



DECORATION EQUIPMENT SOLUTIONS

Embroidery
Rhinestones
Decorative Elements

*Decoration solutions for apparel,
textiles, substrates, and more.*

www.ZSKmachines.com
www.NHrhinestones.com



TABLE OF CONTENTS

04 ZSK SPRINT 6 & 7
An introduction to ZSK's line of embroidery equipment

18 FLAT EMBROIDERY
Standard or custom made equipment from 1 up to 56 heads

24 ZSK ACCESSORIES
Add incredible devices to any ZSK embroidery machine

10 ZSK RACER SERIES
Step into the premium build-style of single and multi-head machines

20 SPECIALTY EMBROIDERY
Fulfill niche markets with chenille, taping, and combo machines

34 TECHNICAL EMBROIDERY
Using embroidery technology for technical innovations

17 NETWORKING MACHINES
Network up to 254 ZSK machines - any year or model type with the T8 or T8-2 Controller

22 MY ZSK
A management integration system to stay connected and keep tabs on your business

36 HOT FIX EQUIPMENT
Manual to Semi-Automatic & Fully Automatic Hot Fix Setting Machines by N&H

ALWAYS ONE STEP AHEAD



CONVENTIONAL STYLE TUBULAR ARM :

Above is a popular brand's machine tubular arm. This arm's picker mechanism is in front which can hinder certain techniques. Plus, the bulky size does not cater to small items.



ZSK'S NEW STYLE TUBULAR ARM :

With this new tubular arm, ZSK makes a much sleeker and more refined design. There is no picker in the front and the shape of the arm is smaller - adapting to tighter spaces.

ZSK Embroidery Machines has always led the world in innovations in embroidery and beyond. With over 100 years of textile ingenuity and development, it's no wonder that the market looks to ZSK Germany for its engineering advancements.

Pictured above is the comparison between a conventional style arm and the ZSK arm for tubular machines. Many embroidery machine manufacturers produce the bulkier arm (left) with the front picker and large cylinder size. With this tubular arm style, it is hard to embroider on items with small openings.

In 2014, ZSK developed the smallest tubular arm in the industry worldwide. The new curved design allows for the narrowest of textiles to be embroidered as well as those hard to embroider areas such as shirt pockets, fronts of shoes, baby items, shirt cuffs, etc. In addition to the size, the arm is also longer

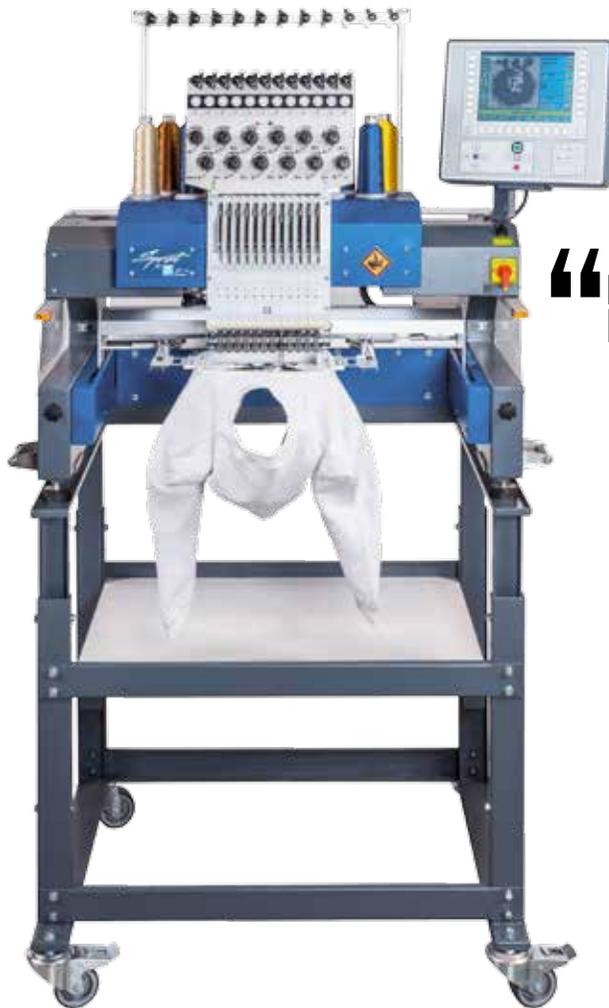
to fit a wider range of materials as well – it has been extended 20 mm for narrow textiles.

Not only did ZSK develop the smallest arm, but developed it with the most revolutionary technology. This is the first-ever tubular embroidery machine that has successfully removed the front picker. The front picker had always been a nuisance in the past - as it sticks out beyond the bobbin and needle plate area. This restricted how high a design could stitch on a hat or how close a design could get to the bottom / closed seam.

Eliminating this picker enables you to create embroidery on a wider variety of items as well as increasing design area. In addition, this new technology helps decrease the instance of the picker jamming up inside the textile.

This revolution by ZSK has raised the bar in embroidery equipment in the world market.

SMALL BUT MIGHTY



“IT'S NOT ABOUT IDEAS.
IT'S ABOUT MAKING IDEAS HAPPEN.”

- Scott Belsky

MADE
IN
GERMANY

ZSK SPRINT 6:

Single Head Compact Embroidery Machine
1200 Stitches Per Minute Daily Production Speed
12 Needle Head Option

ADAPTABLE
VERSATILE
FORWARD THINKING

Small but mighty, the Sprint 6 Compact Embroidery Machine by ZSK offers the most advanced sewing system in the world. The ZSK equipment provides the efficiency and quality that you can only expect from German craftsmanship.

In addition to the superior components and outstanding build style, the Sprint was the first machine on the market with the newest tubular arm technology. Unlike all other

embroidery machine designs, the picker in the bobbin area is now re-engineered so that the system works without the picker in the front.

As for longevity, the Sprint will outlast any other equipment. ZSK is the only manufacturer that guarantees control panel upgrades for at least 10 years. There is no need to buy new equipment to have the latest control panel. When the market advances, so do you - exchange only technology, not machinery.



SPRINT 6 XL FOR XTRA LONG EMBROIDERY

Sprint 6 & 6XL - Number of Heads, Number of Needles	1 Head, 12 Needle Compact Bridge Style
Sprint 6 Maximum Embroidery Field - Border Frame	460 mm x 310 mm (18.1" x 12.2")
Sprint XL Maximum Embroidery Field - Border Frame	1200 mm x 280 mm (47.2" x 11")
Sprint 6 Maximum Embroidery Field - Tubular Frame	400 mm x 300 mm (15.75" x 11.8")
Sprint XL Maximum Embroidery Field - Tubular Frame	400 mm x 280 mm (15.75" x 11")
Sprint 6/6XL Maximum Embroidery Field - Cap Frame 360	360 mm x 70 mm (14.2" x 2.75")
Sprint 6 Stitches Per Minute - Standard	1200 rpm
Sprint XL Stitches Per Minute - Standard	850 rpm
Sprint 6/6XL Stitches Per Minute - Cap	1000 rpm / 900 rpm
Sprint 6/6XL Power Supply	90V - 260V
Sprint 6/6XL Connected Load	200 Watts
Sprint 6 Dimension (Length x Depth x Height)	1040 mm x 985 mm x 930 mm (40.9" x 38.8" x 36.6")
Sprint XL Dimension (Length x Depth x Height)	2580 mm x 985 mm x 1720 mm (101.6" x 38.8" x 67.7")

ALL NEW 18 NEEDLE SERIES

MADE
IN
GERMANY

SPRINT Single Head

Go mobile using the built-in handle receivers, in-frame electronics, and a collapsible thread stand.

ADAPTABLE
VERSATILE
FORWARD THINKING



SPRINT 7

**INDUSTRIAL
FLEXIBLE
PROFITABLE**

The ZSK Compact Single Head Bridge Style Machine has the same open back frame design as multi-head machines and is the most industrious commercial single-head in the market today.

With the bridge-type build style on a single head, ZSK offers the most versatile frame – providing a sturdy and virtually vibration-free piece of equipment. This frame style is the most preferred model for customers who are using the equipment as a production machine.

Industry Exclusive Single Head Compact Bridge Style - 12 or 18 Needle Configuration

1,200 SPM Daily Run Speed with Independent Needle Speed Settings (Industry's Fastest Run Speed)

Thinnest Industrial Tubular Arm for Tight Areas and Hard to Embroider Items

Optimized Workflow Solutions - Networking and Bar Code Scanning

Fast & Easy Assembly Exchange with the Optional Rapid Release System

Adjustable Presser Feet - helps accommodate for different material thicknesses and compositions

Most Diverse Range of Embroidery Frames in the Industry

80,000,000 Stitch Memory

Easy Adaptability for Specialty Attachments

Integrated Design Editor & Updatable Control System Technology

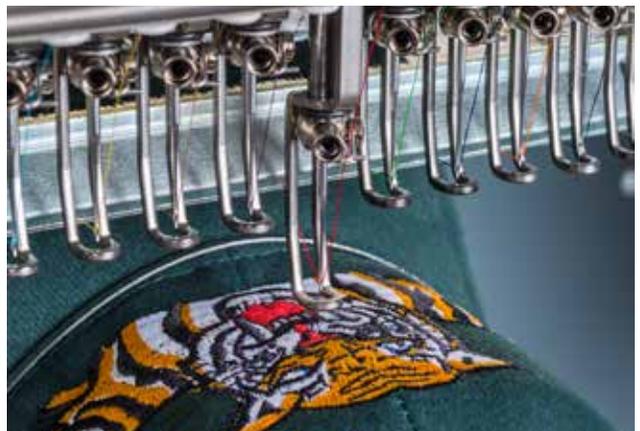
Made In Germany

This machine can adapt specialty devices (such as sequins or cording) without changing or altering any electronic board components as ZSK produces the most compatible & versatile equipment in the world. We recommend this machine for start up embroidery businesses as well as the most sophisticated embroidery shop. Not only does this equipment provide embroidery decoration, but also allows for a wide range of embellishment options. Use it as embroidery only or add unique options to diversify your business.



UNIQUE CYLINDER ARM :

Leading the Embroidery Industry yet again with the slimmest and most remarkable design. ZSK produced the world's first cylinder arm without the nuances of a front picker.



CONVERTIBLE PRESSER FOOT:

15+ years ago, ZSK created the first adjustable presser foot to change settings quickly, easily & precisely. This feature is necessary to accommodate different textiles - especially caps.



EXPAND & DIVERSIFY YOUR BUSINESS:

Any ZSK Embroidery Machine can add specialty accessories at any time even after the machine is built. Even older machines can accommodate the newest decoration methods.

MORE COLORS & MORE EFFICIENT



SPRINT 7

Single Head (1 garment at a time), 18 Needles

Bridge Frame, Traditional Pantograph Drive System

1,200 Stitches Per Minute Production Speed (Tubular / Flat)

1,000 Stitches Per Minute Production Speed (Caps)

460 x 310 mm (18.1" x 12.2") Border Frame Embroidery Field

400 x 300 mm (15.75" x 11.8") Tubular Frame Embroidery Field

360 x 70 mm (14.1" x 2.75") Cap Frame Embroidery Field

124 x 175 mm (4.8" x 6.8") Shoe Frame Embroidery Field

1,260 mm (49.6") Machine Width

985 mm (38.8") Machine Depth with Table

930 mm (36.6") Machine Height without Stand

230 [V] Power Supply

220 [Watt] Connected Load

SPRINT 7L

Single Head (1 garment at a time), 18 Needles

Bridge Frame, Suspended Pantograph Drive System

1,200 Stitches Per Minute Production Speed (Tubular / Flat)

1,000 Stitches Per Minute Production Speed (Caps)

600 x 400 mm (23.6" x 15.75") Border Frame Embroidery Field

402 x 343.5 mm (15.8" x 13.5") Tubular Frame Embroidery Field

360 x 70 mm (14.2" x 2.75") Cap Frame Embroidery Field

124 x 175 mm (4.8" x 6.8") Shoe Frame Embroidery Field

1,410 mm (55.5") Machine Width

1220 mm (48") Machine Depth with Table

1640 mm (64.5") Machine Height

230 [V] Power Supply

220 [Watt] Connected Load

THE FINEST MACHINE IN ITS CLASS



SPRINT 7 XL

Single Head (1 garment at a time), 18 Needles

Bridge Frame, Suspended Pantograph Drive System

1,000 Stitches Per Minute Production Speed (Tubular / Flat)

1,000 Stitches Per Minute Production Speed (Caps)

1400 x 400 mm (55.1" x 15.75") Border Frame Embroidery Field

402 x 343.5 mm (15.8" x 13.5") Tubular Frame Embroidery Field

360 x 70 mm (14.2" x 2.75") Cap Frame Embroidery Field

124 x 175 mm (4.8" x 6.8") Shoe Frame Embroidery Field

2,925 mm (115.2") Machine Width

1220 mm (48") Machine Depth with Table

1640 mm (64.5") Machine Height

230 [V] Power Supply

220 [Watt] Connected Load

THE WORKHORSE ZSK RACER SERIES

With more than one hundred years of textile engineering & development, ZSK is one of the oldest equipment manufacturers in the world. Today, ZSK Germany brings you the Racer Series - the newest & most advanced built tubular embroidery equipment in the market.

The Single & Multi-Head Racer Machinery lead the industry in innovative benchmarks, including the same cylinder arm technology as the new Sprint. This enables the operator to embroider on “impossible” garments or “you’ve got to be kidding me” locations.

Advancements in mechanical & computerized components keep ZSK a step ahead of the competition and continue to raise the bar in decoration technology. Each machine is network ready *without* any additional software and has the ability to read various barcode files for design input.



 **MADE
IN
GERMANY**

Racer 2 Head

Three way convertible - capable to run caps, tubular (finished goods such as shirts), or flats (pictured).

**ADAPTABLE
VERSATILE
FORWARD THINKING**



“ACTION
IS THE FOUNDATIONAL
KEY TO ALL
SUCCESS”

- Pablo Picasso



ZSK Racer 6 Head



MADE
IN
GERMANY

Racer 4 Head

Produce up to 4 garments at a time running top speeds with precision. Increase output, productivity, and profits.

ADAPTABLE
VERSATILE
FORWARD THINKING

ZSK RACER - SINGLE HEAD SERIES



The ZSK Racer 1 Series Single Head Machine is one of the most unique single heads in the industrial embroidery industry. Configured in 12 or 24 needle, this convertible series machine is able to stitch tubular (ie: shirts & other finished goods), caps, and flat textiles.

The Racer Single Head Series is also available in different models that range in embroidery

field size (stitching area) up to 650 mm x 700 mm (25.5" x 27.5"). With its bridge-style frame, solid steel construction, and fast production speeds, the ZSK Racer is a perfect fit for new or existing businesses.

ZSK is the only manufacturer in the world to engineer a 24 needle machine for embroidery; and, constantly propels forward innovation.



ZSK Racer 1 - 12 needle: Field Size 500 x 500 mm or 500 x 700 mm



ZSK Racer 1 - 24 needle: Field Size 650 x 700 mm

FLAT, TUBULAR, & CAP MODES

The ZSK Racer Series Machinery can be used in 3 different modes - flat, tubular, or cap.

The flat mode is primarily used for unfinished goods & fabrics as well as other types of materials such as patches and emblems. By using the machine in flat mode, large format embroidery designs can be stitched. This is accomplished by carefully dividing the design into multiple segments & then sewing the segments among individual heads. Each head has the ability to sew a different part of the design which spans it across the entire frame.

In addition, the ZSK head selection application enables the designer to control the head sewing sequence directly in the digitizing

software, eliminating the need for the operator to turn heads on and off manually along with loading multiple designs.

The tubular mode is commonly used when embroidering on finished goods (ie: shirts). But, beyond the typical textiles, ZSK's robust all-metal build style offers several solutions that allow for stitching on finished goods such as athletic shoes, heavy luggage / bags, and more.

Finally, the cap mode on a ZSK not only includes stitching 270 degrees on a cap, but also adds unique opportunities with the newest frame developments. The pocket frame also fits directly onto the cap driver and gives way to new & interesting placements besides pockets.



ZSK Racer 2 Head in Flat Mode Embroidering Emblems

CONVERTIBLE EMBROIDERY



ZSK Racer 6 Head in Tubular Mode Embroidering on Sweatshirts



ZSK Racer 6 Head in Cap Mode Embroidering on Hats



Machine

Embroidery Field

	Heads	Head Interval [mm]	Width [mm]	Depth [mm]	Height [mm]	Width [mm]	Depth [mm]	Border Frame Length [mm]	Tubular [mm]	Cap [mm]
RACER 1W	1	500 (19.7")	1570 (61.8")	1330 (52.4")	1750 (68.9")	500 (19.7")	500 (19.7")	500 (19.7")	395x405 (15.6"x16")	360x70 (14.2"x2.75")
RACER 1WL	1	500 (19.7")	1570 (61.8")	1840 (72.4")	1750 (68.9")	500 (19.7")	700 (27.6")	500 (19.7")	395x405 (15.6"x16")	360x70 (14.2"x2.75")
RACER 1XL	1	700 (27.6")	1960 (77.2")	1825 (71.8")	1750 (68.9")	700 (27.6")	700 (27.6")	700 (27.6")	395x405 (15.6"x16")	360x70 (14.2"x2.75")
RACER 2W	2	495 (19.5")	2000 (78.7")	1330 (52.4")	1750 (68.9")	495 (19.5")	500 (19.7")	990 (39")	395x405 (15.6"x16")	360x70 (14.2"x2.75")
RACER 2WL	2	495 (19.5")	2000 (78.7")	1840 (72.4")	1750 (68.9")	495 (19.5")	700 (27.6")	990 (39")	395x405 (15.6"x16")	360x70 (14.2"x2.75")
RACER 2XL	2	700 (27.6")		1825 (71.8")	1750 (68.9")	700 (27.6")	700 (27.6")	1400 (55.1")	395x405 (15.6"x16")	360x70 (14.2"x2.75")
RACER 4S	4	400 (15.7")	2520 (99")	1330 (52.4")	1740 (68.4")	400 (15.7")	500 (19.7")	1600 (63")	300x405 (11.8"x16")	360x70 (14.2"x2.75")
RACER 4W	4	495 (19.5")	3440 (135.4")	1330 (52.4")	1740 (68.4")	495 (19.5")	500 (19.7")	1980 (78")	395x405 (15.6"x16")	360x70 (14.2"x2.75")
RACER 4WL	4	495 (19.5")	3440 (135.4")	1840 (72.4")	1740 (68.4")	495 (19.5")	700 (27.6")	1980 (78")	395x405 (15.6"x16")	360x70 (14.2"x2.75")
RACER 6S	6	400 (15.7")	3440 (135.4")	1330 (52.4")	1740 (68.4")	400 (15.7")	500 (19.7")	2400 (95")	300x405 (11.8"x16")	360x70 (14.2"x2.75")
RACER 6SL	6	400 (15.7")	3440 (135.4")	1840 (72.4")	1740 (68.4")	400 (15.7")	700 (27.6")	2400 (95")	300x405 (11.8"x16")	360x70 (14.2"x2.75")
RACER 6W	6	495 (19.5")	4440 (174.8")	1640 (64.6")	1740 (68.4")	495 (19.5")	500 (19.7")	2970 (117")	395x405 (15.6"x16")	360x70 (14.2"x2.75")
RACER 8S	8	400 (15.7")	4400 (174.8")	1640 (64.6")	1740 (68.4")	400 (15.7")	500 (19.7")	3200 (126")	300x405 (11.8"x16")	360x70 (14.2"x2.75")

All Machines - Maximum Embroidery Speed Tubular and Cap: 1000 rpm

EASY NETWORKING FOR ANY ZSK MACHINE WIRED OR WIRELESSLY

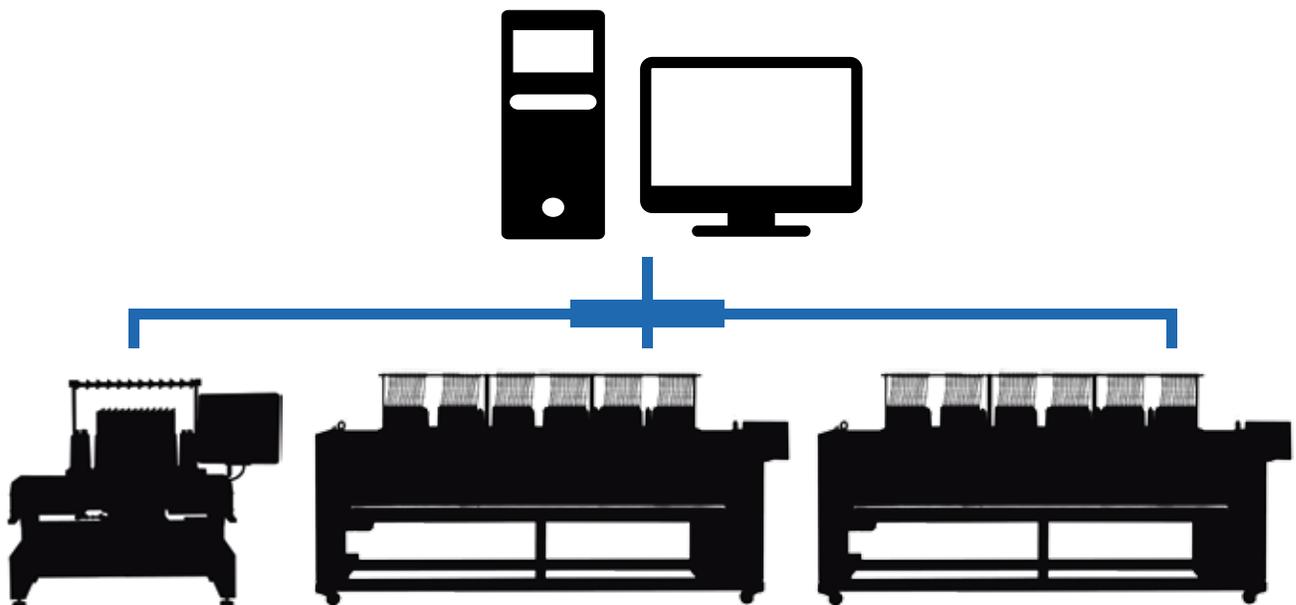
Any ZSK machine with the T8 or T8-2 controller can be networked to a server or computer without any extra machine or computer application software.

The Newest T8 controller models allow operators more efficient machinery as well as better consistency across the board. This controller is built on the Windows platform – allowing higher operating speeds as well as upgraded RAM and storage memory (up to 80 million stitches). Along with this technology, this controller can network with your computer without any extra utilities – your computer & machine can communicate with one another without having to upgrade, or purchase anything extra! Use ethernet cables, crossover cables, or wireless connection and change simple settings on your computer & machine. No proprietary software / utility required.

By networking your machine to a computer or a server, you can pull your designs from any directory that is shared with the controller. Eliminate the need for any external USB keys or Floppy Disks and store all your designs in one central location.



NETWORK UP TO 254 MACHINES ON ONE CONNECTION



FLAT EMBROIDERY MACHINES

UP TO 56 HEADS



ZSK Challenger 12 Head/12 Needle Machine



Hot Air Device for Cutting Fabric



Sequins & Zig Zag Cording

“EVERY GREAT DREAM
BEGINS WITH A
DREAMER.”

- Harriet Tubman



FLAT SERIES

Ranging from 1 up to 56 heads, ZSK manufactures the most versatile range of flatbed machinery.

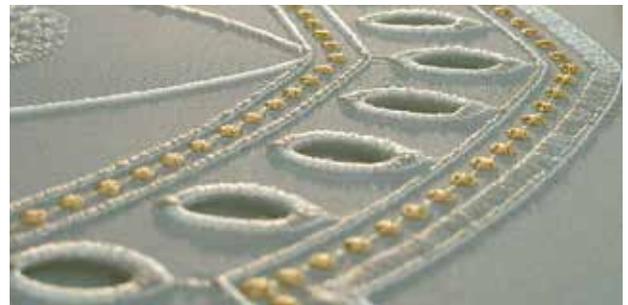
Manufactured in Germany, ZSK's flat embroidery systems fulfill numerous applications including border frames for large-scale embroidery *and* single frames for wearables. This equipment is built for unique specifications and can support up to 12 needles per head along with embroidery fields from 500 mm (19.7") up to 1,500 mm (59").

ZSK embroidery machines are known for the highest production speeds, extreme precision, and long life span. In addition to the equipment's reliability & durability, adding utilities (such as the automatic bobbin changer or head selection) allow for more efficient and higher production output as well as added flexibility.

Every flat series machine can also include state-of-the-art specialty accessories such as the hot air cutting system, sequins, zig-zag cording, boring, and more. Just like the Sprint & Racer Series machines, these accessories can be added at any time.



Head Selection



Boring & Embroidery

SPECIALTY EMBROIDERY

ZSK Specialty Machine Heads are available in two different styles. One for kettle and moss stitching (chenille) and one for taping, ribbon, and cording. Add either or both of these heads to embroidery and create the ultimate solution.

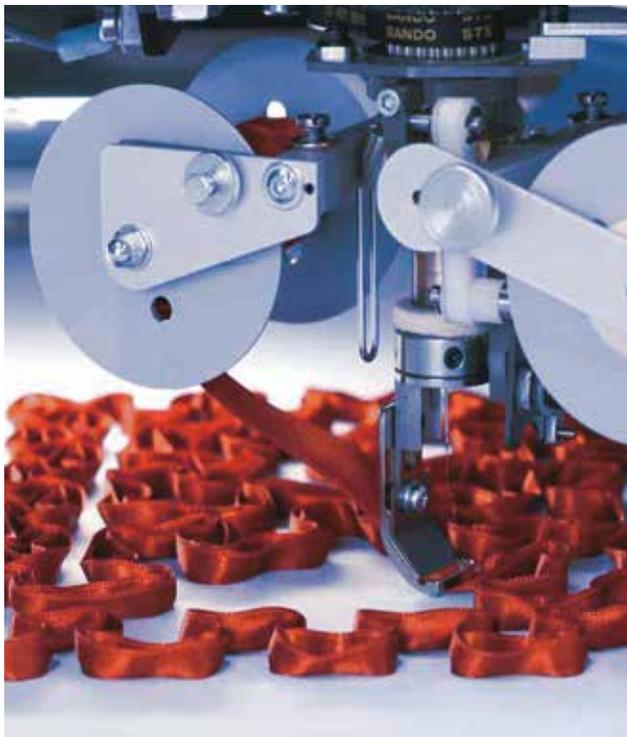


 **MADE
IN
GERMANY**

ZSK Combo Machine:

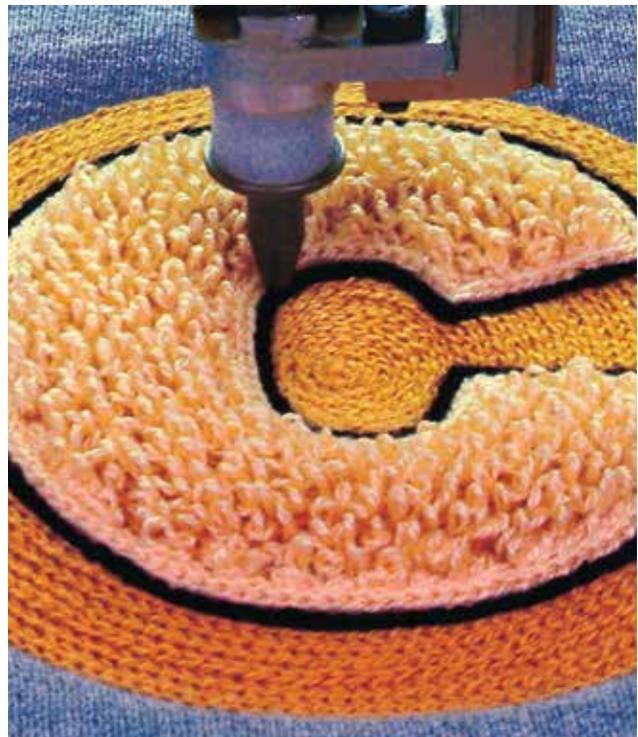
Flat decoration including embroidery with 2 sequins devices, chenille, and taping. Mix all these methods (with accessory expansion) for extraordinary embellishment.

**ADAPTABLE
VERSATILE
FORWARD THINKING**



W-Head :

Using one needle, this specialized embroidery head stitches down various medias such as ribbon, cording, yarn, beading, sequins rope, and much more!



K-Head :

This special head uses a hooked needle to pull the thread up from underneath the machine to create chenille and/or chain stitching - up to 6 colors.



Go beyond normal embroidery applications with the specialty head technology by ZSK. The K and W Heads allow for creative, one-of-a-kind embellishment on all different textiles.

The W-Head is utilized for attaching different medias to fabric, handling up to 2 separate specialty reels. In the past, attaching the unique materials (like ribbon and yarn) to the medium could only be done by manual feed and/or hand stitching. Now, by automating the process, it is much easier to achieve these looks quickly and easily. The W-Head is mainly used in costuming and fashion, but can also be used for unconventional techniques.

The K-Head is used for chenille and chain stitch embroidery. Historically, chenille was only hand sewn and could become quite elaborate and time consuming. Since the production of the first chenille machine, it has proven to be quite popular in several applications including emblems, numbers, letters, and even in chain stitching on delicate fabrics.

Use the W-Head or K-Heads independently or combine the specialty decoration with an embroidery head. The options don't stop there; the ZSK embroidery head can adapt any specialty accessory (such as sequins, boring, hot air cutting) to make the ultimate combo.

MY ZSK MANAGEMENT INTEGRATION



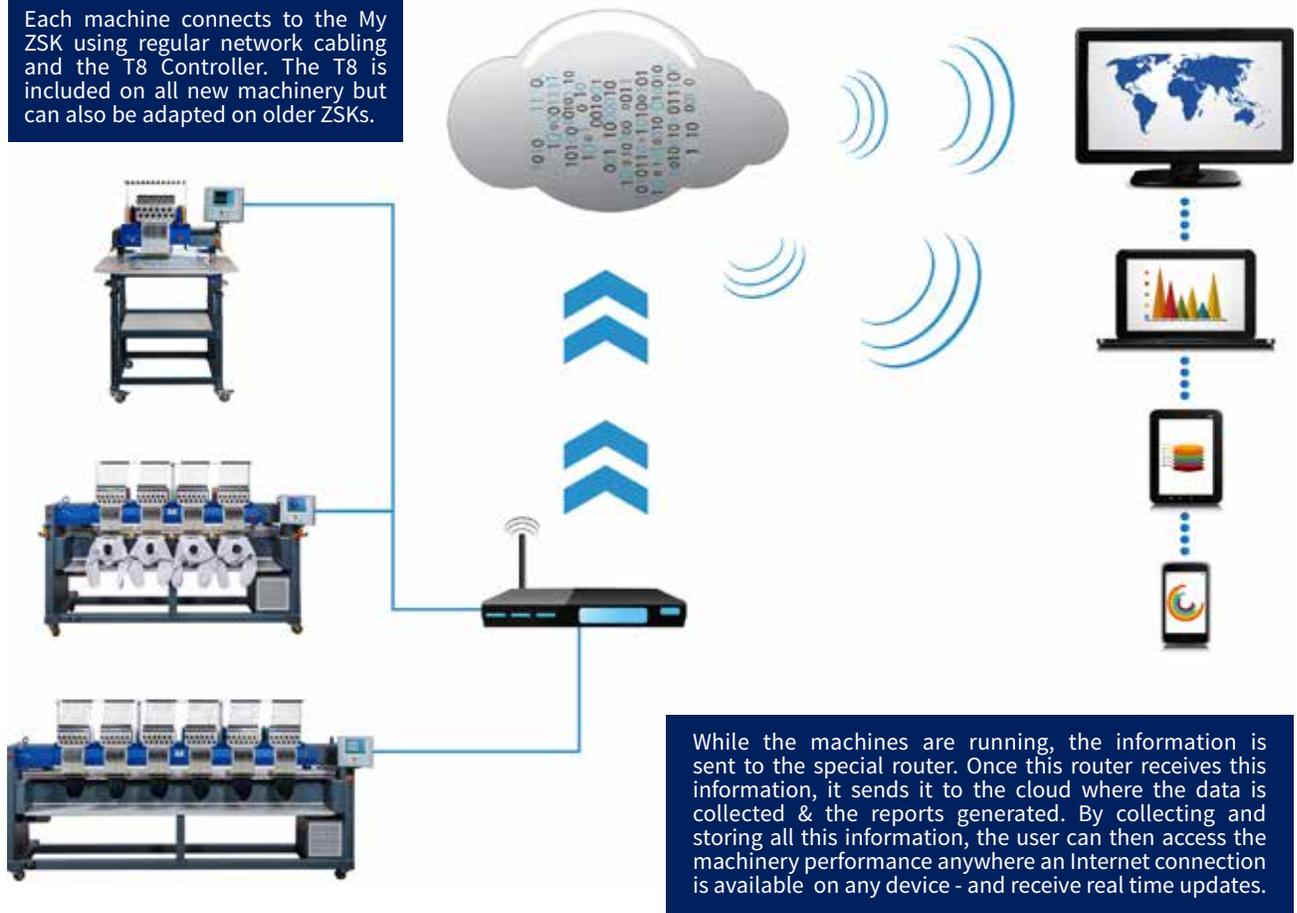
Across the globe or down the street, always stay connected by monitoring your business' embroidery operations and production with My ZSK.

My ZSK Management Integration System enables managers as well as operators to check, analyze, and manage machinery performance anytime and anywhere an Internet connection is available.

This management integration system will allow any registered user to login to the My ZSK site and view real time embroidery machine data information - even if the machines are in multiple locations.

My ZSK gathers the machine data and processes this data into reports. These reports can be viewed and analyzed at any time to aid in proper decision making for business performance.

Each machine connects to the My ZSK using regular network cabling and the T8 Controller. The T8 is included on all new machinery but can also be adapted on older ZSKs.



What Is It?

My ZSK offers your company a quick and transparent overview of the most important performance data from your ZSK embroidery machines – analyzing machine information down to minute increments. From thread break reports to operator inspection, the software tools are organized to provide easy planning and embroidery machine management. With the performance-linked applications and report utilities, the operations department will now have a systematic way to analyze and improve business operations as well as decrease the inherent problems of production.

How Does It Work?

In order to use this system, the setup is quite easy. The hardware needed for setup is: network cabling for each machine connection, ZSK's T8 Controller (mounted on the machine), the My ZSK Router, and an optional network switch if you have more than 3 machines. The user will need online access as well as a user name and password to the My ZSK utility. By connecting the machinery to the special My ZSK Router, the router will send all the machine data to the cloud where it will be stored for your access. At any time where there is an Internet connection, the user can login and view the real time information from the machine log - no matter where you are in the world.

MOVING FORWARD

Adaptable accessories are vital for the ever-changing embroidery businesses of today. The numerous frame and attachment options from ZSK allow your business to overcome the unique demands of custom work to grow and succeed. ZSK offers the largest variety of applications, attachments, and accessories to accommodate all aspects of embroidery.

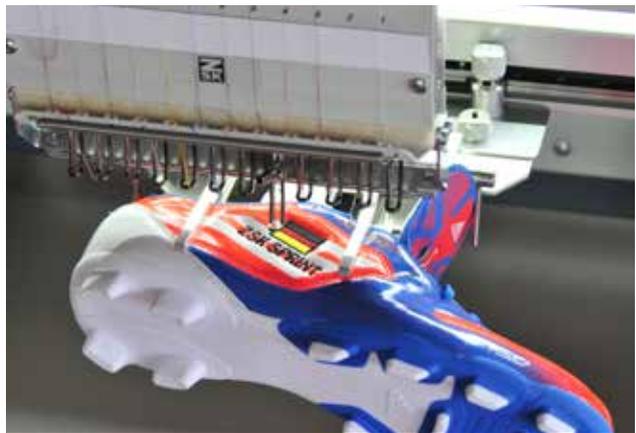
Keeping in mind the challenges of various textiles and placements, ZSK's R&D teams in Germany have produced a multitude of accessories to accommodate such items like shoes, boots, ribbons, belts, car mats, socks, luggage, pockets, small garments, shirt cuffs, shirt collars, and more. From designer insight to first class engineering, ZSK is always one step ahead.

In addition to all the outstanding features and accessories of the ZSK equipment, the ability to plug-in specialty attachments (ie: hot air cutting, sequins, zig-zag cording and ribbon) provide a significant advantage over the competition. The ability to order these attachments for your old and new machines lend the opportunity to accommodate various markets in embroidery and beyond - without breaking the bank.



Bar Coding (Plug & Play):

Bypass the traditional design input and use barcodes to upload jobs to the machine. Use this app to speed up production & efficiency.



Independent Clamp Shoe Frame:

ZSK's 2nd Generation shoe embroidery system has a larger stitch area than ever before (4.9 inches x 6.9 inches). Stitch through thick athletic shoes without any issues.



Pocket Frames:

Now with 3 different sizes, the pocket frame accommodates all different garments. Use this hoop for pockets, cap backs, gloves, mittens, and more!



Boring:

Replace needle 3 with the boring attachment. By specialized digitizing, one can create delicate cutwork with an automated embroidery machine.

SPECIALTY ATTACHMENTS

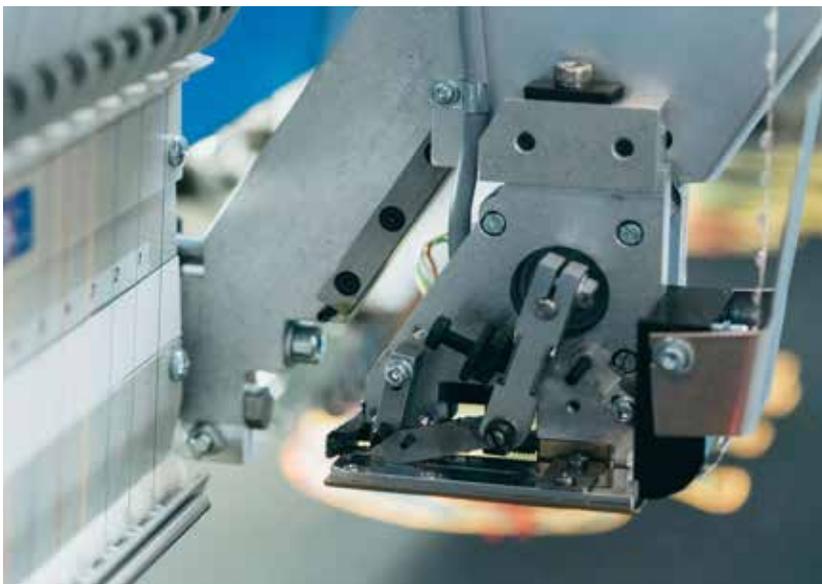
BEST FOR SERVING NICHE MARKETS

Virtually any ZSK Embroidery Machine (new or old) is able to attach these special decoration tools to expand your business. These attachments add a unique twist to the current abilities of embroidery. Dive into other markets and keep your business on the cutting edge.

Single or Twin Sequins:

With the capability to stitch a variety of sequins shapes and sizes (from 2 mm to 19 mm), any ZSK embroidery head can accommodate two devices with up to 4 sequins feeders.

SEQUINS



SPECIALTY ATTACHMENTS

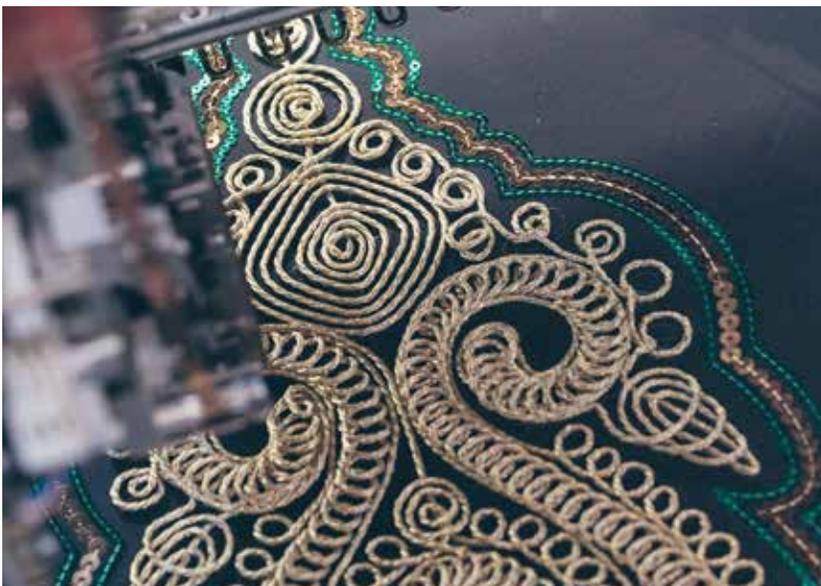
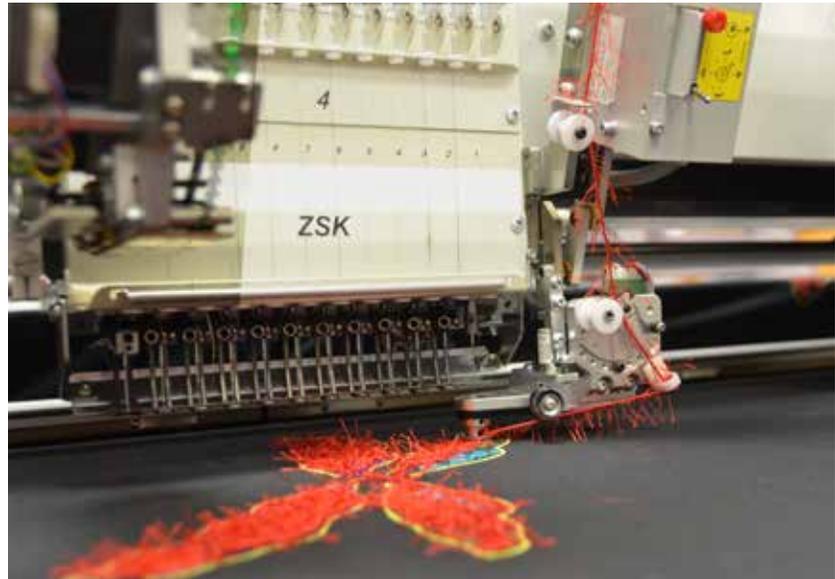
MIX AND MATCH

The EP 1.2 is the newest generation of the ZSK cording attachment. The device allows the machine to lay down and adhere cord material from 0.8 mm up to 4 mm to textiles and garments. This type of embellishment is popular among the fashion and home decor industries.

EP DEVICE

Zig-Zag Cording and Ribbon:

This unique device fits on the right side of the embroidery head utilizing needle 1. Embellish your textiles with various medias such as ribbon, yarn, cord, and more!



SPECIALTY ATTACHMENTS

REAL SOLUTIONS

ZSK has created a cost efficient alternative to an embroidery machine mounted laser. By using the HAC (Hot Air Cutter) attachment, textiles can be cut using the intuitive device. The Hot Air Cutter is extremely useful in the applique process and can also be used in creative fabric etching applications.

Hot Air Cutter:

The HAC was developed to cut material that can be used for techniques like applique. Outfit current and older models with this device at a fraction of the cost of a machine laser.

HOT AIR CUTTER



SPECIALTY ATTACHMENTS

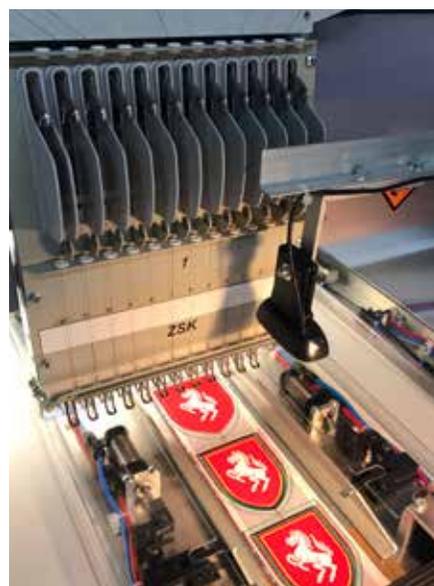
PROFIT THROUGH INNOVATION

The Roll 2 Roll device has been developed for the ZSK Racer Series embroidery machines. This attachment is capable of semi and fully automated production of tapes and belts up to 220 mm wide. The system can embroider one or two layers of material using either a clamping or guiding system.

ROLL 2 ROLL

Roll 2 Roll Strap Device 2.0:

The Roll 2 Roll is guided by the ZSK embroidery software and the machine will automatically feed and stitch the material. This reduces labor needs as well as increases production efficiency.



SPECIALTY ATTACHMENTS

PROFIT THROUGH AUTOMATION

The Roll 2 Basket has replaced the previous ZSK Belt Tape Device. With the new development on this system, this attachment allows for embroidery on tapes, belts, ribbon, etc from 10 mm up to 150 mm. The Roll 2 Basket can handle only one layer of material with the automated feed.

Roll 2 Basket Device:

Just like the Roll 2 Roll, this device allows for fast & easy production as it will automatically advance the media. This device can be retrofit on older equipment as well as the newer equipment.

ROLL 2 BASKET



SPECIALTY ATTACHMENTS

STAND OUT FROM THE CROWD

Traditionally, beading in embroidery is stitched using a reel device that feeds a string of beads. Now, with ZSK's new Automatic Beading Device, the beads are dispensed and sewn one by one on to the textile. Use various digitizing techniques to orientate the beads uniquely & create stunning designs.

BEAD DEVICE

Automatic Beading Device:

Pour the loose beads into the top container and the device will disperse each bead appropriately and individually. The bead attachment is available for the right or left side of the embroidery head.



SPECIAL MULTI-HEAD OPTION

ELIMINATE BOUNDARIES

Head Selection is available for flat, tubular, and specialty multi-head ZSK Equipment. This notable function controls the ability to turn individual heads on or off at certain points of the design. By doing this, the designer & operator eliminate the multiple steps to create large format embroidery.

Head Selection & Personalization:

Personalization is typically reserved for single head models. But, with new developments, multi head machines can now accept a list of names and toggle the heads on/off independently & automatically.

HEAD SELECTION



SPECIAL OPTIONS

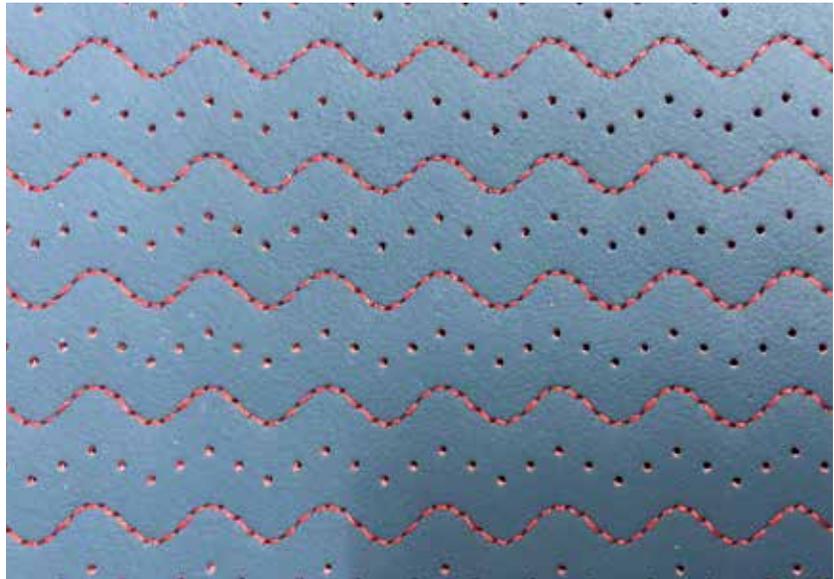
UPHOLSTERY & SEWING WITH HEAVY WEIGHT YARN

ZSK offers equipment with up to 24 needles, allowing the machine to utilize and combine a variety of thread. Recent developments in needles, tensioning systems, and the hook system have revolutionized customization in several markets including the Automotive Interior Sector.

THICK THREAD

Mixing Quilting with Embroidery:

Quilting combined with embroidery can be an arduous process in transferring material from sewing machine to embroidery machine - ensuring correct registration. ZSK does both on one machine.





ZSK Racer 2 XL - 24 Needles, Thick Thread Option, and Automatic Bobbin Changer



ZSK Thick Thread Option:

The machine above is stitching on leather panels with thick foam underneath to create a raised effect. It is also equipped with the automatic bobbin changer for continuous production.

**ADAPTABLE
VERSATILE
FORWARD THINKING**

Heavyweight yarn is a staple in several sectors of the upholstery and textile industry - from functional sewing to decorative patterns. Many designers use conventional industrial sewing machines to create the necessary designs for their diverse products.

By adding the thick thread option to a ZSK embroidery machine, concepts are now moving forward into production - especially in automotive interiors. Automobiles are customized with both quilting and embroidery to generate an appealing and luxurious environment. Companies now offer interior personalization to develop unique choices and alternative options for the ultimate custom build experience.

Along with the ability to stitch with heavier yarns, ZSK has also developed the Smart Vision System for perforated materials. Certain leather applications require the material to be punched (perforated) & stitched. This can prove difficult when working with these two prerequisites.

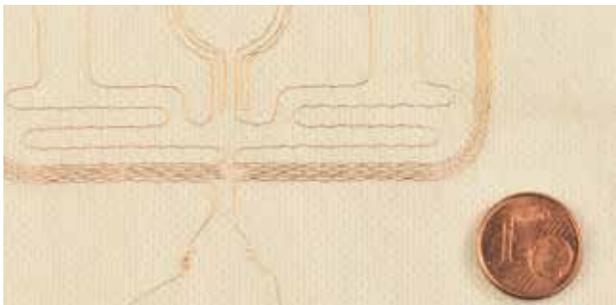
Leather will move and displace as a needle creates a penetration into the fabric. As this happens over and over again, the leather will shift in the direction of the sewing, which will create issues with the perforations. The new Vision System uses a camera along with the digitized information to monitor the position & movement of the material. During this process, the machine will adjust the embroidery pattern on the fly to achieve perfect registration.

“**INNOVATION** DISTINGUISHES
BETWEEN A
LEADER AND A
FOLLOWER.”

- Steve Jobs



ZSK SGW 0100-1375-1200 - Embroidery Technology for Technical Applications



Micro Copper Wiring



Carbon Fiber Applications

TECHNICAL EMBROIDERY



Embroidery technology is not only for embellishment and/or decoration - it has also adapted to technological innovations. Imagine using an embroidery machine to create infrared heating systems or internal wired wall linings for safety and alarm systems.

ZSK produces the only machine in the world that has the ability to lay materials such as carbon fiber and electronic wiring with state-of-the-art embroidery technology. Such technology includes: the two bulk wire / fiber supply system, electronic unwinding function, automatic media changes, pneumatic media trimmer, wire strike detection system, pneumatic clamp and stretch system, automatic roll to roll advancement, automatic bobbin changer, and much more.

With the emergence of this technology, the uses for this machine have grown exponentially. Applications include developments such as heated seats, antenna and sensor integration, protective shielding, uniform cooling systems, scientific cellular research, parts manufacturing, and beyond.



Multi-Head Technical Embroidery



Automatic Bobbin Changer

HOT FIX EMBELLISHMENT

PEARLS, RHINESTONES, RHINESTUDS, AND MORE

Vakufix



Posmatic



Based in Lustenau, Austria, Nagel & Hermann manufactures a variety of hotfix (and cold glue) setting machines. From manual to semi-automatic to fully automatic, there is a model to fit your specific needs.

The Vakufix handheld hot fix setting machine allows the user to adhere rhinestones, rhinestuds, nailheads, half pearls or other rounded hot fix elements to textiles using the vacuum pen with interchangeable nozzles.

The Posmatic is a pedal driven hot fix setting machine that semi-automatically adheres rounded hot fix elements to textiles. This machine allows the user to utilize a foot pedal to operate the mechanical nozzle, freeing up the operator's hands to position the fabric for perfect placement.

Both the Vakufix and Posmatic setting machines can accommodate different element sizes from 2mm - 8mm with the interchangeable parts.

LaPerla



The LaPerla machine embellishes fabrics using pearl type elements. This machine sets the pearl with the automated foot and adheres it by using heat and fine wiring from underneath.

Each one of the machines have a built-in heating element that can be adjusted to the desired temperature. By controlling the temperature, the designer has the ability to embellish a full range of textiles – from mesh & other delicate materials to heavy fabrics.

PINT SIZED AND POWERFUL

The new desktop model from N&H has a field size of 30 x 30 cm with unlimited colors and can work with an assortment of sizes and types of elements. Create transfers with an array of crystals (from ss6 up to ss34), rhinestuds, nailheads, etc in one file - and, it's completely automatic.





Nagel & Hermann Libero HR - Automatic Rhinestone Setting Machine
Field Size 300 mm x 300 mm (11.8" x 11.8")

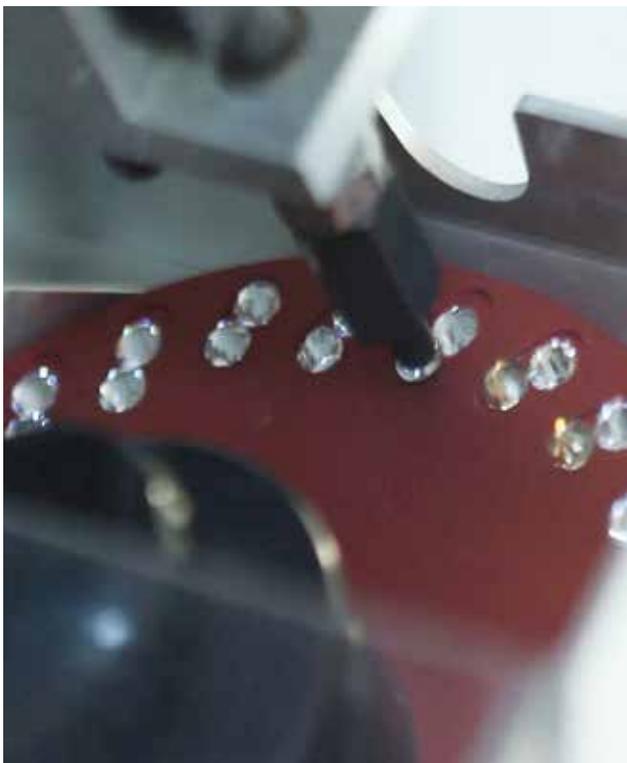
Ready to take the next step in rhinestone decoration? The Libero HR by N&H is the solution for designers that desire more versatility and creativity. Measuring at approximately 22" x 22" x 11" and weighing at 50 pounds, this machine is just the right fit for businesses & hobbyists alike.

The Libero HR is simple and easy to operate - just plug in a USB drive with the rhinestone design and load it into the internal memory. After the machine reads the design, press the start button to begin operation. If there is more than one color, one type, or one size stone, the machine will pause after each pass and wait for the operator to change the necessary pieces. Once everything is in place again, press start again and the machine will continue where it left off. In addition, the machine will detect if the pot is empty (out of stones) or misses a stone.

The equipment is all electric and does not require an external air compressor. This feature along with the simplicity & size of the machine lends to several opportunities for traveling businesses. Made in Austria, the Libero HR presents new and exciting advancements in the decoration market.

LIBERO RS - 6 POT AUTOMATIC

Automatically set rhinestones or other elements directly to a special foil to create transfers for hot press (ie: t-shirts) or cold press (ie: glass).





Nagel & Hermann Libero RS - 6 Station Element Setting Machine
Field Size 300 mm x 800 mm (11.8" x 31.5")

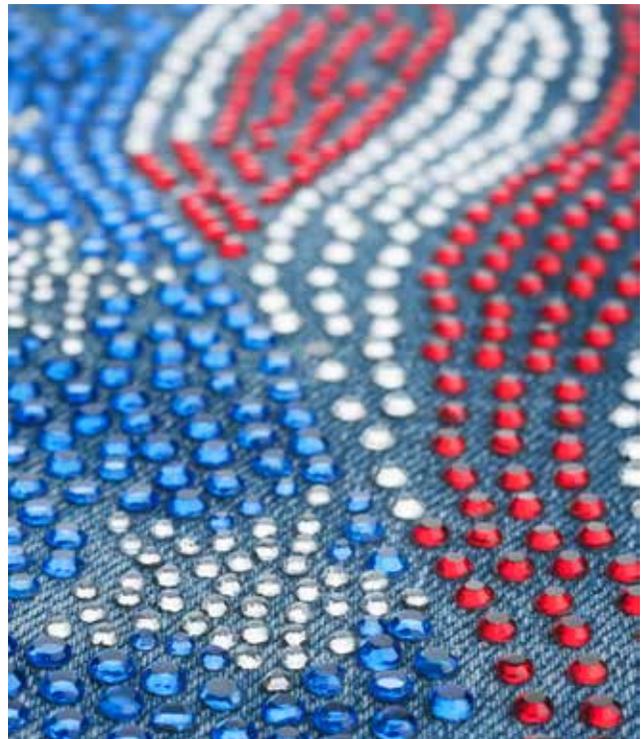
The Sheet-Libero RS by N&H is the leading business start-up machine in the automated setting machine market. This is a six hopper machine that allows the user to fix rhinestones, rhinestuds, nailheads, half pearls or any other elements to a transfer paper.

The N&H Sheet-Libero RS is equipped with a locked-pin carrier plate that ensures precise placement of the decorative elements onto the transfer sheet. Nagel & Hermann is the only manufacturer in the world that builds this distinctive tray system on an automatic machine. The tray system also permits unlimited stone types & colors in one design and stills run in a production environment by running each color independently – rather than running each design independently. In addition, this model is compatible with the exclusive cold glue system.

LIBERO C4 - 4 POT AUTOMATIC

ENDLESS PRODUCTION

The Nagel & Hermann automatic equipment is unlike any other hot fix equipment around. N&H sets itself apart from the market with the world's only, truly endless & labor free production machine.



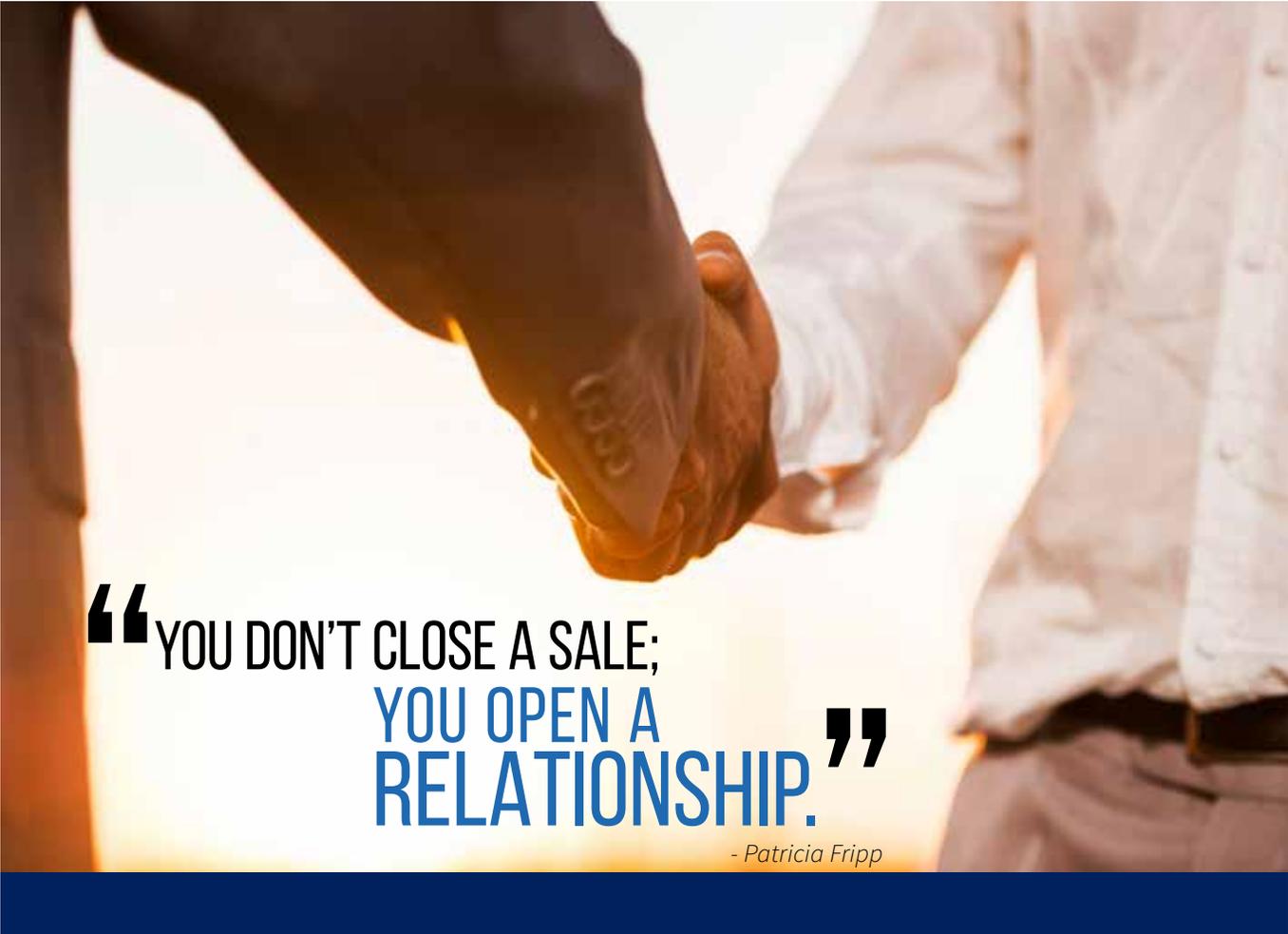
“WORK SMART GET THINGS DONE.”

- Susan Wojcicki



The Endless Libero C by Nagel & Hermann is the Ultimate Hot Fix Production Machine! This is the only hot fix setting machine in the world built with this type of frame work. The Endless Libero C is a 4 hopper machine that allows the user to affix rhinestones, rhinestuds, nailheads, half pearls or any other hot fix elements to transfer paper – without any need for an operator to run the machine.

The Austrian built, all metal robotic arm setting machine can produce up to 7,000 elements per hour with element sizes ranging from SS6 up to SS36 (size 2 mm up to 8 mm) - with a field size of 300 mm (11.8”) x Endless. The machine has interchangeable nozzles as well as changeable holding pots to accommodate the different size elements. The machine is also equipped with international standard brand parts and components for easy maintenance.



**“YOU DON'T CLOSE A SALE;
YOU OPEN A
RELATIONSHIP.”**

- Patricia Fripp

We are your direct source in the United States and North America for ZSK Embroidery & Technical Equipment as well as Nagel & Hermann Rhinestone / Hot Fix Element Equipment.

Over 60 Years and 3 Generations ago, our business began as a true entrepreneurship in the textile industry. Back in 1955 in St. Louis, MO, our commitment to the sewing & embroidery trade began and has since evolved to multiple equipment and software solutions for the decoration market.

Since then, our goal has always been to help decorators of all backgrounds to build and to grow their businesses. Our teams of specialists understand the value of knowledge and support needed to assist & guide our customers.

The same family that started the business is still involved and proudly runs the company today. We are committed to you, our customers and friends, to provide you with the most valuable & reliable products as well as education.

Headquarters

10820 Ambassador Blvd | St. Louis, MO 63132
1-877-724-6400 or +1 (636) 724-6400
ZSKmachines.com | NHRhinestones.com
Sales@ZSKmachines.com

NE Office - Sales & Service

197 N. Main Street, Suite 3 | Boscawen, NH 03303
+1 (603) 934-6555
ZSKmachines.com | NHRhinestones.com
Jim@ZSKmachines.com



[YouTube.com/ZSKmachines](https://www.youtube.com/ZSKmachines)