



Engineering . Industry, transport of Energy, Connections

Mastering high currents

ITEC.BAR™

APPLICATION
SHEET

S13A

ELECTRIC BOOSTING FOR GLASS FURNACES



MAIN FEATURES

Electric boosting systems are widely used to provide additional heating to conventional furnaces. The main reasons are to increase the melting capacity, to improve the operational flexibility, to improve the quality or to heat the glass bath in areas poorly heated by the main heating system.

According to the types of furnaces and the purpose of the boosting, the molybdenum rod electrodes can be installed in the side walls or on the bottom of the furnace.

For optimum operation of the boosting system, the design and the quality of the supplying current line to the electrodes is an essential point.



For years, E.ITEC® has been designing, manufacturing, providing and installing complete systems for carrying the current to the boosting glass furnaces electrodes for various companies and technologies all around the world.

The design is made after a visit at site and adapted to the glass furnaces environment.

E.ITEC®'s supply includes the flexible connections to the transformer, main bus ducts, connections to the electrodes (by insulated braids, laminates or cables), electrodes clamps and related optional accessories as disconnector, current transformers, supports for flexibles and bus ducts.



A SCHEMATIC EXAMPLE OF AN ELECTRIC BOOSTING LINE

