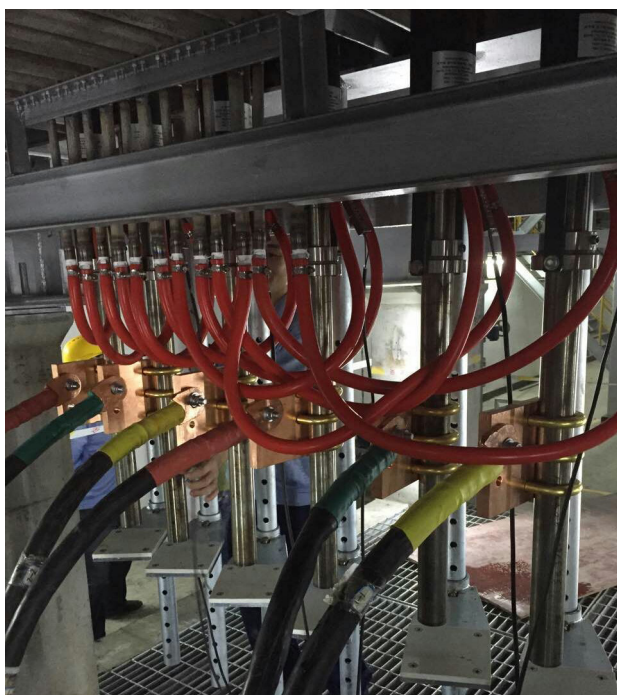


Electric Melting / Boosting



- Increased Melting Performance
- Improved Glass Quality
- Easy to apply
- Easy to operate
- Reduced NO_x, SO₂, CO₂
- Better energy efficiency

In modern glass manufacturing the batch is traditionally melted into molten glass by gas or oil as the primary heat source. Hotwork International supplies all kind of fossil melting technology.

Some Furnace designs are using only electric heat which is injected into the top, sides or bottom of the furnace by electrodes as primary heat source for melting the batch.

Hotwork International and its partner XIX Electric supply SCR Controllers, Transformers and Power System to provide highly accurate controlled power to the electrodes of the furnace.

A electric boosting system can be installed in various positions and with various functions in the furnace area. It supplies additional energy directly to the glass bath and helps to increase the melting capacity or increases the bottom temperature to improve the glass quality.

Molybdenum electrodes can be installed horizontally through the tank side walls, or vertically through the furnace bottom.

Electric boosting can be installed in an operating furnace, but installation options have to be carefully analyzed in each case.



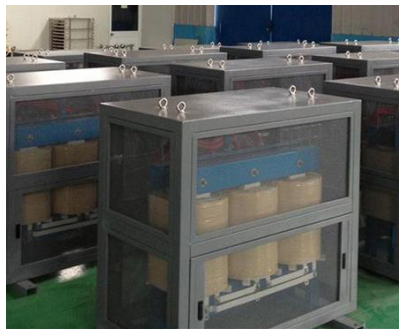
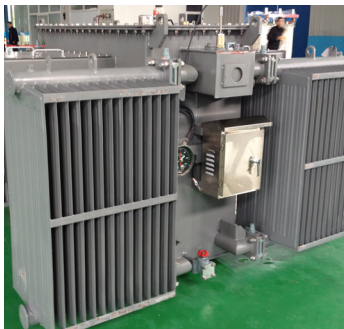
Modern 2500m2 Production Facility



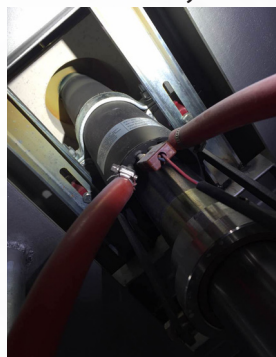
Transformer Design to final Product - all in House



Production of: Special Transformer, Bath Heating Transformer etc.



On site Installation and Maintenance - Service availability 24/7



Our Electric Melting and Boosting Technology is available for:

- Fiberglass
- Container Glass / Forehearth
- Float Glass
- Special Glass, Crystal etc.

We Design:

- Energy Distribution
- Electrode Position and Layout
- Electrical System Design
- Energy calculation for your specific case

Our Complete Supply features:

- Power Supply Transformer
- SCR Controller
- Monitoring and PLC System
- Electrode Holders
- Molybdenum Electrodes
- Design and Layout
- On Site Installation
- Start Up and Commissioning
- Maintenance and after Sales Service
- Hot Drilling and Hot Installation
- Hot Maintenance, Replacement of Holders

Our References (mid 2016):

- over 60 Installations worldwide
- over 75 Power Controls worldwide

Emergency availability 24/7
Hot Replacement
Electrode Holders in Stock
Electrodes in Stock

Swiss Quality and German Reliability complete engineering and supply



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