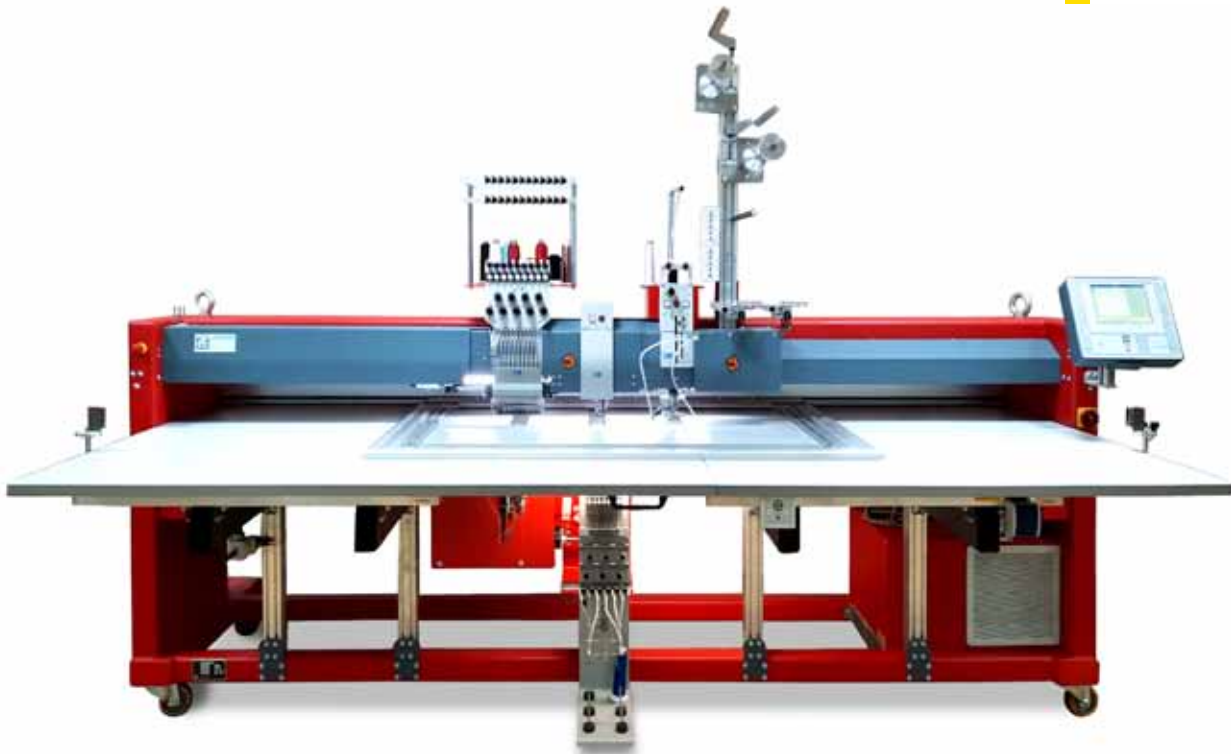




MADE
IN
GERMANY



JGVA 0109 -550

The highly capable and integrated smart textiles
and composites development center.

JGVA 0109

OUR OFFER

MACHINERY

JGVA 0109 - 500 (700)

Universal portal embroidery machine with three different heads / embroidery technologies:

1 x W-head with one needle to apply and fixate wires, fibers, optical fibers etc..

1 x K-head for chain and moss stitch with automatic colour change for 6 colours.

1 x F-head, a standard embroidery head with 9 needles and colour change.

HEAD DISTANCE

Between the heads: 275 mm / 10.8"

EMBROIDERY FIELDS (WIDTH X DEPTH)

Using all three heads: 550 x 600 mm / 21.6" x 23.6"

W-head only: 1.100 x 600 mm / 43.3" x 23.6"

K-head only: 875 x 700 mm / 34.4" x 27.5"

F-head only: 550 x 700 mm / 21.6" x 27.5"

T8-2 CONTROL UNIT

Machine control unit with Windows CE.

8.4" TFT colour monitor.

3 x USB 2.0 ports.

1 x RJ45 Network port.

Internal memory for pattern parameters.

Data output for optional MY.ZSK production data acquisition.

EMBROIDERY SPEED

W-head: 800 stitches/min., depending on thread quality, design and machine parameters

K-head: Chain stitch - 700 stitches/min.

Moss stitch - 650 stitches/min.

F-head: 1.000 stitches/min., depending on stitch length and material

TECHNICAL DATA

Length: 3.440 mm / 135.4"

Width: 1.840 mm / 72.4"

Weight: approx. 1.150kg / 2535lb

Power supply voltage: single phase AC 230 V

OPTIONS

LIGHT BARRIER AT TOP

Light barrier at front of the embroidery heads.

TWIN ACTIVE SUPPLY UNIT

The Twin Active Supply Unit for wires and fibers with standard motors can be installed on each laying head. Each supply system can take wire or fiber rolls up to 10kg. A new function implemented detects the end of supplied media.

CONVERSION KIT

Conversion kit for the supply of wires or fibers from the active supply unit to the ZigZag layer.

CONVERSION KIT SMALL REEL

Conversion kit small reel to feed wires / fibers from a small reel, which can turn unlimited around the needle as an alternative to an installed active supply unit. Not applicable in connection with wire/fiber changer and ZigZag layer motor outside of the head.

W-BOBBIN WINDER

Winder to rewind wire or fiber strings onto small rolls for the ZigZag layer for the W-head.

WIRE HIT DETECTION SYSTEM

If a laid wire is hit by the needle the machine stops and indicates the affected laying head. The defective part can be marked to be removed. In many branches like in the production of car seat heating systems this function is obligatory.

AUTOMATIC UNWINDING OF Z-AXIS

If wires / fibres are supplied from an active supply unit via pipes to the ZigZag layer the maximum rotation is limited to 360°. This option allows to adjust at what degree of the Z-axis an automatic unwinding shall be executed.

LAYER FEET

Three different layer feet each for wire and fiber.

CARBON PROTECTION

All electronic devices of a ZSK technical embroidery machine can be protected against carbon dust.

AUTO SELECT BOBBIN CHANGER FOR F-HEAD

Auto Select Bobbin Changer for F-head with a magazine for 8 bobbin cases, including bobbin cases and bobbins. The Auto Select Bobbin Changer enables the allocation of any bobbin case of the magazine to a specific needle or a singular access.

UPGRADE KIT THICK YARN

Additional thread tension and other picker for thick thread.

SPECIAL EYELETS

F- and K-head: eyelets for special threads.

SPECIAL GATE

K-head: special gate for conductive yarns.

SOFTWARE

EPCWIN 7 DIGITIZING SOFTWARE

EPCWIN is the standard software for technical applications on embroidery machines.

The software offers i.e.:

- CAD drawing functions,
- Excellent solutions for team work,
- Switching between the various ZSK technologies,
- Changing machine settings flexibly during the embroidery process.

INSTALLATION AND TRAINING

MACHINERY

Installation and training of the JGVA 0109 by ZSK experts

SOFTWARE

Installation and training of EPCWIN 7 by ZSK experts

KNOWLEDGE

KNOWLEDGE AND CONSULTATION

Knowledge transfer and consultation by ZSK experts

MORE INFORMATION

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