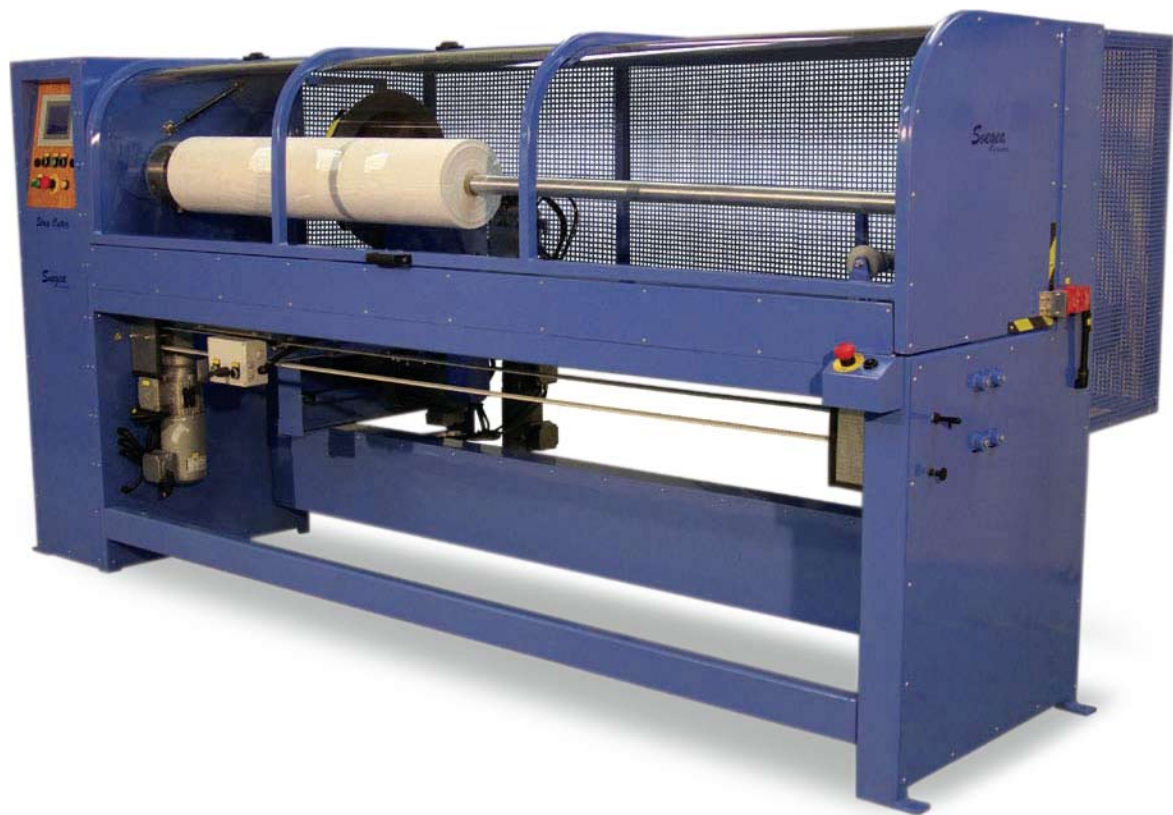


Latest hard/software version

FA 350/500





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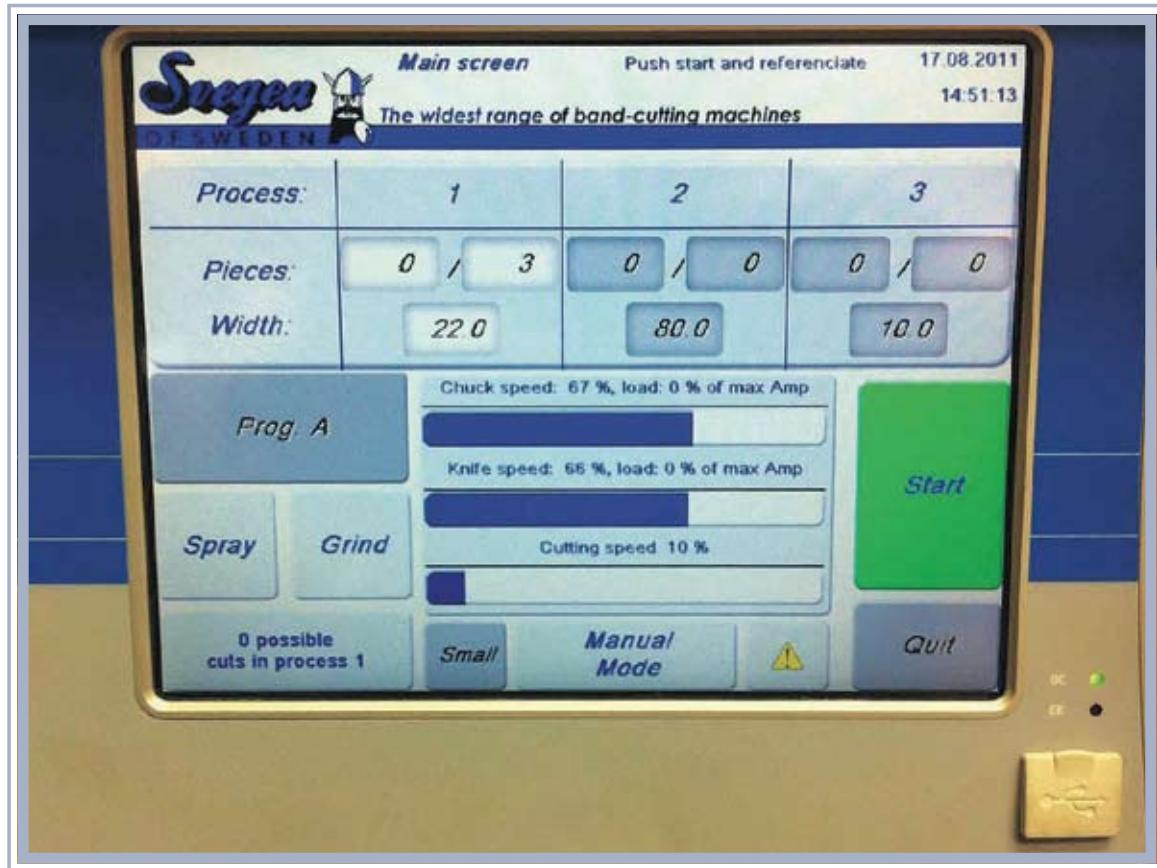
Features

- Reference docking only when starting up
- Detection of knife size is programmable
- Grinder travels with knife
- Position for roll length kept in memory
- Auto detection of fabric roll size
- Counter for total number of cuts
- Delay of cooling spray can be set
- Time for knife position to the shaft is changable
- Setting of knife position to shaft by touch panel display
- Set knife position to paper core by touch panel display
- Set photo cell position to paper core by touch panel display
- Wrapping mode (option)
- Rewinder mode (option)
- Manual cutting mode, move at preset width by pushing start button
- Display with USB connection
- Auto calculating of possible cuts to reduce waist of fabric

8,5" Color Touch Panel Display

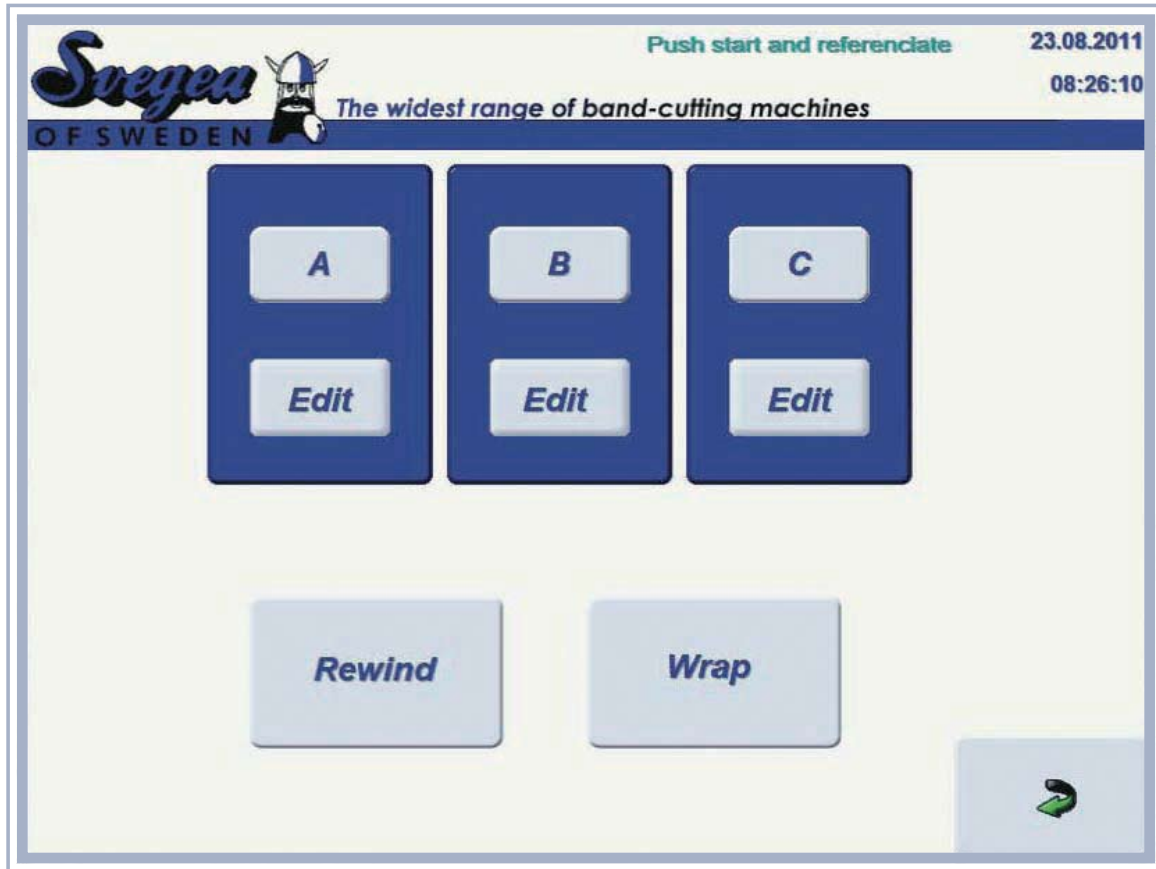
Main Screen

Full visual view and control of settings.



Main Screen

3 programmes, each handles up to 3 preset cut widths and number of cuts per cycle.



Main Screen

Possible to use different fabric shaft sizes.



Manual Cutting Mode



Manual Mode

Push start and referenciate

23.08.2011

08:24:42

The widest range of band-cutting machines

Chuck speed: 0 %, load: 0 % of max Amp

Knife speed: 0 %, load: 0 % of max Amp

Cutting speed 0 %

**Grinding time
activated**

Start Grinding

**Start Chuck
and Knife**

X-Position: 0.000 mm

Warning! All Safety devices are inactivated!

Activate Joystick


**Set new
rollpos**



Program Settings

Editing Program

Very easy editing of program settings.


Saegea
OF SWEDEN 

Push start and referenciate 23.08.2011
08:06:53

The widest range of band-cutting machines

Editing Program

Chuck speed:	<input type="text" value="0"/>	%	<input type="button" value="CW"/>	Cutting paper cone:	<input type="text" value="0"/>
Knife speed:	<input type="text" value="0"/>	%	<input type="button" value="CW"/>	Stop return shaft:	<input type="text" value="0.0"/>
Cutting speed:	<input type="text" value="0"/>	%		Delay start cooling:	<input type="text" value="0.0"/>
				Air blow time:	<input type="text" value="0.000"/>



Automatic Cutting Mode

Cutting Mode

Full vision control of process.

The screenshot shows the 'Main screen' of a Saegea CNC control system. At the top, it displays the Saegea logo with a cartoon character, the text 'The widest range of band-cutting machines', and the date '17.08.2011' and time '14:51:13'. The screen is divided into three columns for different processes (1, 2, and 3). Process 1 is active, showing 0 pieces out of 3, with a width of 22.0. Process 2 shows 0 out of 0 pieces with a width of 80.0. Process 3 shows 0 out of 0 pieces with a width of 10.0. Below the process table, there are buttons for 'Prog. A', 'Spray', and 'Grind'. A central area displays speed and load indicators: 'Chuck speed: 67 %, load: 0 % of max Amp', 'Knife speed: 66 %, load: 0 % of max Amp', and 'Cutting speed 10 %'. A large green 'Start' button is on the right. At the bottom, there are buttons for 'Small', 'Manual Mode', a warning icon, and 'Quit'. A status bar at the bottom left indicates '0 possible cuts in process 1'.

Process:	1	2	3
Pieces:	0 / 3	0 / 0	0 / 0
Width:	22.0	80.0	10.0

Chuck speed: 67 %, load: 0 % of max Amp

Knife speed: 66 %, load: 0 % of max Amp

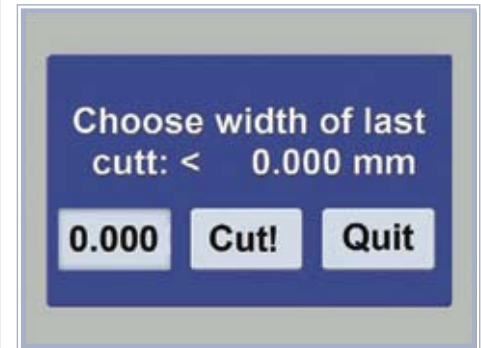
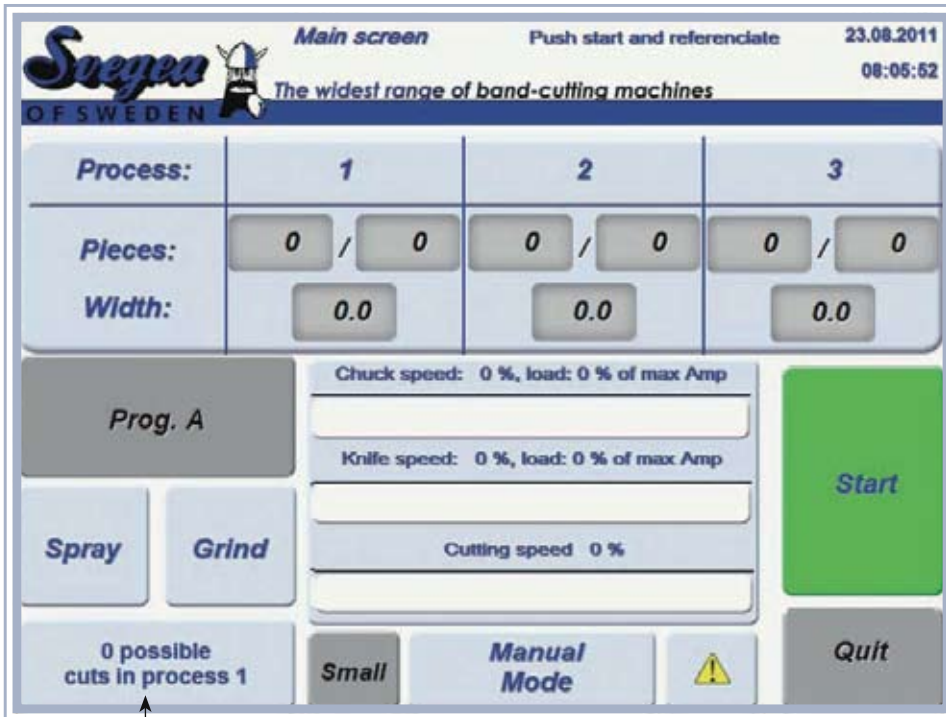
Cutting speed 10 %

0 possible cuts in process 1

Start

Manual Mode

Quit



Auto calculating of possible cuts to reduce waist of fabric.

OR

If last band width is less than preset width, choose of width of last band roll can be set.

Program is done!

OK!

Continue

Grinding Mode

Sagea
OF SWEDEN



Main screen

Push start and referenciate

23.08.2011

08:30:50

The widest range of band-cutting machines

Process

Pieces:

Width:

Prog.

Spray

0 possible
cuts in process 1

Small

Manual
Mode



Quit

Prog. A

Grind after 0 cuts

Grinding time 0.0 sec.

Measure knife after 0 cuts

3

/ 0

0.0

Start

Cooling System

Svegea
OF SWEDEN



Main screen

Push start and referenciate

23.08.2011

08:31:28

The widest range of band-cutting machines

Process:

Pieces:

Width:

Prog. A

Spray

Gr

0 possible
cuts in process 1

Small

Manual
Mode



Quit

Prog. A

Cooling:

Off

Delay start cooling:

0.0

sec.

Max Cooling Time

0.0

sec.

3

0

/

0


0.0

Start

Trouble Shooting

Trouble Shoot


Easy visual overview and testing of I/O functions.

Saegea
OF SWEDEN  *The widest range of band-cutting machines*

Push start and referenciate 23.08.2011
08:20:53

Chuck	Knife	Inputs	Outputs
Speed: 0 %	Speed: 0 %	Emergency stop ●	Spray ●
Direction Forward	Direction Forward	Door lock ●	Air blower ●
Start	Start	Left end sensor ●	Lock hood ●
		Right end sensor ●	Motor grinder ●
		Rear sensor ●	Supporting stick ●
		Knife sensor ●	
		Fabric sensor ●	
		Supporting stick ●	

Activate Joystick



Options



Wrapping



Rewinding

Technical Data

Technical Data FA 350/500

Maximum operation width	2000 mm (78")*
Maximum roll diameter	300 mm (11 1/2")** / 400 mm (15 3/4")***
Diameter of cutting blade	350 mm (13 3/4")** / 500 mm (20")***
Diameter of fabric shaft	48 mm (1 7/8")*
Card board tube inside diameter	50 mm (2")*
Cutting accuracy	+/- 0,01 mm
Air pressure	6 bar min.

Motors

Motor – chuck	1,1 kw / 1,5 kw
Motor – Cutter blade	1,5 kw / 2,2 kw
Motor – grinder	0,18 kw

Power

230 V, single phase, 50/60 cycles

Machine dimensions

Length / Width / Height	325 / 150 / 156 cm (130 / 59 / 61")
Net weight	860 Kg

Options

- Auto-Chuck, Pneumatic
- Blade cooling system

* Other dimensions on request

** FA 350mm

*** FA 500mm

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

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