

TECHNICAL DATA SHEET

SK3ROL-2ST

Electrically heated cylinder-shaped roller

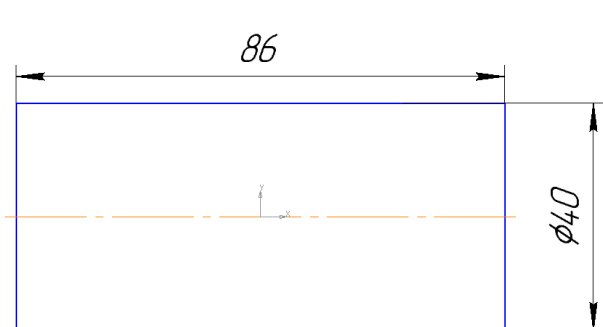
Electrically heated cylinder-shaped roller for prepreg layer compaction and lay-out which contribute to a better elimination of air cavities from interlayer space of laminate and to reduction of the operator's labor efforts.

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.

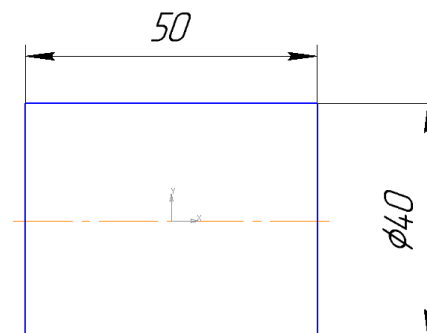


ROLLER TECHNICAL DATA	VALUE
Material type roller	Bronze + Stainless steel
Material type roller jacket	Silicon elastomer
Roller height with handle	250 mm
Power	200 W
Thermosensor in the roller	PT100
Cable length	3 m
Voltage	230 V
Electric current	0,9 A

SIZE	ROLLER DIAMETER WITHOUT JACKET	ROLLER WIDTH
SK3ROL-2W50ST	40 mm	50 mm
SK3ROL-2W86ST	40 mm	86 mm



Pic.1 : SK3ROL-2W50ST



Pic.2 : SK3ROL-2W86ST

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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	VALUE
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 20 mm x 260 mm

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