



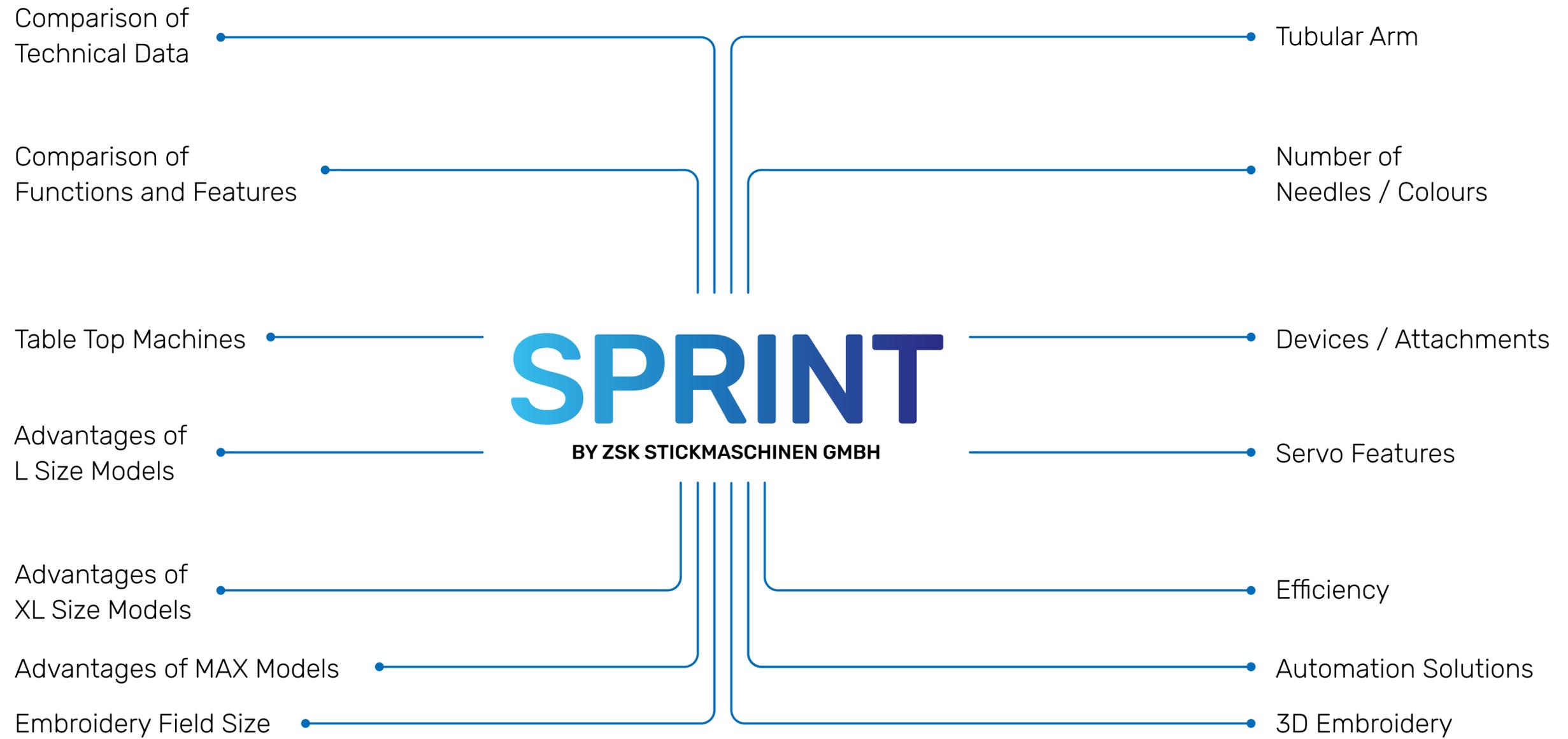
SPRINT - MODEL COMPARISON

SPRINT Classic, SPRINT 6 / 6L / 6XL, SPRINT 7 / 7L / 7XL / 7 MAX, SPRINT 8

From space saving to limitless spacious with extended embroidery fields - ZSK has made the

SPRINT

Series attractive for many applications from small businesses to industrial embroidery.





SPRINT Classic



SPRINT 6



SPRINT 7



SPRINT 8

		SPRINT Classic	SPRINT 6	SPRINT 6L	SPRINT 6XL	SPRINT 7	SPRINT 7L	SPRINT 7XL	SPRINT 7 MAX	SPRINT 8
Heads		1	1	1	1	1	1	1	1	1
Needles	(per head)	12	12	12	12	18	18	18	24	18
Stitches Flat	max. (per minute)	1.200	1.200	850	850	1.200	1.200	1.000	1.200	1.200
Stitches Tubular	max. (per minute)	1.200	1.200	1.000	1.000	1.200	1.200	1.200	1.200	1.200
Stitches Cap	max. (per minute)	1.000	1.000	1.000	900	1.000	1.000	1.000	1.000	1.000
Embroidery Field	[WxD] max. (mm)	460 x 310	460 x 310	600 x 280	1.200 x 280	460 x 310	600 x 400	1.400 x 400	460 x 310	460 x 310
Border Frame	[WxD] max. (mm)	460 x 310	460 x 310	600 x 280	1.200 x 280	460 x 310	600 x 400	1.400 x 400	460 x 310	460 x 310
Tubular Frame	[WxD] max. (mm)	400 x 300	400 x 300	400 x 280	400 x 280	400 x 300	400 x 300	400 x 300	400 x 300	400 x 300
Cap 360	[WxD] max. (mm)	360 x 70 360 x 90*	360 x 70 360 x 90*	360 x 70 360 x 90*	360 x 70 360 x 90*					
Shoes	[WxD] max. (mm)	124 x 175	124 x 175	124 x 175	124 x 175					
Machine Size	[WxDxH] (mm)	1.160 x 943 x 875	1.160 x 943 x 875	1.340 x 985 x 875	2.580 x 985 x 1.595	1.260 x 940 x 875	1.410 x 1.215 x 1.650	2.925 x 1.215 x 1.650	1.260 x 940 x 875	1.250 x 960 x 980
Power Supply	(V)	230	230	230	230	230	230	230	230	230
Weight	[kg]	130 90**	130 90**	140 100**	180	140 100**	225	270	150 110**	190 130**

* By switching off sensor

** Table top machine without stand

Basic Configuration

		SPRINT Classic	SPRINT 6	SPRINT 6L	SPRINT 6XL	SPRINT 7	SPRINT 7L	SPRINT 7XL	SPRINT 7 MAX	SPRINT 8
Fast Colour Change	(Efficiency)								✓	✓
Fast Thread Trimmer / Catcher	(Efficiency)									✓
Slim Tubular Arm	(Flexibility)		✓	✓	✓	✓	✓	✓	✓	✓
Higher Max. Stitch Length	(Efficiency)					✓	✓	✓	✓	✓
Improved Thread Tension	(Quality)									✓
Thread Break Detection	(Efficiency)	✓	✓	✓	✓	✓	✓	✓	✓	✓
Height Adjustable Presser Foot	(Quality)	✓	✓	✓	✓	✓	✓	✓	✓	✓
Quick Change System	(Efficiency / Usability)									✓
Extra strong Springs	(Flexibility)									✓
Longer Take-Up Lever	(Quality)									✓
Network Capability	(Efficiency)	✓	✓	✓	✓	✓	✓	✓	✓	✓
Noise Reduction	(Usability)									✓
Servo Motors	(Efficiency)					✓	✓	✓	✓	✓
Adjustable Frame Limit	(Efficiency)					✓	✓	✓	✓	✓
Monitoring Pantograph Movement	(Usability)					✓	✓	✓	✓	✓
Pattern Rotation in the Machine	(Usability)					✓	✓	✓	✓	✓
Home Function (Return to Centre)	(Usability)					✓	✓	✓	✓	✓
Save of Design Starting Point	(Usability)					✓	✓	✓	✓	✓
Optimized for Wide Products	(Flexibility)						✓	✓		
Spiral Hoses	(Quality)								✓	✓
Optimized Access to Yarn Cones	(Usability)									✓
Connection of Additional Devices	(Flexibility)	✓	✓	✓	✓	✓	✓	✓	✓	
Sewing Thread Setup	(Flexibility)	Optional								
Extended Table Roll2Basket	(Flexibility)		Optional			Optional				
Made in Germany	(Quality)	CZ	✓	✓	✓	✓	✓	✓	✓	✓



SPRINT 6



SPRINT 8

Table Top Machines

All SPRINT machines, except the 6XL, 7L and 7XL, are available as table top machines (optional).

For Roll2Basket SPRINT 6 and SPRINT 7 can be ordered with extended tables (optional).



SPRINT 6L



SPRINT 7L

Advantages of L Size Models

The biggest advantage of the L size models is the larger sewing field. In addition, the SPRINT 7L offers sufficient space for bulky objects in tubular operations due to a modified frame shape.



SPRINT 7XL

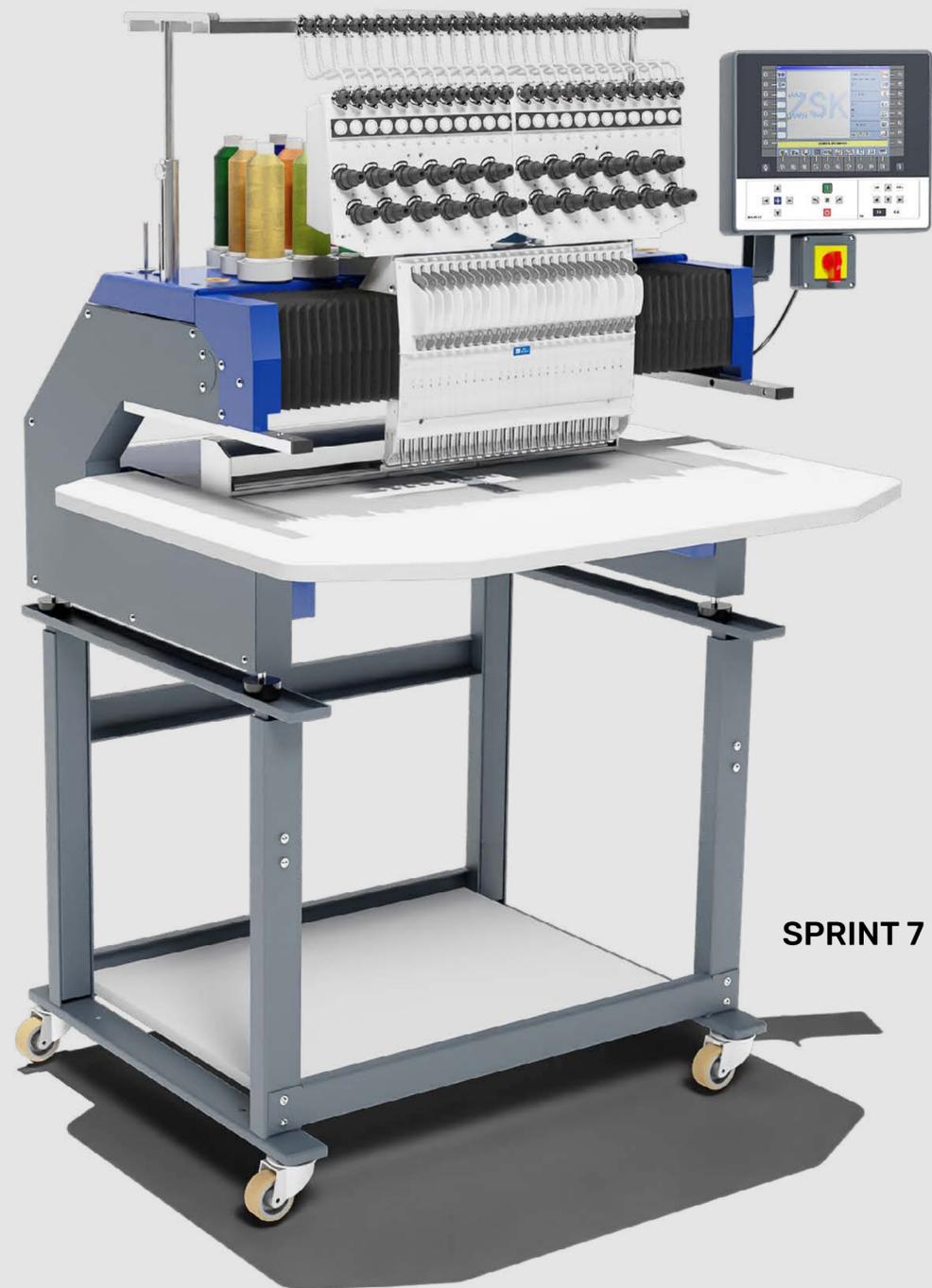


SPRINT 6XL



Advantages of XL Size Models

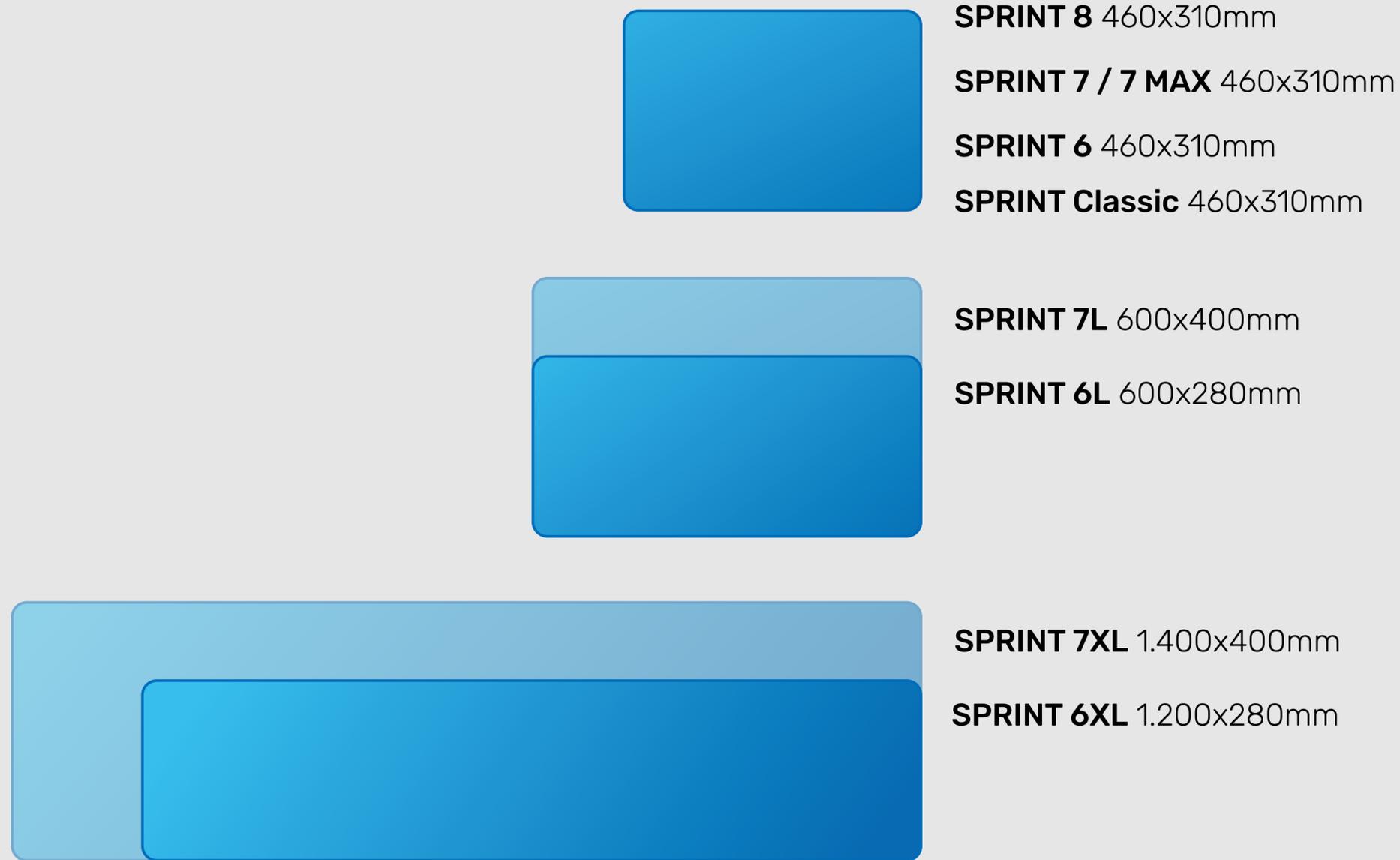
The biggest advantage of the XL size models is the largest sewing field. For tubular operations the table top can be disassembled very quickly.



SPRINT 7 MAX

Advantages of MAX Models

- Machine dimensions of a regular SPRINT
- 24 needles / colours - Ideal for fulfillment provider.
No cone changes required anymore.
- Fast colour change.



> 0,5m²
possible embroidery field size

Embroidery fields

ZSK offers machines with large embroidery fields. The repertoire of ZSK SPRINT machines ranges from the smallest machine with an embroidery field of 460 x 310mm to the largest of 1.400 x 400mm.



STEP 1

EMBROIDERY

Mechanism keeps Velcro tape underneath the tubular arm. The adhesion of the Velcro is preserved.

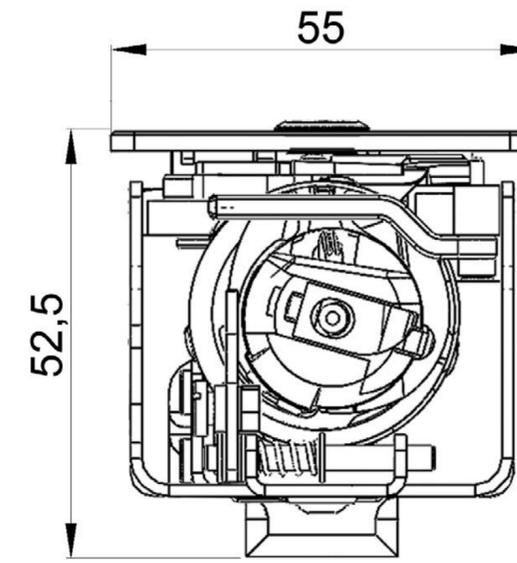
STEP 2

ATTACHING VELCRO

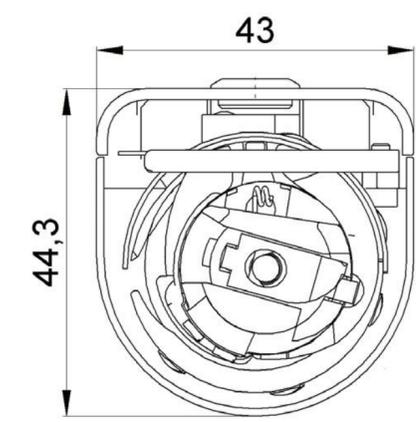
Mechanism lifts Velcro tape above the tubular arm, so that it is sewn with the embroidered tape.

Automation Solutions

ZSK provides automation solutions for embroidering ribbons using the Roll2Basket (Left) method or a solution for embroidering Velcro patches (Right). Through comprehensive process solutions, efficiency in production can be significantly increased.



SPRINT Classic



since SPRINT 6

Tubular Arm

ZSK offers machines with the slimmest tubular arm in the industry. This tubular arm is installed in all SPRINT models, but SPRINT Classic.

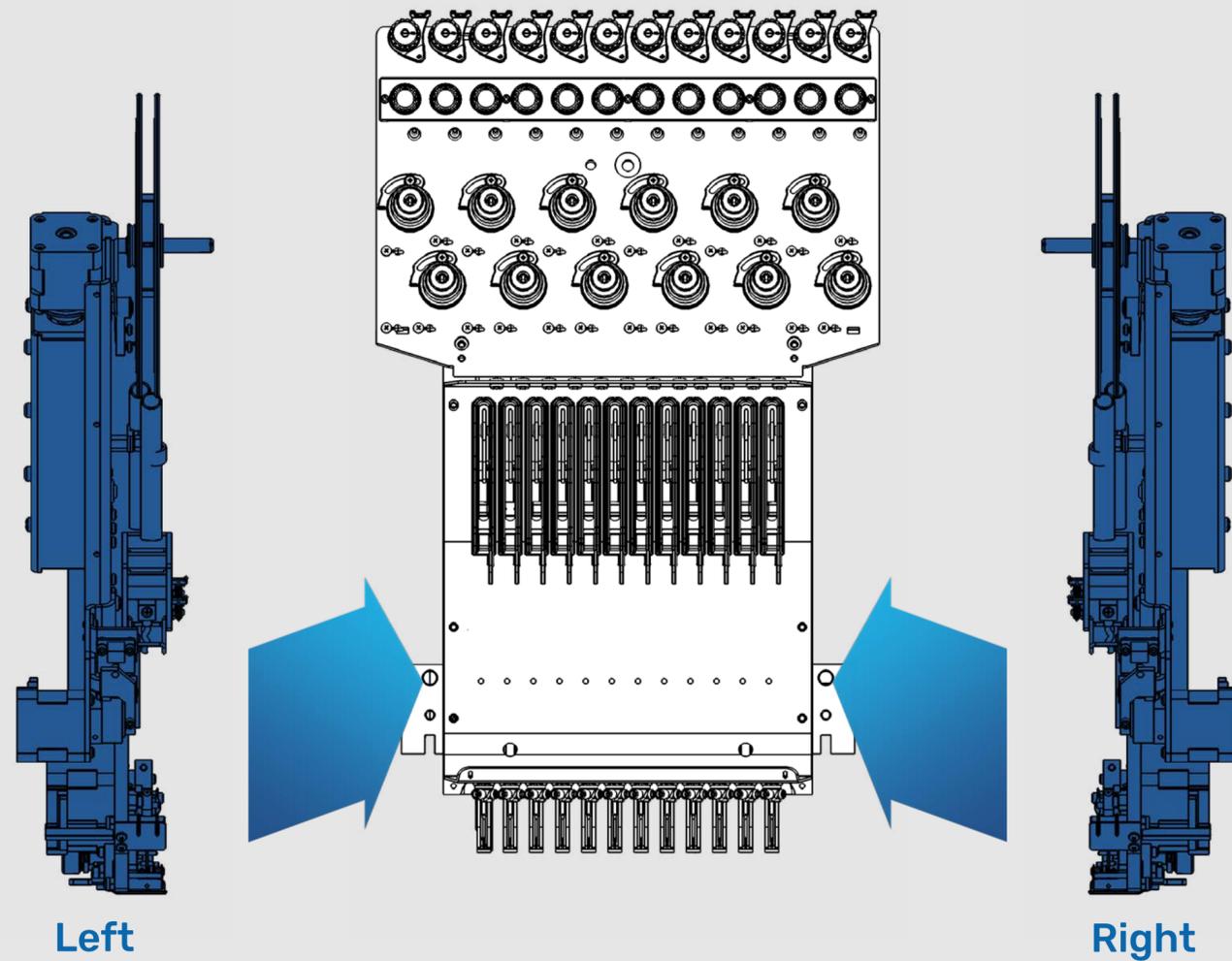
Benefit - Embroidery in Shirt Pockets possible.





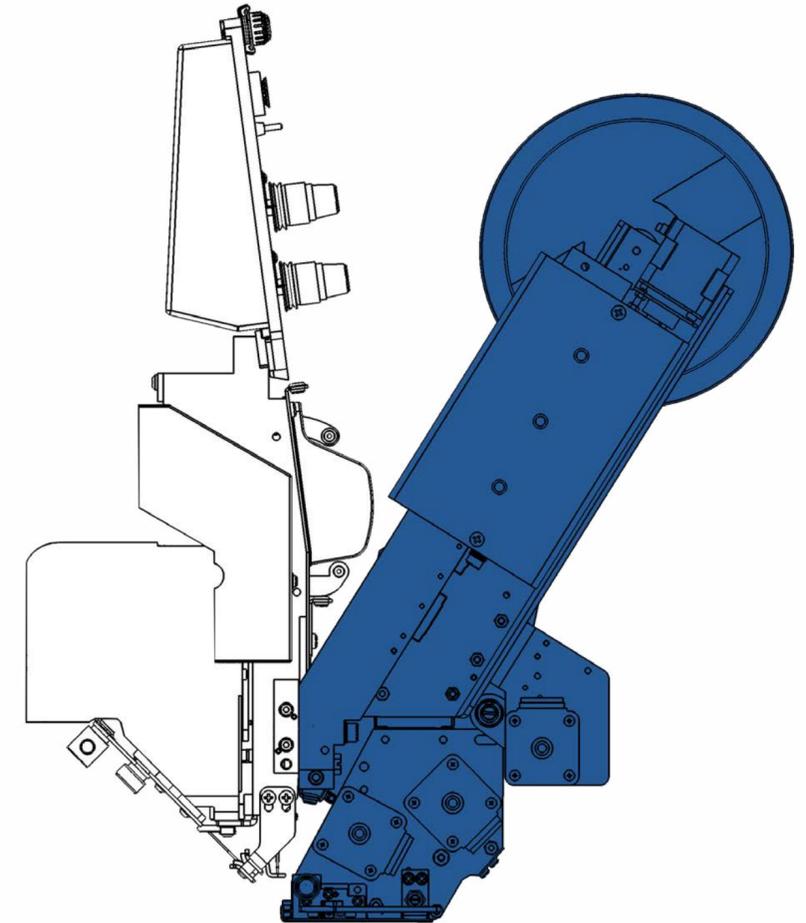
Needles / Colours

The SPRINT Classic, SPRINT 6, 6L and 6XL are equipped with 12 needles / colours. SPRINT 7 and SPRINT 8 embroidery heads are equipped with 18 needles / colours. Ideal for fulfillment provider is the SPRINT 7 MAX with 24 needles / colours.



- Sequin device V6 | V9 | T7
- Single Bead device
- Twin Bead device

- Cording device EP-1.2.
- Cord / Loop device
- LED Sequin device



Devices / Attachments

To each side of the embroidery head one device can be attached. There is a wide range of options to modularly equip the machine.

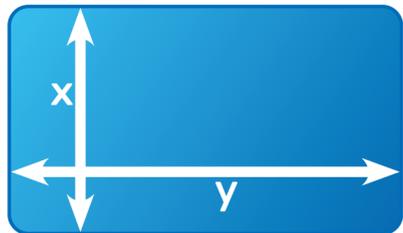
The attachments can be installed on all SPRINT models, but SPRINT 8.



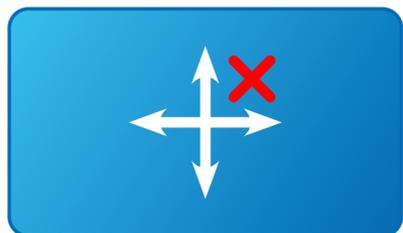
Loading design with starting point



Turning design on the T8



Loading frame with field limitation



Avoiding displacement when continuing embroidery

Servo Features

The SPRINT 7, SPRINT 7L, SPRINT 7XL and SPRINT 7 MAX models, as well as the SPRINT 8, are equipped with servo motors that offer a number of efficient features.

Loading Design without Design Tracing

When loading a design, design tracing can be omitted using the saved starting point and field limitation.

Colour Change

Conventional Colour Change (Needle 1-12):

6,1sec

ZSK Fast Colour Change (Needle 1-12):

2,1sec

-65%

Catcher

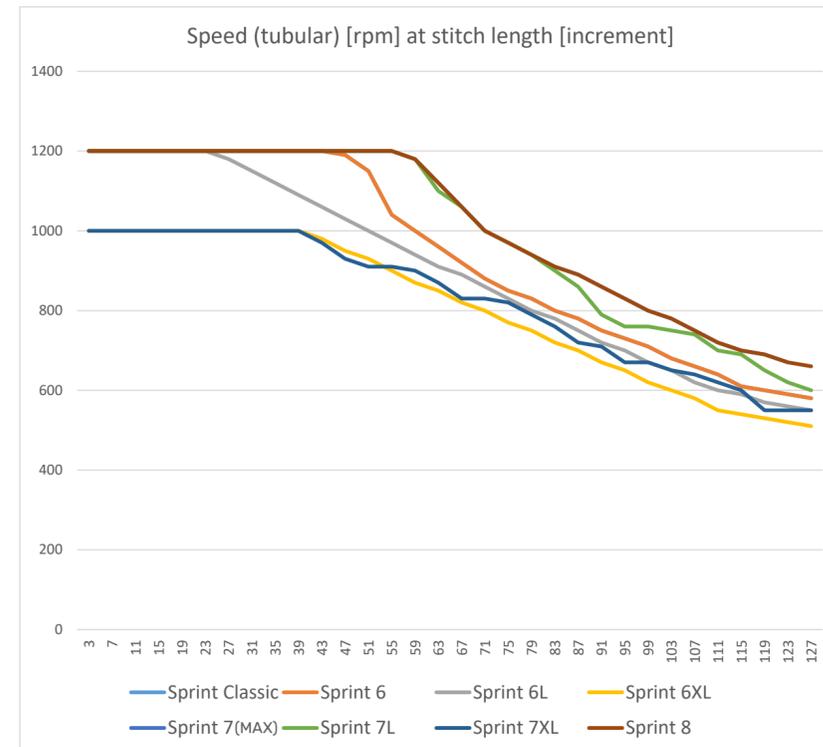
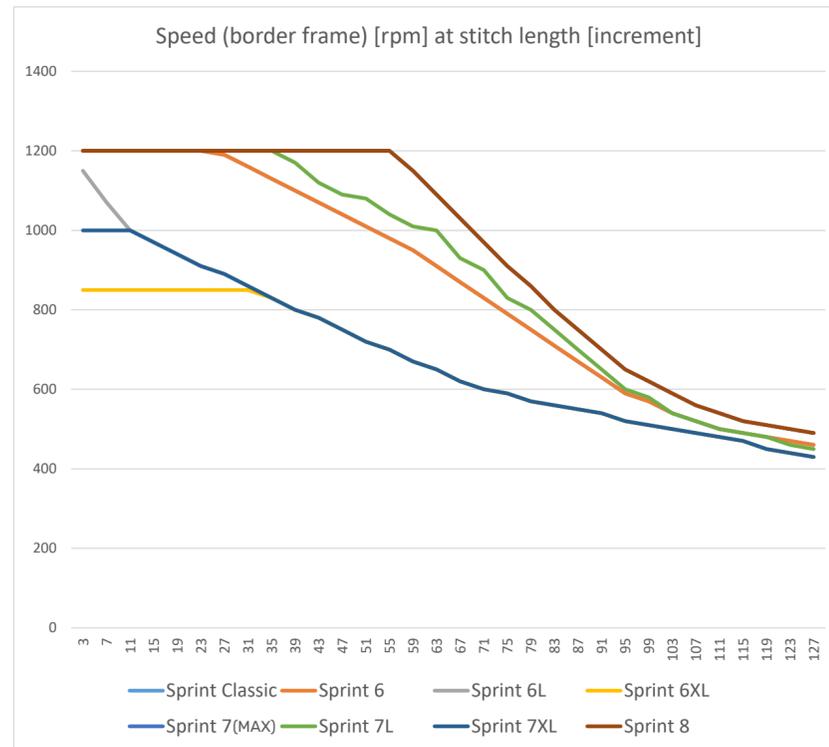
Conventional Catcher:

1,7sec

ZSK Fast Catcher:

1,2sec

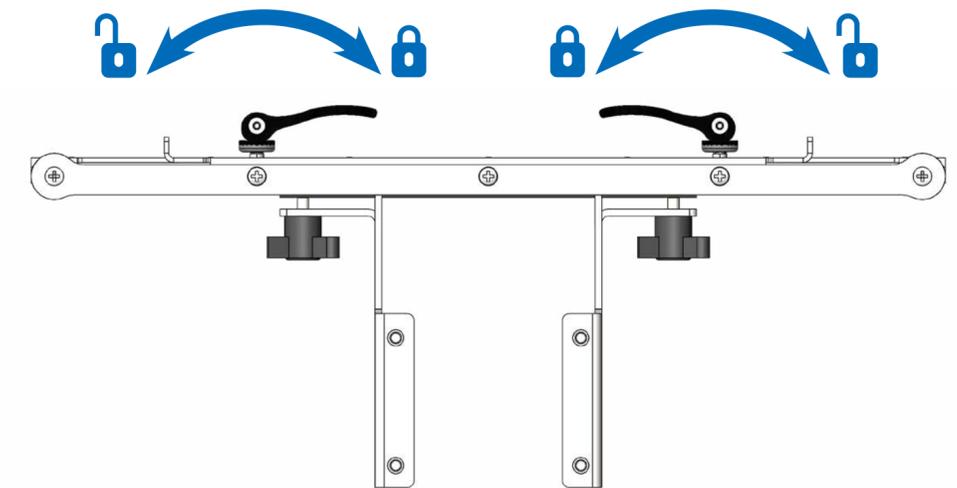
-30%



Efficiency

ZSK continuously optimizes the efficiency of the machines. Impressive examples are the fast colour change, the reduced catcher times and the increased speed in relation to the stitch length. The SPRINT 8 is equipped with these features.

The Fast Colour Change is also built into the SPRINT 7 MAX.



Efficiency - Quick change system

The new quick change system enables the quick and easy change between different applications such as cap, tubular applications or border frame.



3D Embroidery

The reinforced chassis of the SPRINT 8, extra strong springs and modified levers for perfect thread transport are just some of the components that enable perfect embroidery quality and heights of up to 8 mm in 3D embroidery.



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SPRINT - Versatile Single-Head Embroidery Machines

The SPRINT 6 and the SPRINT 6 XL are the most successful models of our popular one-head embroidery machines from the SPRINT series. The machines offer all operating modes such as border frame, cap and collar. The SPRINT models have the smallest fabric wastage for industrial embroidery machines. This newly developed feature offers greater freedom for embroidery work on previously very difficult or even inaccessible pieces such as very small shirt pockets.

The SPRINT 7, SPRINT 7 L, and SPRINT 7 XL are the flagship SPRINT series models, featuring the latest generation of powerful servomotors, 18 needles, and other enhancements powered by the SPRINT 6, SPRINT 7 XL, and SPRINT 7 XL, even the highest demands in the production area.

We set New Standards

The series is equipped with the thinnest free arm of the embroidery industry. It enables jobs that could not previously be processed, e.g. shirt pockets or shoes. The machines embroider without "border" on the front. Your advantage: bottles can no longer get caught in the hoop and thus remain undamaged. Help on quality production with the smallest clearances on the free arm.

The Models of single-head embroidery machines series: SPRINT

SPRINT 6 / SPRINT 7	SPRINT 7 L	SPRINT 6 XL / 7 XL	SPRINT 8
With the maximum 400 mm x 200 mm visible embroidery field of the SPRINT 6 and 7 the perfect dimensions for individual embroidery and great possibilities with the use of the model cap.	With 160 mm x 200 mm visible embroidery field, hanging shoes, nearest servomotors and 18 needles, there are no limits to the versatility of embroidery caps, fabrics and suitcases and to use the	The technical characteristics of the SPRINT, extended by the largest embroidery field of all SPRINT machines, have nothing to be desired in order to implement all ideas in the full-size. Free-	The SPRINT 8 is the latest and probably the most extraordinary model of the popular single-head embroidery machine series SPRINT of ZSK. ECONOMYDRIVEN, 18 needles, new technology and a

SPRINT on ZSK Website

TUBULAR SYSTEM
SPRINT
SINGLE-HEAD EMBROIDERY

FLEXIBLE AND VERSATILE

General Catalog