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GCT/S MODEL 2000

SEMI-AUTOMATIC TUBESEWING UNIT

SEMI-AUTOMATIC TUBESEWING UNIT GCT/S MODEL 2000

The semiautomatic tubesewing unit class GCT/S model 2000 sews an open fabric roll max width 200cm (79") into tubular form.

TECHNICAL FEATURES

- The machine sews with minimal assistance from the operator with the following steps:
 - a) Alignment of the selvages before sewing with minimal assistance from the operator.
 - b) Seaming of the open fabric into tubular form with lockstitch sewing machine or overlock (for knits).
 - c) Edge trimming of the selvages (in case of lockstitch head) to get a constant width of the margin.
 - d) Folding and pressing of the selvedge with a set of guides for different fabric thicknesses
 - e) Rewinding of the tubular fabric in rolls or collected flat folded in a box (with a device on requests)
- Digital inverter to adjust the sewing speed up to 8.5 Mt/min depending on the stitch length
- Presettable meter counter on the touch screen panel for automatic machine stop or before finishing the thread in the bobbin (for lockstitch machine)
- Servomotors to move up and down the vertical roll support and to move forward and back the folding triangle
- PID programmable digital thermoregulator to adjust the pressing temperature of the selvedge up to 180 °C
- PLC controlled machine with a separate safety PLC to control the safety devices and equipped with complete diagnostic software to inform the operator of any possible alarm and to display instructions to restart the unit on a touch screen graphic panel

DEVICES ON REQUESTS

- GCT/JERSEY Roller feeding device for light fabrics like knits and jersey and for very heavy fabric to adjust the overfeeding of the fabric before sewing and sewing it without tension
- GCT/ FALDS Device to collect the flat folded seamed tubular in a box
- GCT/LOAD Servomotor with gearbox to lift vertically the open fabric roll support (max weight kg.50) from the horizontal loading position to avoid the fatigue of the operator
- GCT/ MOT Motor to adjust up/down the position of the vertical roll support

TECHNICAL FEATURES

- Sewing speed (adjustable) : up to 8.5 Mt/min
- Max open fabric roll : diam 30x200cm Kg.50
- Open fabric width : from 70 to 200 cm
- Rewinding shaft diameter : standard 49 mm (*other diameters available on request from 33 to 75 mm*)
- Compressed air : 6 bar
- Installed power : 1.7 kW, 400V $\pm 5\%$ 50Hz 3-phase (*other voltages on requests*)