

We would like to propose you our partner ZSK Stickmaschinen GmbH – market leader in single and multi-head industrial embroidery machines.

The **TECHNICAL FIBER PLACEMENT SYSTEMS** of “ZSK Stickmaschinen” GmbH enables, with the use of new and innovative techniques, the laying and fixing of different media on textile and/or flexible carrier material.

The laying with ZSK embroidery machines, meaning the fixing through embroidering is one of the most accurate and efficient production methods.



EQUIPMENT CAPACITIES:

- ✓ Flexible laying of the media at the 2-dimensional level of the carrier material, so that the laying is only limited by the physical characteristics of the media
- ✓ High level of automation, significantly contributing to the efficiency level
- ✓ Laying wire with ZSK’s Technical Embroidery Systems is cost efficient, reliable and environmentally friendly
- ✓ Embroidering of antennas (RFID) and sensors on textiles allows measurement and transmission of signals like fill level, movement or temperature without any damage to the textiles



- ✓ Building up of the reinforcement fabrics using the radically new technology of free orientation, placing and fixing of reinforcement materials
- ✓ The machines can be used in 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 where fabrics must be assembled
- ✓ Various materials like carbon-, glass- and aramid fibres, etc. can be processed
- ✓ Usage of this equipment reinforces the cost-effective process through high stitching speed and multiple laying heads on the machine.
- ✓ In comparison to other textile technologies the expensive loss of materials is kept to a minimum, what accordingly allows to reduce the waste disposal problems

For any further details or inquiries, do not hesitate to contact us:
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