

HAUSER

Stitch by Stitch systematically

Automated Quilting Systems

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Parker
Automation

HAUSER – A system provider for mechanics, electronics and software

The benefits:

All services from the same company. The key components of our machines are developed and manufactured in-house. Our software development is complemented by decades of know-how in the textile industry and is a guarantee for excellent products that are appreciated worldwide.

The automated quilting series SNA offers many variations of single needle quilting:

- With frames
- From roll to quilted panel (continuous-feed)
- Quilting of filled bags with or without embellishments.

Conforms to worldwide safety and quality standards.



The heart of a quilting system: controls with fully digital servo drives.



- 1 Sewing system with stationary bridge.
- 2 Sewing system with moving bridge.
- 3 Continuous sewing system with moving bridge



HLE linear actuator

Upholstery Glass
Com
Rubber panels
Mattresses Filters

Modular concept

Select the individual configuration of the machine depending on your requirements. High quality standard equipment and a variety of options cover nearly all requirements.

Additional tools such as inkjets, lasers etc have already been integrated for specific customers and have been used successfully for years. Our team will find the right solution for your special needs.



Large bobbin capacity with heavy-duty sewing head



Pfaff high-speed sewing head for light / thin materials



Optional bobbin changer



Heavy-duty sewing head for heavy / thick materials



Bobbin thread monitoring device

Quilting systems with double heads for increased efficiency



fibre mats

forters

Airbags

Programming

User friendly software enables you to create or modify quilt patterns quickly and easily.

The system PC can be used for pattern generation.

With the help of our software, one of your existing PCs will become an independent programming station for your automated quilting system.

The windows program is a standard part of our quilting system. You generate, modify and manage the quilting patterns. Even newcomers will have no problem working with the computer due to its user friendly windows environment.

Enter your pattern data into the computer with the keyboard, mouse or with the help of an optional electronic drawing board. If you already have finished data sets (such as CAD dxf. files), these can easily be converted by the intelligent import functions on our system.

It is possible to network single systems with a server computer.

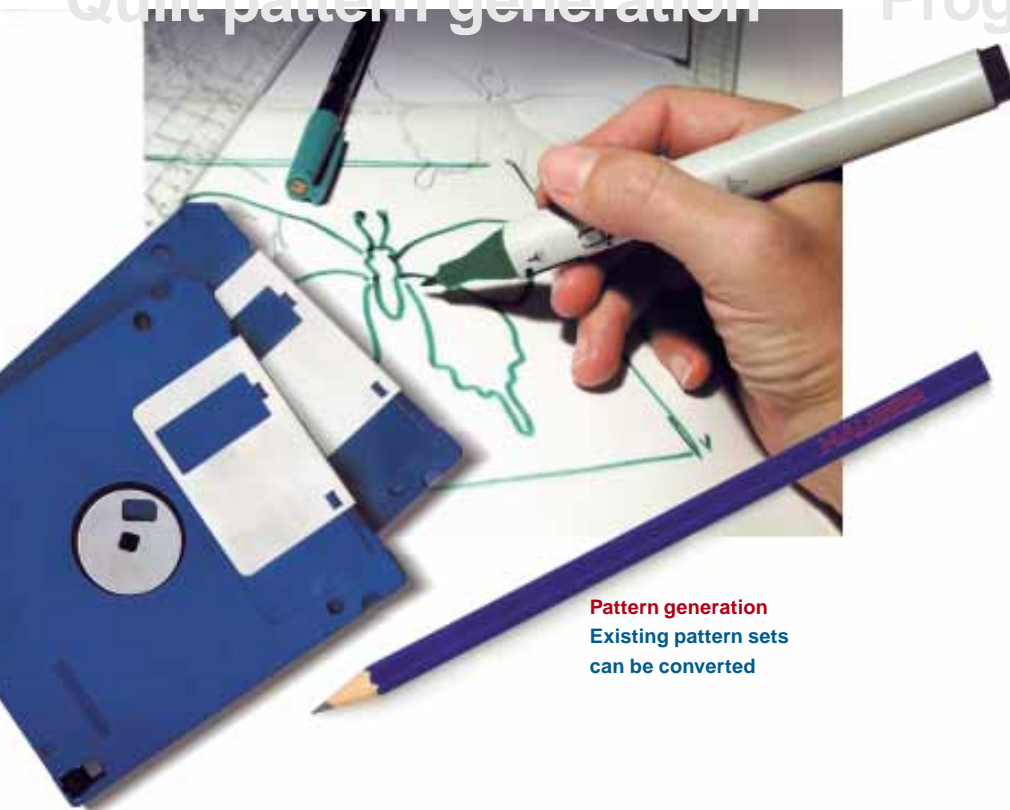
Features:

- Standard PC can be used for programming
- MS Windows operating system
CAD-styled programming with integrated help function
- Data import
- Data entries with digitising board (optional)
- It is possible to set up a program library as a collection of patterns.

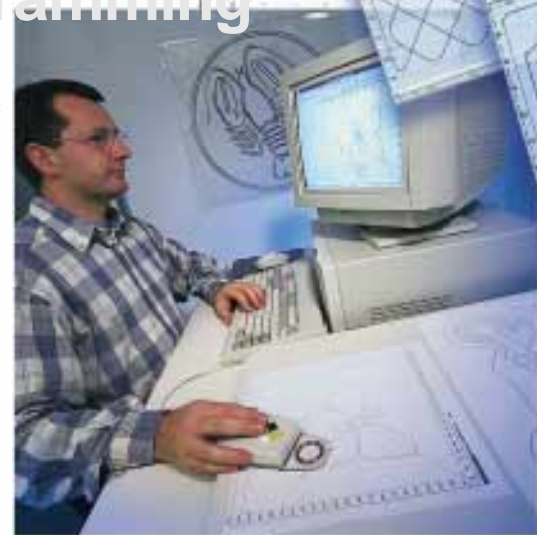


Quilt pattern generation

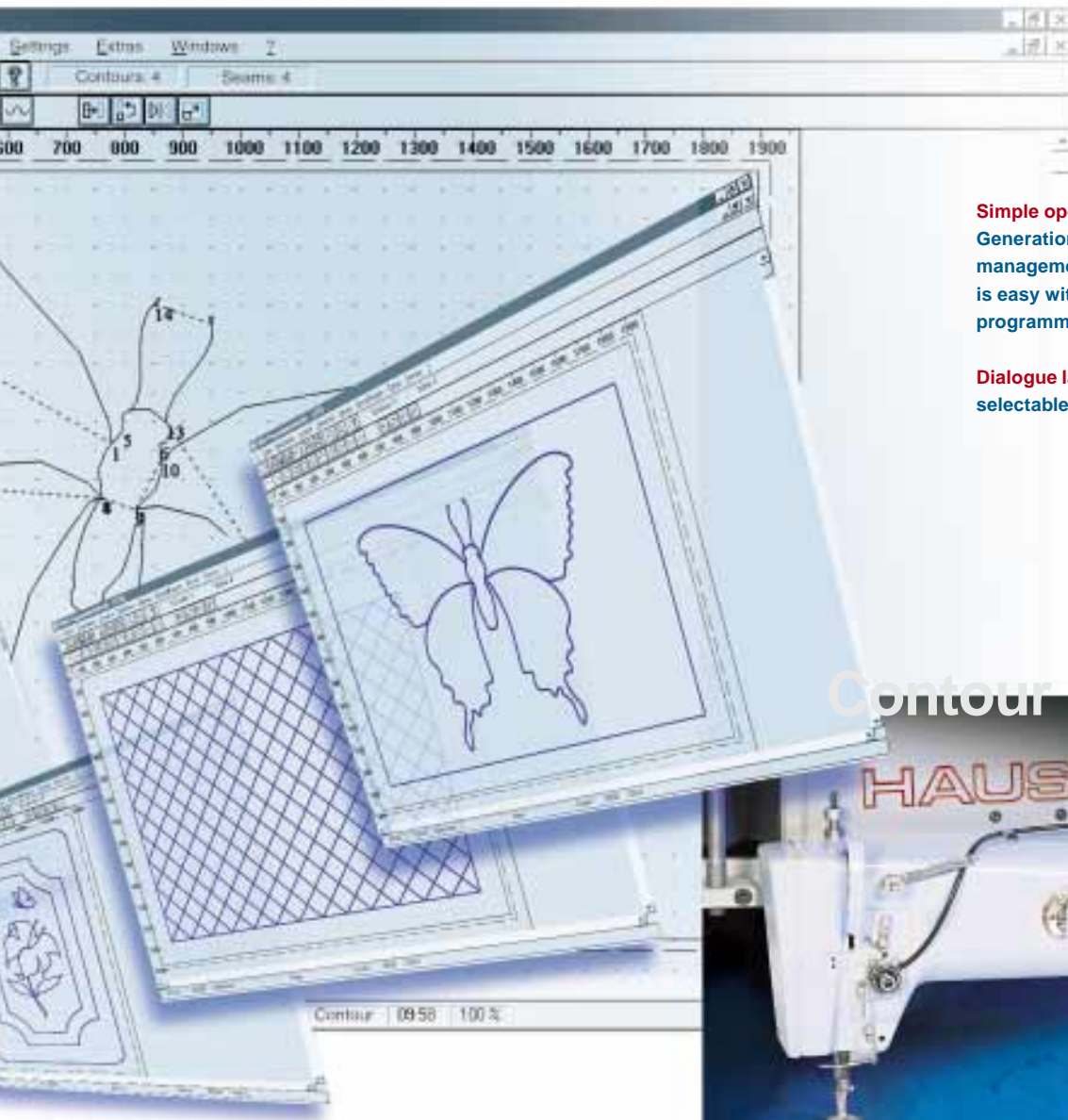
Programming



Pattern generation
Existing pattern sets
can be converted



User enters data
Simple entry with digitising board (option)



Simple operational interface
Generation, modification and management of quilting patterns is easy with the Windows programming environment.

Dialogue languages
selectable, as available.

Contour operations



A quick and easy way to get results



Frames for many applications

SNA 3000 fixed sewing bridge



SNA 3000

Any type of contour quilting is possible due to the backwards / forwards movement of the frame and the left / right movement of the sewing head.

All SNA systems are available with double head options.



SNA 3060

A summary of the performance data:

Stitches per minute:

up to 4500

Transport speed while sewing:

up to 23 m/min (75 ft/min)

Transport speed without sewing:

up to 65 m/min (213 ft/min)

Standard sewing area:

2780 x 2780 mm / 110" x 110" (L x W)

Standard frame:

3000 x 3000 mm / 118" x 118"

Outside dimensions (L x W)

Non-standard sizes available on request

Machine space requirements for standard sizes:

approx. 6600 x 4500 mm /

21'8" x 14'10" (L x W)

Standard:

Thread sensors and thread cutters for upper and lower threads.

Frame coding and automatic collision protection.

Automatic central lubrication of the guides and spindles.

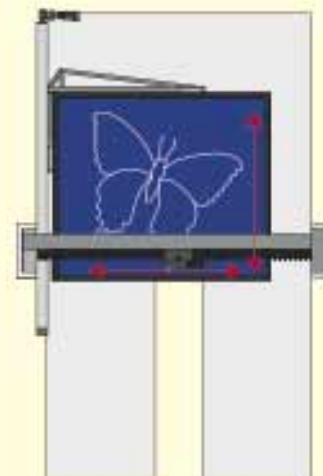
Options:

High speed or heavy-duty lockstitch sewing heads

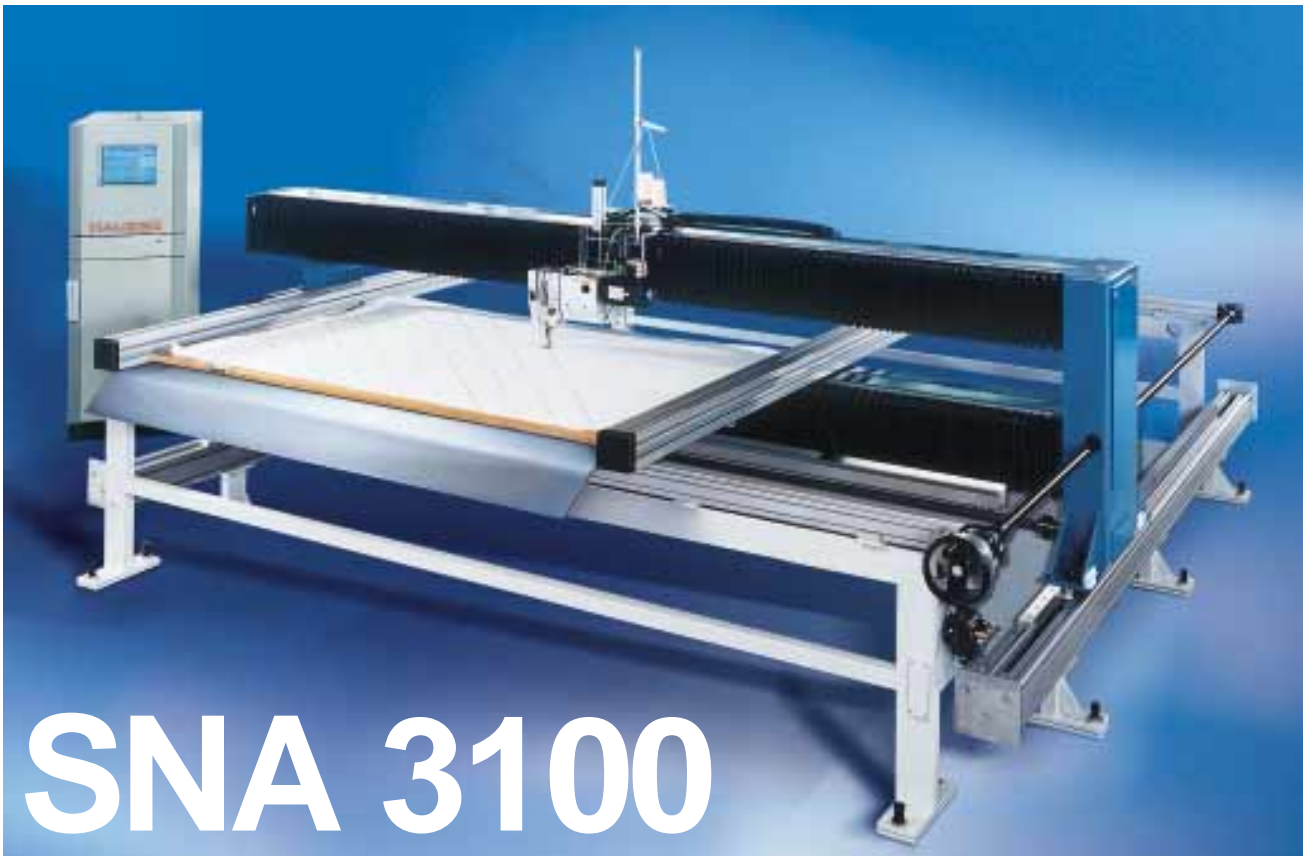
Bobbin changers

Double head version

Additional tools



SNA 3100 moving bridge



Saves space because the sewing head moves in all directions. Due to the fixed frame this is especially recommended for large pieces of material or materials that are prone to shifting.

A summary of the performance data:

Stitches per minute:
up to 4500

Transport speed while sewing:
up to 23 m/min (75 ft/min)

Transport speed without sewing:
up to 55 m/min (180 ft/min)

Standard sewing area:
2780 x 2780 mm / 110" x 110" (L x W)

Standard frame:
3000 x 3000 mm / 118" x 118"
Outside dimensions (L x W)
Non-standard sizes available upon request

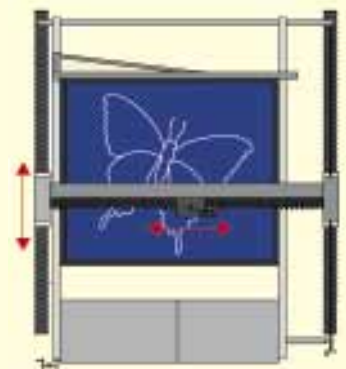
Machine space requirements for standard sizes:
approx. 5500 x 5000 mm /
18' x 16'4" (L x W)

Standard:

Thread sensors and thread cutters for upper and lower threads.
Frame coding and automatic collision protection.
Automatic central lubrication of the guides and spindles.

Options:

High speed or heavy-duty lockstitch sewing heads
Bobbin changers
Double head version
Additional tools

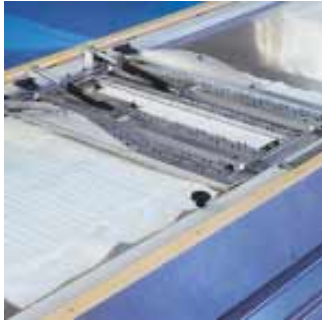


SNA 3000 and 3100

Frame options



Changing table option



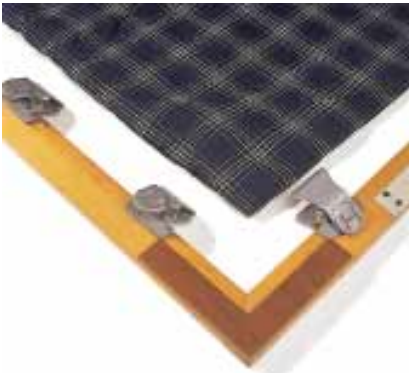
Special frames for technical textiles (airbags, filters...)



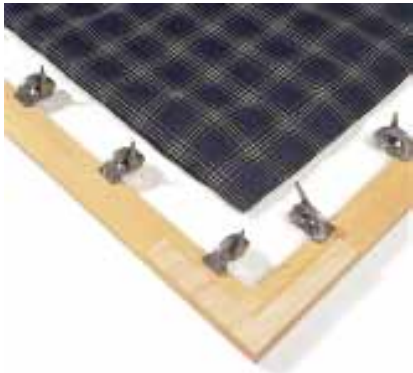
Double head version



Hook frame



Different types of clamping frames



SNA 3200 and 3300

Details and options



Fast and easy bag-loading



Service position single head version



Service position double head version



Automatic sensing, straightening, and tensioning of the comforter bag at rear of system



All round tension



Clamping devices at front of system



Adjustable in-feed and tensioning system



Material unloading



Cross cutter

SNA 3200

Frameless in the future

SNA 3200 from the roll to panel



The system for working from the roll to the quilted panel. The operator monitors the system and ensures that the material is ready for in-feed and the system does the rest. This makes it possible for one operator to run several machines.



A summary of the performance data:

Stitches per minute:

up to 4500

Transport speed while sewing:

up to 23 m/min (75 ft/min)

Transport speed without sewing:

up to 55 m/min (180 ft/min)

Standard sewing area:

2770 x 2770 mm 109" x 109" (L x W)

Max. material size:

3000 x 3000 mm / 118" x 118"

per feed-in (L x W)

In feed speed up to 24 m/min (78 ft/min).

Non-standard sizes available on request.

Standard:

Thread sensors and thread cutters for upper and lower threads.

Automatic collision protection.

Automatic central lubrication of the guides and spindles.

Integrated cutting system.

Options:

High speed or heavy-duty lockstich sewing heads

Bobbin changers

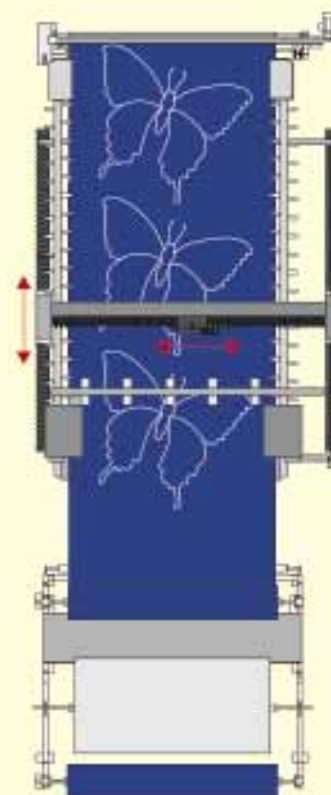
Double head version

Additional tools

Machine space requirements

for standard sizes:

approx. 10000 x 5000 mm / 32'9" x 16'4" (L x W)



SNA 3300 quilting individual comforters



Frameless quilting of pre-filled bags with or without embellishments. Bag is placed manually into one clamp on the left and right side of the fabric in-feed. Bag loading is simple and quick which allows an operator to run several machines.

Loading, alignment, tensioning, and holding of the bag are fully automatic. The finished bag is moved to the rear of the system during the next loading cycle. If requested, further transportation of the completed comforter can be conducted over simple slides, conveyor belts or a transfer system.

A summary of the performance data:

Stitches per minute:
up to 4500

Transport speed while sewing:
up to 23 m/min (75 ft/min)

Transport speed without sewing:
up to 55 m/min (180 ft/min)

Standard sewing area:
2770 x 2670 mm / 109" x 105.5" (L x W)

Standard cover size:
3000 x 2900 mm / 118" x 114"
Outside dimensions (L x W)

In-feed speed:
up to 24 m/min (78 ft/min)
Non-standard sizes available on request

Machine space requirements for standard sizes:

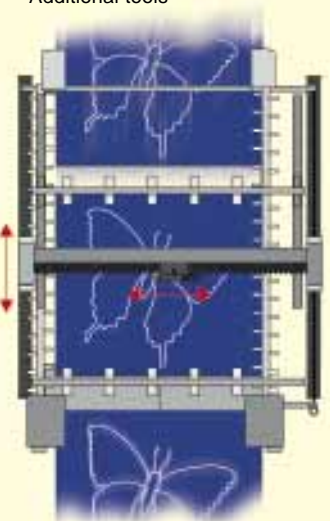
approx. 5500 x 5000 mm /
18' x 16'4" (L x W).

Standard:

Thread sensors and thread cutters for upper and lower threads.
Automatic collision protection.
Automatic central lubrication of the guides and spindles.

Options:

High-speed or heavy-duty lockstitch sewing heads
Bobbin changers
Double head version
Additional tools



Hauser is always one step ahead!

Full service for your automated quilting systems

Hauser can provide all the services you require. Extensive consulting, individual project planning, design, manufacturing and commissioning. Our service is fast when you need it. We won't let you down: Experienced experts are always on hand to help, giving you the secure feeling that you have made the correct investment decision.

HAUSER is a company in the Parker Hannifin Group. This partnership in the "Automation" field has proved itself across the world. We are part of a large family and profit from the strength of a successful corporation. Our clients profit directly from the intensive know-how transfer within the corporation. In order to be able to keep abreast of the globalisation trend it is important to have a world-wide presence and to be competent locally.

HAUSER: We keep moving where others stand still.

Project planning



Project planning:
Experienced experts are with you all the way. Extensive consulting, individual project planning – gives you the security you need.

Design:
Our engineers' know-how and modern development tools make it possible to develop individual and mature system solutions.



Design

EMD HAUSER:
Located in Offenburg.

Production



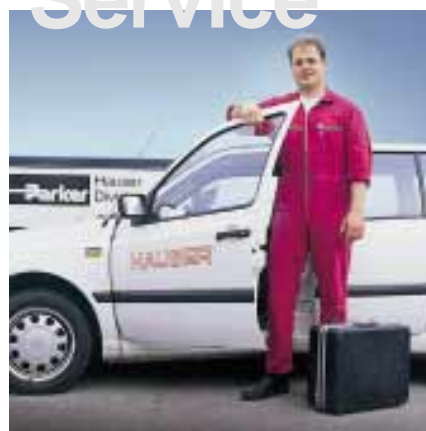
Production:
„Made in Germany“ – well-trained specialists manufacture highly-developed, durable, high-tech products.



Commissioning Service



Commissioning:
Our specialists will put your product into operation.



Local service:
Quick, competent and reliable – whenever you need us. At Hauser, service is not just a sales argument.

We are a powerful partner – talk to us!

Your contacts

You can take advantage of our experience and the know-how of our specialists. Profit from the benefits of our innovative technology to obtain a cost-effective and user-oriented solution. Wherever tailor-made and custom-built automation services are required, you will find that our expertise makes us the right people to talk to.

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Would you like more information?

Just ask for our brochures.

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