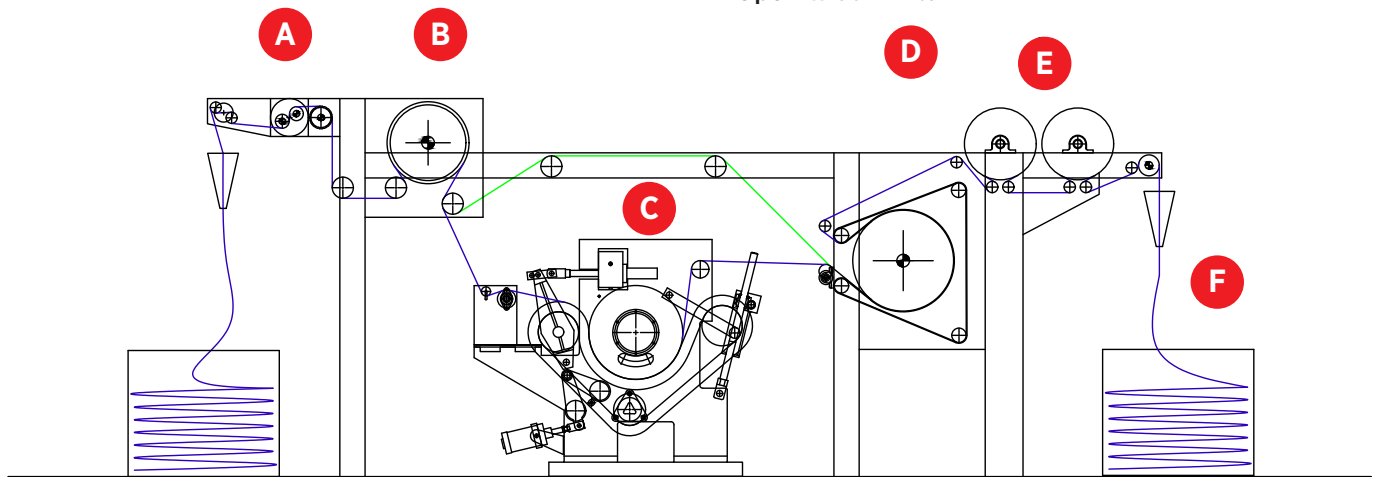


KnitFOR series of machines are designed to achieve dimensional stability on open-width knits. As well as providing shrinkage, the rubber belt unit guarantees a special soft feel or “hand” to the fabric-in high demand in today’s knit fabric market.

Working Width
1.800 to 2.600 mm

Fabric To Be Processed
cotton & cotton blend,
viscose, polymide made
Open-width knits

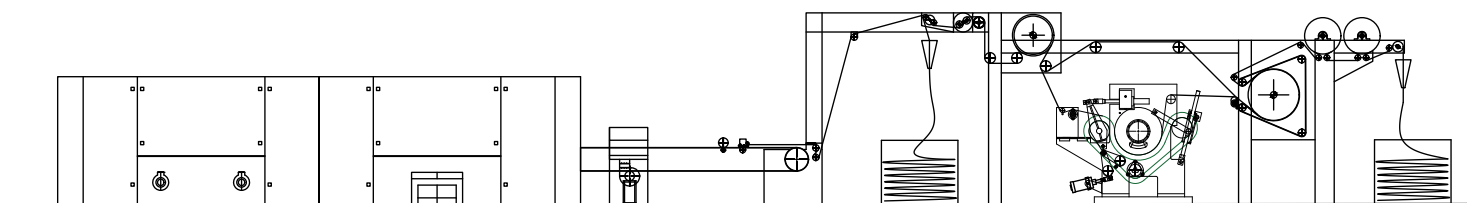
Machine Speed
up to 40 mt/min.



A Entry in plaited form **B** Moisturing Unit **C** Rubber Belt Shrinkage Unit **D** Felt Calender **E** Cooling Unit
F Plaiter

➔ KnitFOR series entry and exit are generally made in plaited form, as usually or input rolled up batches on A frame.

➔ Sener, KnitFOR series can be installed and started-up very quickly.



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