



Embroidery Machines

MADE
IN
GERMANY

ZSK Stickmaschinen GmbH sets the standard for embroidery machines worldwide. Developed and assembled in Germany, ZSK embroidery machines guarantee shortest return on investment by high speed embroidery. ZSK embroidery machines offer extreme precision, flexibility and a long life time.



ZSK Embroidery Machines

Whether you are starting a new business, or add further machines to your existing company, the purchase of an industrial embroidery machine is a very important decision. Quality, reliability, service and resale value are important factors.

As a ZSK customer you can build on high performance, quality, a large variety of accessories, ease-of-use and first class service. It is our daily aim to make available to you the very best partners worldwide with experienced technicians trained by ZSK.

ZSK manufactures embroidery machines with a long life time Made-in-Germany. In order to guarantee utmost durability and use of our machines, we have established a premium after-sales-service network that provides you with spare parts much longer than the seller's warranty requires.

Take advantage of more than 100 years of expertise in the construction and production of textile machinery – thereof more than 30 years experience with embroidery machines. Each single ZSK embroidery machine is fitted by a team and is a unique item. Assembly line work is unknown in our company. So it is not by chance that our embroidery machines enjoy the absolute best reputation in the market for precision, reliability and resilience. All ZSK embroidery machines are designed to operate day and night, 7 days per week.

Maximum quality, optimum service, precision Made-in-Germany! We at ZSK will clearly focus on our customers' satisfaction in the future as ever.



Content

ZSK Machine features.....	04
SPRINT 5 Single Head Embroidery Machine.....	06
Tubular Embroidery Machines J-Series.....	08
Accessories for Tubular Embroidery Machines.....	10
Flat System Embroidery Machines.....	12
Special Embroidery Machines.....	14
Technical Embroidery.....	16
Sequin Device / Boring Device.....	18
Software.....	20
Technical Data.....	22



At a glance

Features of ZSK Embroidery Machines

- Made in Germany - High Resale Value
- build for 24/7 - 365 days per year usage
- Soft Tension Head Technology
- up to 12 needles / colours per head
- automatic thread cutter
- upper- and lower thread control
- automatic backstitch function
- adjustable presser foot
- low noise generation
- contour tracing with lowered needle
- accepts all industrial embroidery codes
- storage up to 80 million stitches
- ready for networking
- integrated design editor
- automatic error analysis

ZSK embroidery machines can be upgraded for perfect fit with optional ZSK accessories.



Ease-of-Use

ZSK embroidery machines are controlled by state-of-the-art electronics - developed by ZSK. It is possible to transport designs via network and USB. The machine can be controlled with the intuitive and logical terminal.

The basis for controlling your machine is Windows CE: the terminal is a 8.4 inch TFT high definition screen and a flash storage up to 80 million stitches.

The terminal can be operated in 14 languages, accepts all industrial embroidery codes, offers an integrated design editor and allows graphical presentation of the embroidery process.

The ZSK terminal affords control and an excellent overview over your ZSK machine.

SPRINT 5

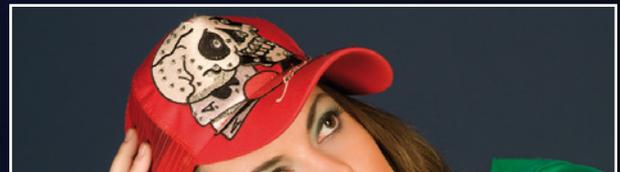
A Flexible Single Head Embroidery Machine



small, fast and reliable...

A small technical revolution

The SPRINT 5 is a compact tubular embroidery machine with the quality, precision and life time of a large-scale ZSK embroidery machine. The moderate weight makes the SPRINT 5 ideal for fast and mobile applications. The low noise generation is ideal for its use in stores and on trade fairs. Popular operating areas are sport stores, golf stores, horse riding stores and designer boutiques. Despite its compact structure, the SPRINT 5 has the same scope of performance as a larger embroidery machine.



Special Features:

- adjustable thread stand
- portable - compact size
- mobility - moderate weight
- fast - 1.200 stitches per minute

Competence and Expertise

ZSK J-Series

The ZSK J-Series sets a worldwide standard for tubular embroidery machines with state-of-the-art technology. The J-Series excels in tubular-, cap- and border frame embroidery. The J-Series concept is based on flexible applications using ZSK accessories. The advantage of the ZSK construction: minimum need for space, low weight, flexibility and mobility due to transport castors - changing the machine's location is easily done without help. Thanks to the swift convertibility, the machine is very user friendly when performing different embroidery applications. The decision for a ZSK embroidery machine is a decision for a machine which fulfills highest requirements. When using J-Series machines for embroidering promotional goods, corporate fashion, clubwear or for individualization of textiles it will more than satisfy your needs.



J-SERIES

Tubular Embroidery Machines



Special Features:

- 1.000 stitches per minute
- large embroidery field
- multi head: 1-8 heads
- transport casters
- fast and easy conversion between different applications

flexible, fast and easy to use...

ACCESSORIES

Infinite creativity...

ZSK offers a multitude of accessories for its tubular embroidery machines. ZSK accessories can be used for all embroidery machines, thus giving you the opportunity to find individual solutions for your specific demands.

Using ZSK accessories offers you the chance to use one machine for a variety of applications.

Tubular Frame/Hoop

ZSK frames enable you to embroider beach fashion, ropes, t-shirts, sweat-shirts etc - at high speeds.



Cap - Frame 60 x150 and 70 x 360 mm

The cap frame is placed on the cap drive on your machine. The cap frame enables you to embroider caps from all sides.



Sock Frame

With the new sock frame you can efficiently embroider pairs of socks. The clamping and changing of frames is particularly user friendly.



Paillette

Sequin Device

The ZSK sequin aggregates embroider different types of sequins from 3 to 19 mm



Shoe Frame 60 x 90mm

The unique ZSK shoe frame enables the individualization of shoes. Your customers can design their own shoes.





Shirt Pocket Frame 85 x 60 mm

The shirt pocket frame enables you to individualize shirt pockets. The frame can be used for custom made items as well as for batch production.



Stencil Frame

The stencil frame allows you to embroider name tags with a size of 25 x 113 mm.



Magnetic Clamp Frame 260 x 320 mm

The clamp frame simplifies embroidering products, that are difficult to clamp into tubular frames.



Trousers Frame 280 x 60/95 mm

Our trousers frames are specifically developed to embroider trousers. An extra large embroidery field of 280 x 60/95 mm is a special feature of this frame.



Ribbon Embroidering Device

15 - 35 mm

The ribbon embroidering device feeds ribbons from roll to roll and thus allows for all-automatic embroidering of belts, neckbands, shoulder straps etc.

FLAT SYSTEM EMBROIDERY MACHINES



Top quality meets utmost viability

ZSK flat system embroidery machines are ideal, when you focus on large scale- or ready-to-wear clothing embroidery. ZSK machines fulfill the highest quality requirements of your customers. Designed for production with border frames and single frames, our product range starts with a 1 head S-Series and finishes with a super-size 56 head machine with typical Shiffli rapport.

ZSK embroidery machines combine features that are difficult to match: highest precision and highest reliability in continuous production. The stable construction and especially developed vibration dampers assure minimum noise generation at high speeds. Large embroidery fields in connection with high speeds guarantee enormous productivity. Developed and assembled in Germany, ZSK embroidery machines guarantee shortest return on investment with high speeds, precision, flexibility and a long life time.



Creativity and Efficiency

Special Features:

- Embroidery fields from 500 - 1.500mm
- modular construction with 1 - 56 heads
- very stable and robust construction for long life time



SPECIAL EMBROIDERY MACHINES

K-HEAD and W-HEAD

The special embroidery machines from ZSK provide you with an excellent basis to achieve superior embroidery designs. ZSK special embroidery machines are based upon two to three different heads, which either solely or together create inimitable designs. The technical possibilities will exalt your inventive imagination. ZSK special machines are known for high speed, precision, reliability and ease-of-use.

K-HEAD

Embroidery machines with the K-Head have been developed for demanding chain-stitch and moss embroidery. The concept of using four motors per head enables individual variation of the needle, presser foot and thread carrier.

State-of-the-art technology enables you to use different setups for different effects. It permits you to react on different threads, embroidery materials and designs. The unique motor concept is the basis for quality products.

The K-Head can be combined with the Standard- and W-Head. The combination of different embroidery modes leads to striking new effects. ZSK special embroidery machines are a tool to transform your creativity into textiles.





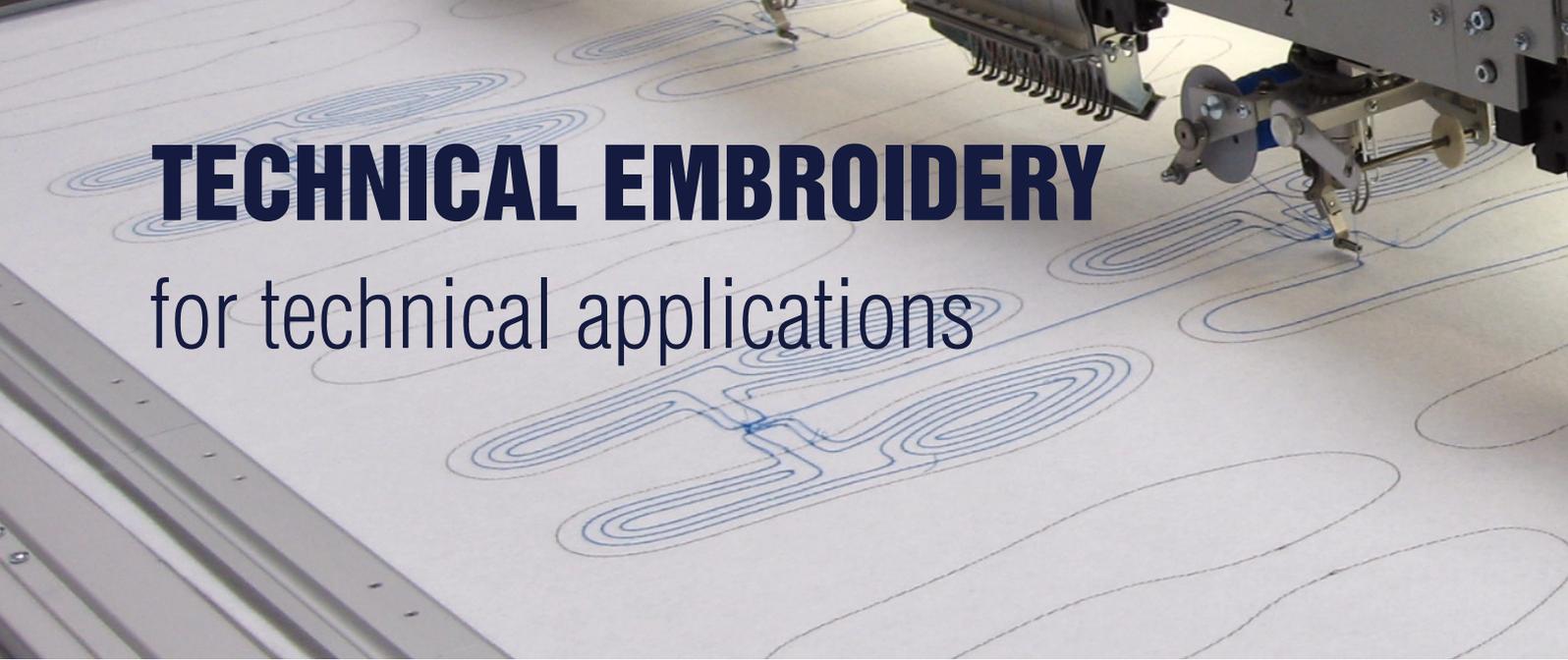
W-Head

ZSK special embroidery machines with the W-Head are capable to embroider ribbons, cords and fancy yarns. This leads to new and impressive embroidery designs. In the past, this kind of embroidery could only be effected manually. ZSK provides an opportunity to use machines, which are reliable, fast and efficient.

The different embroidery modes for ribbons, coiling and zig-zag help to react on different threads. The thread is placed next to the needle and moves freely. The upper thread is used to fix the fancy yarn onto the fabric.

For multi-colour embroidery, the W-Head can be combined with the standard head or the K-Head, thus increasing the flexibility and amount of possible applications.





TECHNICAL EMBROIDERY

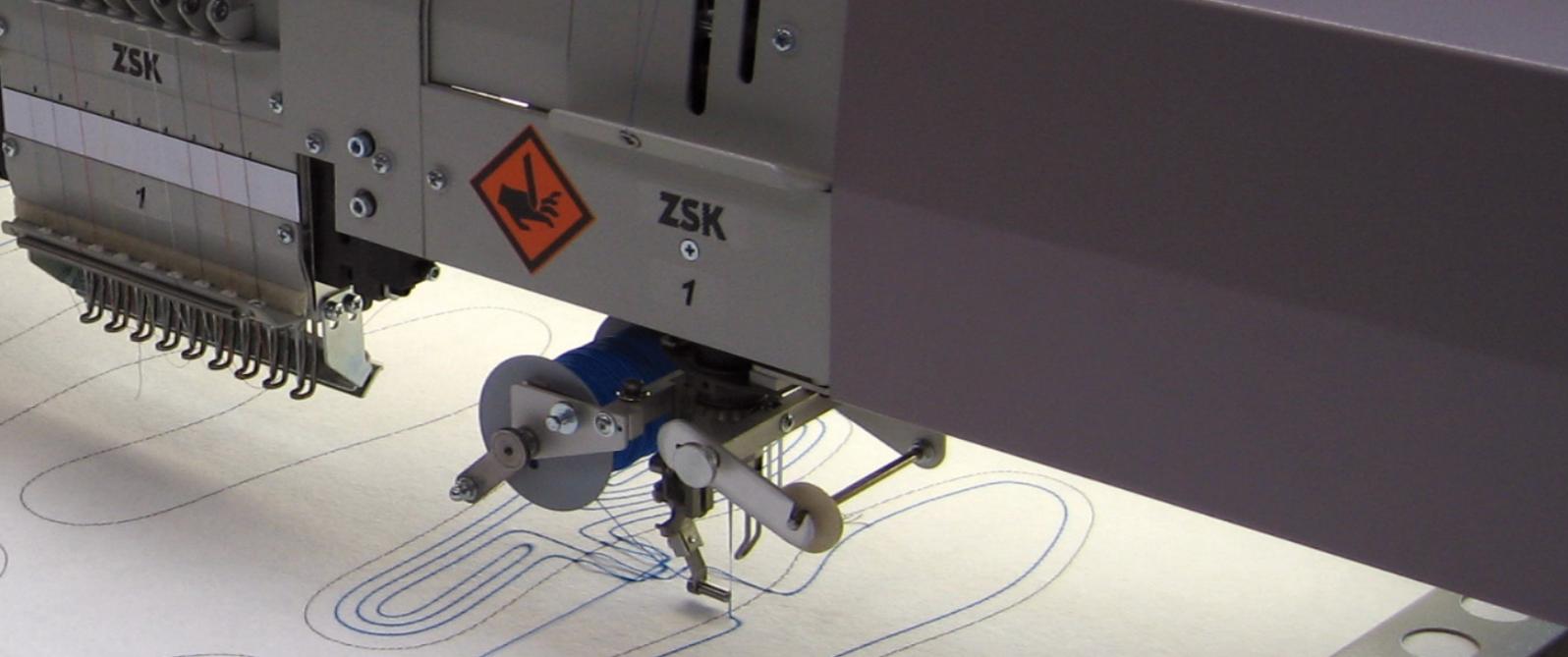
for technical applications

Sophisticated Applications by Technical Embroidery Machines

ZSK embroidery machines help to reduce production costs and time. They enable you to reduce delivery times and at the same time to increase the quality of your products. ZSK develops major league technology and innovative products. Be prepared for the hightech future with the support of ZSK process innovations, which provide intelligent, branch specific solutions, which do not only provide a solution for unique applications, but also provide developments for productivity and quality. The production of high-quality technical textiles makes special demands on the process technology, precision of the machinery and cost efficiency of the production process.

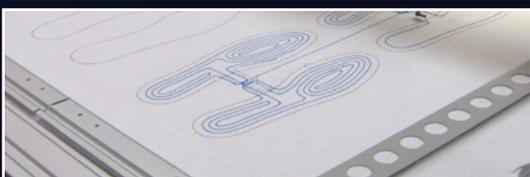
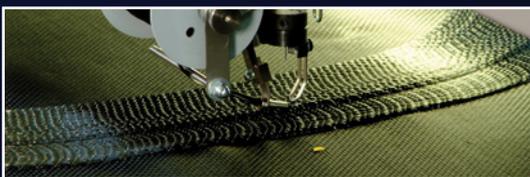
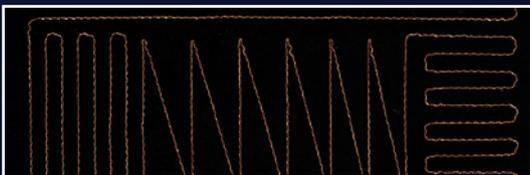
The key to the success of ZSK is the know-how and number of innovations in the embroidery machines. ZSK offers unique solutions for technical embroidery. Features such as pneumatic clamping, roll-to-roll devices, automatic fibre cutting, automatic switching between two wires or the automatic bobbin changer make ZSK embroidery machines highly automatized with a minimum of interruptions.

ZSK embroidery machines grant extremely high productivity and are very reliable systems for serial production.



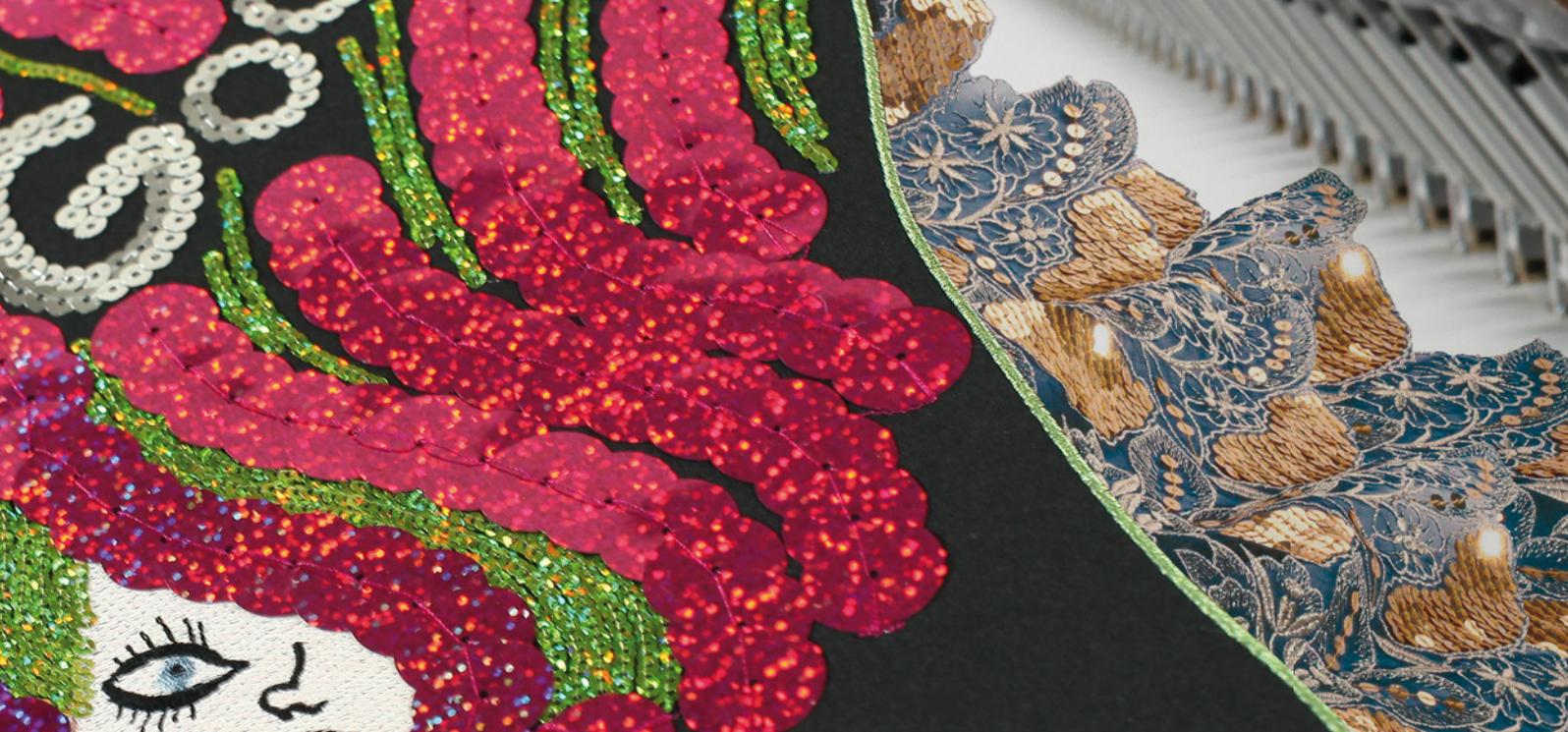
ZSK in Industry

ZSK systems are used in the medical-, automobile- and aviation industry for serially produced items such as laying electrical cables, reabsorbing threads, metal yarns, aramid, carbon and fibreglass rovings. The processing of tubes and optic fibres are widespread applications for ZSK customers. The production of RFID antennas, medical materials and heating for car seats, gloves and shoes are mundane applications for ZSK systems.



A radically new technology to build up reinforcement fabrics is the free orientation, placing and fixing of reinforcement materials through an embroidery machine. It can be used for applications where the production of components or textile structures requires the stitching of variable geometry ply stacks, where fabrics need to be reinforced locally, or fabrics must be assembled. A cutting edge advantage is the reproducibility. The fibres are fixed with single stitches on the base material - the rovings can be orientated in any direction. ZSK offers you the advantage of enabling you to produce goods of low weight, high reliability, improved quality and increased possibilities to reinforce locally, to fill and connect materials.

100% reproducibility speaks for itself!



High-Speed Sequins for amazing effects

ZSK sequin devices occupy a top position in the embroidery market. Beside exceptional precision and productivity, their speed is sensational.

ZSK embroidery machines in combination with sequin devices are only limited to your creativity. Using a unique embroidery technique developed by ZSK and perfected by the use of ZSK software, ZSK enables you to increase your productivity by 25%.

ZSK sequin devices offer you the chance to benefit above average from the sequin boom and enable you to produce great textiles in perfection.

ZSK offers single and double sequin devices which embroider sequins from 3 – 19 mm, type of sequin and hole position may vary. By using two twin sequin units per head, up to four different sizes and colours of sequin in one design are automatically applicable. The ZSK sequin device furthermore allows quick modification of different types of sequins. Entirely new creative scopes of design come along through hanging sequins with holes for fixing are at the upper sequin edge.





BORING DEVICE



The ZSK boring device is an optional device for your embroidery machine. The boring device broadens the scope for design and increases the value of your embroidery.



All ZSK standard heads are compatible with the boring device. The device can also be added subsequently.



The borer is a stitch tool with 4 sharp edges, that bores a hole in the fabric. The needle and the thread open the hole and embroider around the hole.

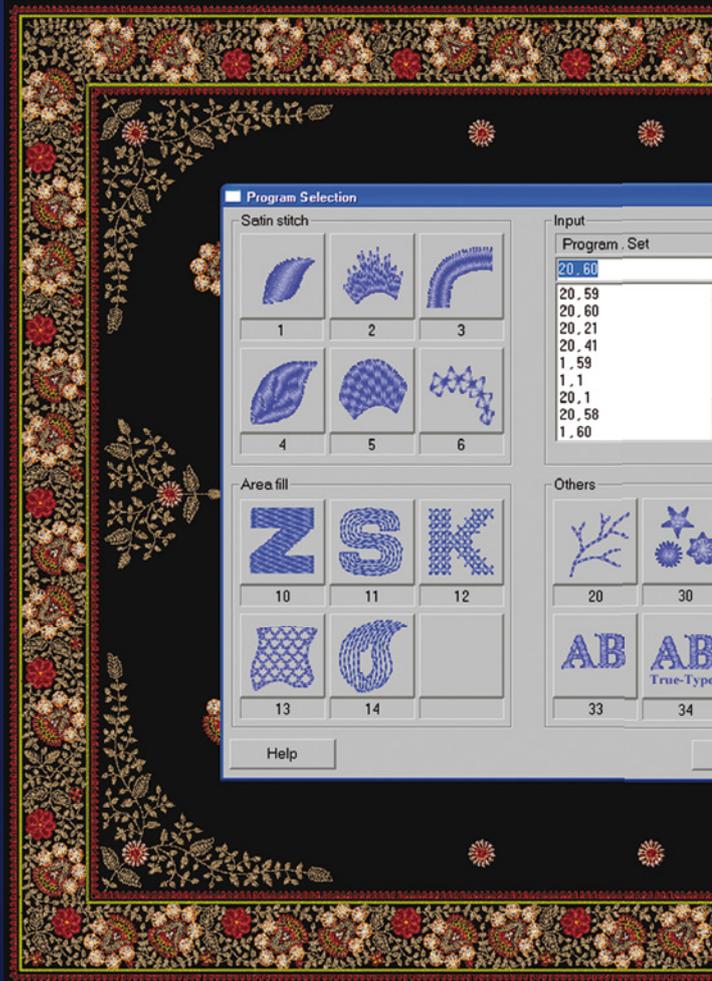


For optimal usage of the creative possibilities, we recommend using ZSK embroidery Software EPCwin.



The ZSK boring device creates fancy and complex effects. Popular applications are blouses, curtains and tableclothes.

PROFESSIONAL EMBROIDERY SOFTWARE



ZSK Benchmarking Software

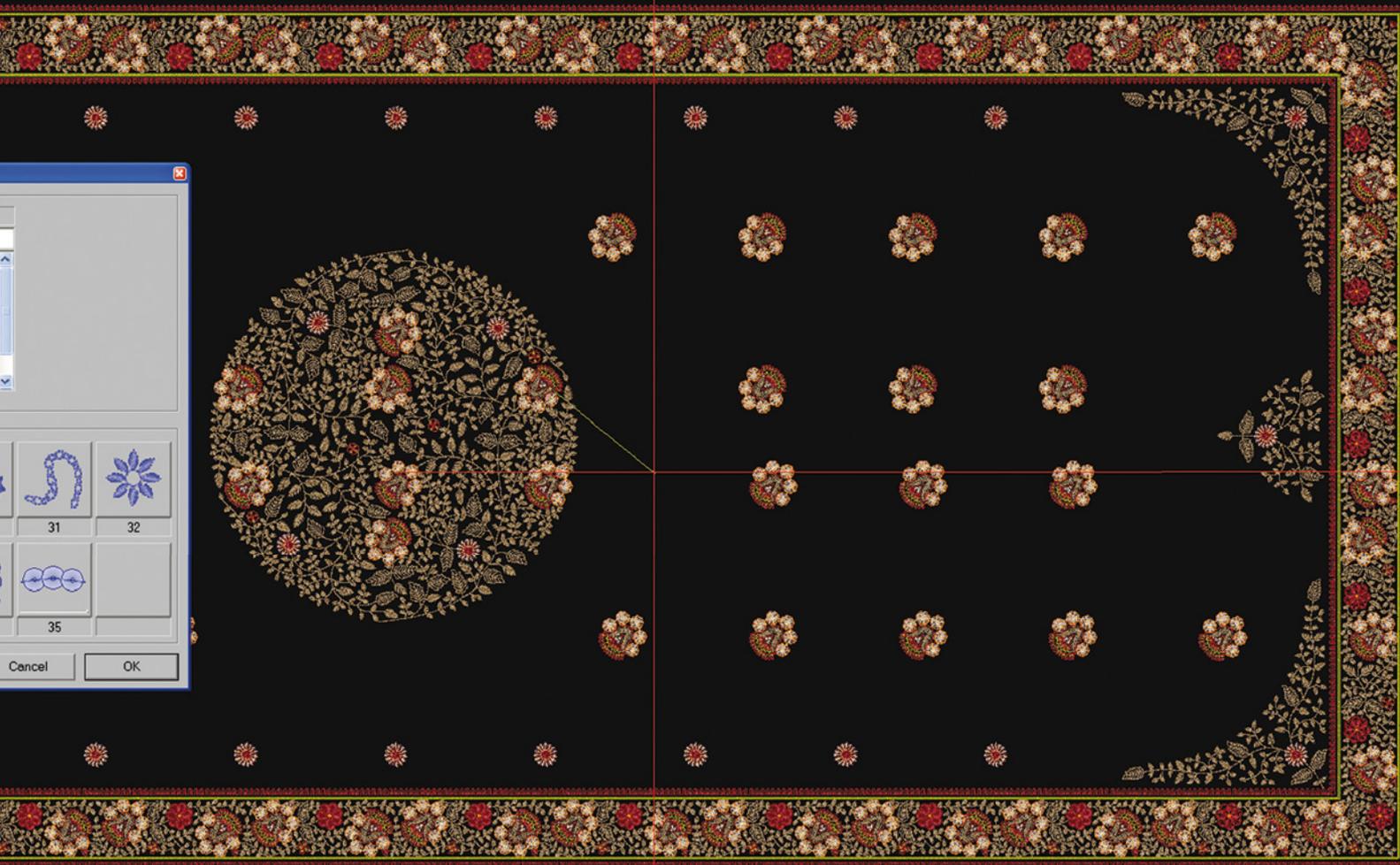
The creation of embroidery designs for the different embroidery processes is still one of the most challenging aspects of professional embroidery. ZSK embroidery software sets new standards for the functional variety and ease-of-use. Whether applied for badges, logos, applications, designs for Haute Couture, tablecloth, curtains, allover or chemical lace embroidery, the software provides all necessary levels for the creation of designs, drawing, punching and editing of designs.

ZSK embroidery software is a joint engineering of ZSK and GiS, the specialists for embroidery software. As user you will profit from over thirty years of global experience and intent expertise.

BASEPAC 8

BasePac is a modular and comprehensive software package for the creation and generation of embroidery designs. It is possible to individually combine the particular modules so that you can extend it very well step by step according to your increasing requirements.

The software is highly user-friendly through the typical Windows user surface, and above all, easy to learn by beginners.



In 10 dialogue languages, BasePac offers design management, exceptional monogram technique, an editor and punching programmes in 2 upgrading levels up to an automatic creation of embroidery designs from pictures. In connection with networked ZSK embroidery machines, the BasePac software introduces considerable economization potential with permanently changing designs, logos, names and number of items.

EPCWIN 5.0

EPCWIN 5.0 provides Basic Design, Shiffler Design, Punching, Editing und Design Management. With Basic Design, all current picture formats can be taken from different sources. In order to process these patterns, a variety of effective functions are available. Functions, especially developed for the embroidery-technical drawing, allow to pointedly create contours irrespective of the quality of the existing chosen picture.

The drawing of exact contours is the basis for a high quality embroidery design. Shiffler Design for professional users offers a large number of automatic programmes for boring and etching, vastly reducing the necessary expenditure of time when drawing.

For the purpose of punching, the user has at hand manifold devices to efficiently produce designs and stitch data.

TECHNICAL DATA

Machine Typ	Number of Heads	Number of Needles	Head Distance mm	Border-length mm	Embroidery Field mm								Length mm
					280	310	500	700	1000	1200	1400	1500	
J	1	12	500	500			X	X					1570
	2	12	495	990			X	X					2000
	4	12	400	1600			X						2520
	4	12	495	1980			X	X					3440
	6	12	400	2400			X	X					3440
	6	12	495	2970			X						4440
	8	12	400	3200			X						4440
SPRINT	1	12	460	460		X							1040
SPRINT XL	1	12	1200	1200	X								2580
S	1	12	1300	1300							X		4100
M	6	12	600	3600				X	X	X			5650
	8	12	480	3840			X	X					5650
	10	12	400	4000			X	X					5650
	12	12	350	4200			X	X					5650
L	10	12	480	4800				X					6290
	12	9	400	4800				X					6290
	12	12	400	4800			X	X					6290
X	10	12	600	6000					X				7980
	12	12	480	5760			X	X					6290
	15	9	400	6000				X					7650
	15	12	400	6000			X	X	X				7650
Y	15	12	480	7200					X				8840
	18	12	400	7200				X	X		X	X	8840
	18	12	400 D	7200							X	X	9220
	22	6	324,84	7146,48						X	X	X	8840
Z	28	9	324,84	9095,52						X	X		11235
	56	6	162,24 D	9085,44							X	X	11235

We are where you are - worldwide!

ZSK Stickmaschinen GmbH is the largest European distributor of embroidery machines with its headquarter in Krefeld, Germany. ZSK has more than 100 years of expertise in the production of textile machinery. ZSK has more than 75 sales and service partners worldwide. Trained experts and technicians are the basis of our international After Sales Service. In case you will need a spare part sometime, we guarantee fast and global delivery and installation.



ZSK STICKMASCHINEN GMBH

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