

# Glossary

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| Abridged user interface       | On-screen interface with restricted functionality and symbolic function keys. Only Basis function  |
| AFT                           | <b>A</b> Adjustable <b>F</b> abric <b>T</b> ensioner: supplementary tensioning device for border frame when embroidering curtains              |
| Appliqué embroidery           | Application of pieces of fabric and other compatible materials (such as leather or felt) to selected areas of the work                         |
| BDC                           | <b>B</b> ottom <b>d</b> ead <b>c</b> enter (e.g. fully lowered position of needle)   |
| Blank frame (template frame)  | <i>The word "blank" is used here in connection with an embroidery frame for inserting pre-manufactured strips of material (e.g. name tags)</i> |
| BNC                           | <b>B</b> ayonet <b>N</b> ut <b>C</b> onector (locks by pressing and turning)   |
| Border frame                  | Locating frame for large pieces of embroidery work (such as tablecloths or bed linen)  |
| Border frame embroidery       | Embroidery machine mode for embroidering large surface areas   |
| Button                        | Mechanical button on mouse or trackball or a virtual switch depicted on the screen   |
| Cap embroidery                | Also "cap mode": embroidery machine mode for embroidering baseball and other caps  |
| Cap frame                     | Frame for locating baseball and other caps during embroidery   |
| Chain stitch (cornely stitch) | Stitch type for K head machines  |
| CEX3 (K head)                 | Needle type (hook-eye needle)  |
| Coiling shaft (W head)        | Z axis, vertical rotary axis for the coiling unit.   |
| Coiling ratio (W head)        | Frequency with which the effect yarn is wound round the feed thread/upper thread (e.g. monofilament yarn) between two stitches.                |
| Complete operation mode       | Full on-screen interface with inscribed buttons and enhanced functionality   |
| Control unit                  | Input device for operating the machine (e. g. selecting design, aligning frame)  |
| Conversion                    | Preparing the machine for a different operating mode   |
| Cursor                        | A moveable marker or pointer on the screen   |
| Cylinder arm frame holder     | Pantograph attachment for locating single frames when executing tubular system embroidery  |
| Dancer roll/roller            | Device for controlling/regulating material batch/end with endless fabrics supplied on rolls  |



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| DBxK5                             | The abbreviation DB stems from an Asian language and indicates that a needle is suitable for step stitch.<br>The origin of K5 is unknown, but it is understood to mean the 5th variant of original needle DBx1   |
| Double sequin                     | Two installed sequin devices; each attaches one type of sequin (option with F/FA/FB heads, first and last needle)  |
| Drop stitch (moss stitch)         | Stitch type for K head machines  |
| Embroidery backing materials      | Also "embroidery backing material"; the fabric being embroidered   |
| Extractor valve/cylinder (K head) | Name of a compressed air component which actuates the thread extractor on the color changer.   |
| F head                            | Head type for standard embroidery with separate upper and bobbin thread thread monitors (mechanical)   |
| FA/FB head                        | Head type for standard embroidery with a <b>single</b> shared thread monitor for upper and bobbin threads (electronic)   |
| Frilling device                   | Device for W head machines. The frilling device allows tapes or ribbons to be embroidered in the form of ruffles   |
| Hardware                          | Physical components of a computer and peripheral devices (embroidery machine)  |
| Hub                               | <i>(The term "hub" denotes a kind of "distribution center" within a computer network.</i>  |
| IFP xx                            | German abbreviation for an electronic component, the <b>interface printed-circuit board</b> ; the number indicates the version ( <b>xx</b> )   |
| Increment                         | Unit of measurement, corresponding to 1/10 mm  |
| IPPC symbol                       | International symbol for treatment status of wooden packaging materials<br>DE Country code (e.g. Germany)<br>XX Regional code (e.g. NW for North Rhine-Westphalia)<br>49XXX Registration No. of wood supplier<br>HT <b>H</b> eat <b>T</b> reatment<br>MB <b>M</b> ethyl <b>b</b> romide<br>DB <b>d</b> ebarked |
| Keyboard                          | Text input device  |
| KSP xx                            | German abbreviation for an electronic component, the <b>head control printed-circuit board</b> ; the number indicates the version ( <b>xx</b> )  |
| K head                            | Head for chain and moss stitch types   |

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| Large pieces of work            | Generally woven or other fabric that will be finished after embroidering (logos are embroidered on a large piece of material and then cut out for sewing on a garment or other article; bed linen and knitwear are made up after embroidering) |
| LCD                             | <b>Liquid Crystal Display</b>  |
| LED                             | <b>Light-emitting diode</b> (situated on the control unit or keyboard, e.g. “Num” and “Caps”)  |
| Loop stroke                     | Required setting for formation of a loop of yarn in front of the rotary hook point   |
| Made-up items/tubular goods     | Made-up or partly made-up goods for embroidering   |
| MCP xx                          | German abbreviation for an electronic component, the <b>microcomputer printed-circuit board</b> ; the number (xx) indicates the version  |
| MDA                             | <b>Machine data acquisition</b> , (stitch counters, thread break counters, etc.)   |
| Memory                          | Machine or design memory   |
| Modules                         | Individual program that is part of the control software  |
| MSCF                            | <b>Multi-Sticktronic Control Future</b>  |
| MSCI                            | <b>Multi-Sticktronic Control Innovated</b>   |
| MSCL                            | <b>Multi-Sticktronic Control Little</b>  |
| MSCL-T                          | <b>Multi-Sticktronic Control Little - Table</b>  |
| MSCT                            | <b>Multi-Sticktronic Control Table</b>   |
| MS-Windows®                     | System software (operating system)   |
| Multi-head embroidery design    | Also “small-scale embroidery design”; contains design data for execution on multi-head embroidery machines   |
| Needle depth                    | Position of needle eye with rotary hook in defined position  |
| Nm                              | Metric unit of needle size (e.g. Nm 70)  |
| Pantograph                      | Mechanical drive that carries the work   |
| Pantograph guide slot           | Recess in the work table via which the drive elements transmit motive force to the frame locators  |
| Pantograph positioning switches | Key cluster for positioning the work underneath the active needle  |
| Preset                          | Option of assigning special functions to a stop in the stop table  |
| Rapid clamping system           | Form-fit system for mounting single frames with short changeover times.  |
| RJ-45                           | The RJ-45 socket/connector is used for wiring networks, for example.<br><b>RJ</b> stands for <i>registered jack</i> (standard connector with max. 8 contacts). <b>45</b> indicates the connector size (= 45 wide).                             |
| Roll-to-roll device             | A winding device for feeding through materials contained on rolls  |



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| Rotary hook adjustment         | Position in which the rotary hook point is at a defined distance (front to back) from and centrally aligned (side to side) with the hollow shaft of the needle |
| Schiffli embroidery design     | Also “large-scale embroidery design”; contains design data for execution on schiffli embroidery machines   |
| Sideways stitch adapter        | Device for W head machines. The adapter allows tapes to be stitched off-center in braid embroidery to obtain certain effects.                                  |
| Single frame                   | Locating frame for large pieces of embroidery work or made-up items (such as table mats, socks, T-shirts etc.)   |
| Softkey                        | A function key on the keyboard   |
| Software                       | Computer program containing instructions that cause the computer hardware to execute actions   |
| System (operating) software    | e.g. MS-Windows®   |
| TDC                            | <b>Top dead center</b> (e.g. fully raised position of needle)  |
| Terminator                     | Terminating resistor (BNC network)   |
| TFT                            | <b>Thin film transistor</b> for (computer) screens   |
| Thread layer or layer (K head) | A device that places the thread in a rotary movement around the needle in order to form a stitch.  |
| Trackball                      | Cursor control device  |
| Transistor                     | Variable resistor (semiconductor device)   |
| Truck (LKW)                    | Truck, as used to transport machinery and other goods.   |
| Tubular system embroidery      | Machine mode for embroidering made-up items (T-shirts, sweaters, etc.)   |
| Twin-Sequin device             | Device for machining two different sequin types (different sizes, different colors in a single device; option with F/FA/FB heads, first/last needle)           |
| Twist direction (W head)       | Direction in which the effect yarn bobbin is wound around the feed thread during coiling (clockwise / counter-clockwise).                                      |
| T8                             | Control unit with TFT screen with 8 inch visible screen diagonal   |
| Underlay material              | Stabilizing material placed underneath the work (ironing board backing material or other nonwoven)   |
| VDE directive                  | Code of practice issued by the German electrical engineering association   |
| VT xx                          | German abbreviation for an electronic component, the <b>distribution printed-circuit board</b> ; the number ( <b>xx</b> ) indicates the version                |
| W head                         | Head used for stitch types such as coiling, zig-zag, braid   |