

WELCOME TO SVEGEA OF SWEDEN

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www.svegea.se

The widest range of band-cutting machines

Svegea has over 70 years experience in exclusively designing, manufacturing and installing the highest quality collarett band-cutting machines world wide.

Collarett Cutting Machines

Fully Automatic Range



EC 100



EC 200



EC 200-C



EC 50 Semi automatic

Main features:

- Cuts virtually all knitted fabric.
- Simple and precise measurement scales makes the machine easy to adjust and operate.
- Produces top quality - relaxed binding.
- Very low waste.
- Cutting knives of high-grade Swedish steel.
- Limited working parts for very low maintenance.
- Economically priced.



EC 200-CS



EC 300



EC 300-S



EC 300-XS



EC 400-S/XS

Accessories



Prefeed device for rolls only.

High prefeed device.



E-drive II. Electronic speed synchronization for fabric turn-table.

Meter/yard counter, digital.



Roll-lifter.
For easier and more ergonomic handling of cut rolls.



Festooner. Available for up to 4 bands.



Dust-Phantom.

Vacuum unit for removal of lint/dust and improving the work environment.



True-drive II. PLC-controlled speed synchronization of fabric turn-table.

Bias System

Slitting Machines

Tube Sewing unit 200A

The Svegea Sewing unit 200A sews open fabric into a continuous tubular piece.

This is the first stage required to produce Bias Binding. The unit is easy to use, requiring minimal operator assistance.



The sewing process:

- Open with fabric (up to 200cm/78") passes through a folder.
- Folded edges are automatically aligned, prior to seaming.
- Excess fabric is trimmed away during sewing.
- An in line heated iron, irons the sewn seam.
- The fabric is re-rolled.

Machine features:

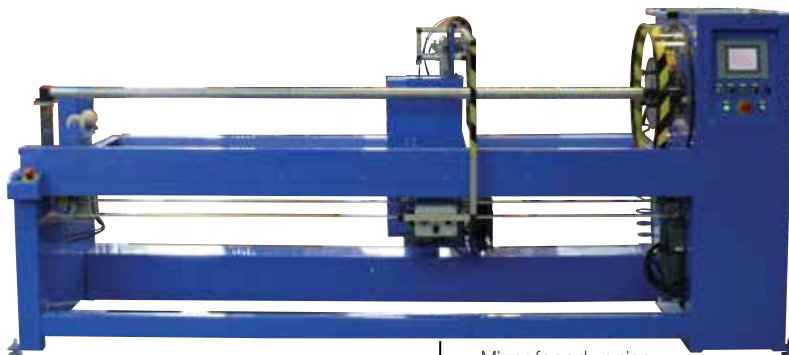
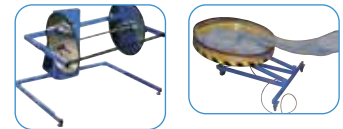
- Preset stitch counter (for lock stitch, to eliminate the risk of bobbin thread running out).
- Thread break detector.
- Vacuum unit to remove excess trimmed material.
- Electronic machine speed regulator.
- Automatic photo cell edge alignment.
- Variable stitch length.

Bias Cutter/Winder 200 (200E/200E2)

- New Frame Design
- Electronic roll tension
- Pneumatic control of fabric pressure bar
- Pneumatic knife grinder
- Electronic (joystick) Drive/Transport of Fabric Bias Bars
- Equipped with Bow Bar for wrinkle elimination
- Edge Alignment

Machine specifications:

- Max width of material 200cm (78").
- Max width of tube material to be opened and rolled on the bias - measured double flat is 120-155cm (47-61") depending on the bias angle.
- In order to ensure minimal waste the 45 degree bias angle is adjustable between 38 and 52 degrees (from 12 degrees with kit option), allowing control of the final width of the bias roll.
- One arm is free floating on roller bearings which self adjusts the tension of tube material. This compensates for irregularities in width of tube (200 E2).
- All rollers have sealed ball bearings.
- Svegea's Bias Cutter/Winder has an advanced electronically controlled speed regulation allowing stepless speed control up to 30 Meter/minute, keeping the rotating speed of the basket (for folded material) or the tube feed unit (rolled material) true to the speed of the Bias Cutter.
- Electronic pre-tension control between cutting and fabric take-up (200 E/200 E2).



- Mirror-faced version

Strip Cutter SC 300 / SC 400

Semi automatic

The Svegea Strip Cutter SC 300 handles material on the roll up to a max width of 200cm, (78") and roll diameter up to 300mm (12").

The Svegea Strip Cutter SC 400 handles material on the roll up to a max width of 200cm, (78") and roll diameter up to 400mm (12").



Strip Cutter FA 350 *Fully automatic*

The Svegea Model FA 350 is a fully automatic roll-slitting machine and handles material on the roll up to a max width of 200cm, (78") and roll diameter up to 300mm (12"). It will slit any type of material on the roll (e.g open knits, woven fabric, PVC, Vinyl, Satin, Polyester, some paper products, non wovens etc).

Strip Cutter FA 500/600 *Heavy Duty Fully automatic*

The Svegea Model FA 500/600 is a heavy duty, fully automatic roll-slitting machine. It will slit any type of material on the roll (e.g open knits, woven fabric, PVC, Vinyl, Satin, Polyester, some paper products, non wovens etc).



• Auto-Chuck, Pneumatic

Machine features:

- 2000mm width capacity.*
- 400mm maximum roll diameter.**
- 500mm blade diameter.***
- Up to 6 preset cut widths and number of cuts per cycle. Recipe storage for quick setup and change over.
- Totally enclosed during cut cycle for complete operator safety.
- Adjustable variable speed blade penetration.
- Adjustable variable speed blade and material roll rotation.
- Automatic sharpening of cutting blade with adjustable sharpening time.
- All functions are PLC controlled with servo driven X & Y positioning.
- Touch screen operator panel. Industry 4.0 ready.
- Automatic blade cooling device with variable settings. (optional)
- Pneumatic chuck. (optional)



* Other dimensions on request ** FA 600: max.roll ø 500mm *** FA 600: Cutting blade ø 600mm

TSO-380 *Tubular Knit Slitter*

This machine converts a tubular knit fabric from its tube form into a single width roll of material, ready to be slit into tape. TSO 380 brings huge fabric savings compared to the traditional method of producing two rolls of open knits fabric from tubular knit, for the production of tape or binding.

Machine features:

- Max Tubular fabric width 100cm (40")
- Max open width 200cm (78")
- Equipped with Automatic Prefeed device with tension control before cutting
- Tension control of fabric take-up
- Semi automatic blade sharpening device
- Advanced electronically controlled speed regulation allowing stepless speed control up to 30 meters/minute
- Electronic meter/yardage counter for accurate control of rolled length or pre-setting of required length
- Out of fabric Auto stop



Roll to Roll Slitter

Roll to Roll Slitter RRS-800

Machine features:

- Motorized knife with adjustment speed as an option
- Adjustable cutting widths accomplished by moving placement of the knives
- Optional electronic meter counter available
- Optional pneumatic lift kit allows the knife shaft to be lifted for ease of loading and start-up
- Re-rolling is accomplished after slitting on two independent air-expanding shafts
- Machine equipped with a total of 3 shafts; one for master roll and two for re-rolling of slit rolls
- Different air-shaft sizes available upon request



**Check out our website
for a complete
Band Knife range!**

SV/BK 750

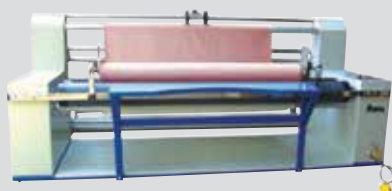


SV/BK 1100



Economic Fabric Rewinding / Inspection Machine

Fabric Rewinding Machine W 1800



Machine features:

- 1800mm width capacity
- Adjustable electric speed
- Can handle rolls up to diameter of 500mm
- Mechanical meter/yard counter
- Roll to Roll
- Economically priced

Options:

- Edge Alignment Device
- Electronic Meter/Yard counter

Fabric Inspection Machine CMI 180 / 180E



Machine features:

- 1800mm width capacity
- Adjustable electronic speed
- Can handle re-roll diameter up to 500mm
- Mechanical Yard counter
- Roll to Roll
- Photocell edge alignment
- Economically priced
- **CMI 180E** - Edge Alignment Device

Fabric Rewinding Machine W 2100S



Machine features:

- 2100mm width capacity
- Machine speed infinitely variable
- Tension free rewind with precise tension control feature
- Can handle rolls up to diameter of 500mm
- Mechanical meter/yard counter
- Roll to Roll
- Economically priced

Options:

- Edge Alignment Device
- Electronic Meter/Yard counter

Fabric Inspection Machine CMI 210R / 210ZR



Machine features:

- 2100mm width capacity
- Roll to Roll
- Machine speed electronic infinitely variable
- Photocell edge alignment
- Electronic tension adjustment
- Electronic meter counter
- Economically priced
- Edge Alignment Device
- **CMI 210ZR** - Roll to Roll, Roll to Flat



Specifications and appearance are subject to change without prior notice for improvements.

