



TECHNICAL DATA SHEET

SK3ROL-2TS

Electrically heated trapezoid-shaped roller

► DESCRIPTION

Electrically heated trapezoid-shaped roller for pregreg layer compaction and lay-out which contribute to a better elimination of air cavities from interlayer space of laminate and to reduction of the operator's labor efforts.

The temperature of the roller can be set in the temperature range from 30°C to 110°C. The axis and fork plate of the roller are made of high quality steel and the jacket of the roller is made of elastomer. The roller is equipped with an ergonomical handle as well as a flexible and elastic cable 3 m long which allows using it for large size products.

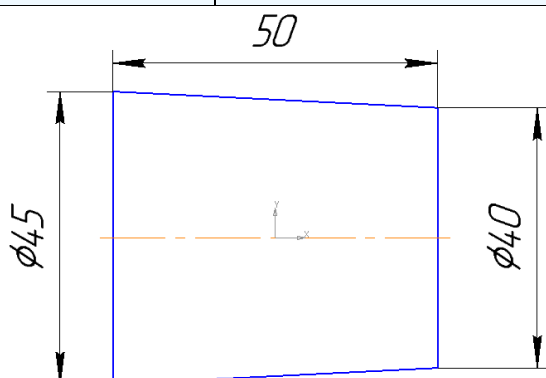
► ROLLER TECHNICAL DATA

Material type roller:	Bronze + Stainless steel
Material type roller jacket:	Silicon elastomer
Roller height with handle:	250 mm
Power:	200 W
Thermosensor in the roller:	PT100
Cable length:	3 m
Voltage:	230 V
Electric current:	0,9 A



► SIZE

Reference for order	Roller diameter without jacket	Roller width
SK3ROL-2W50TS	40 mm x 45 mm	50 mm
SK3ROL-2W86TS	40 mm x 45 mm	86 mm



Pic.1 : SK3ROL-2W50TS



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The roller is supplied with a remote compact thermocontroller PID R08 S/L/1000/230/TBF in a plastic frame with a control board and a digital display showing the preset and real temperature values.

The thermocontroller is equipped with temperature automatic control functions preventing the overheating of the roller and a function of visual warning in case of trouble. There is a push button and a viewer for system restart in case of regime failure. The system is equipped with a fuse.

► THERMOCONTROLLER TECHNICAL DATA

Power:	1000 W
Voltage:	230 V
Frequency:	50 Hz
Max working temperature:	110 °C
Accuracy:	+/- 1,1 °C
Electric current:	4,5 A
Thermocontroller size:	160 mm x 120 mm x 260 mm