



VICERA CST-SANDING MACHINE – USER MANUAL

INTRODUCTION

Vicera's CST-sanding machine is designed especially for medium and high voltage cable cross-linked insulation (XLPE or PEX) and semiconducting insulation screen edge sanding and polishing. Sanding machine applies to other materials such as metal pipe sanding as well. With CST sanding machine you can perform the job faster with better surface smoothness. Tool is completely safe and less physically demanding when used in appropriate way.

GENERAL INFORMATION

CST sanding machine has 10 mm attachment shaft for the electric drill's adjustable socket. It is recommended to use the electric drill which rpm is 1700-3500 rpm/ min to ensure better smoothness. Keep the sand paper in 90 degrees angle to the cable insulation or other surface to maintain the smoothness and to avoid the sand paper touching to the machine's body and falling away from the wheel. Vacuum cleaner attachments inner diameter is 31,3-33,0mm and outer diameter is 35,0-35,6mm.

CABLE SANDING

Start the cable insulation and insulation screen sanding with rougher paper grain, e.g. P180 tai P240 depending on the surface smoothness after insulation screen peeling tool. In case of residues of bonded semiconducting screen on the insulation or insulation surface has greater sharp edges, it is recommended to use piece of glass or Alroc GRI-RTE -scraper (snro: 64 494 00).

Use each sand paper grain until the surface is smooth overall. Change the sand paper to a finer one (P180→P240, P240→P320, P320→P400), until you reach the required smoothness stated in the accessory installation instruction. Commonly required smoothness is reached by P240 for medium voltage accessories and P320 or P400 for high voltage accessories. USE ONLY CLEAN OR NEW SAND PAPERS.

IMPORTANT!

- Use appropriate eye goggles and respirator when using sanding machine.
- Follow general safety rules.
- Use only sand papers approved by Vicera and accessory supplier to ensure the installation quality.
- Clean the sanding machine especially after sanding semiconducting or conducting materials.
- We recommend attaching a vacuum cleaner to the sanding machine.

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