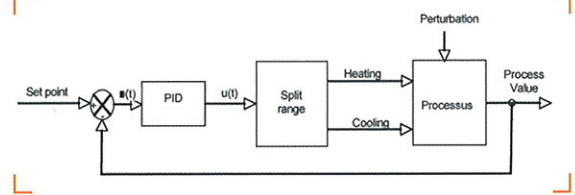
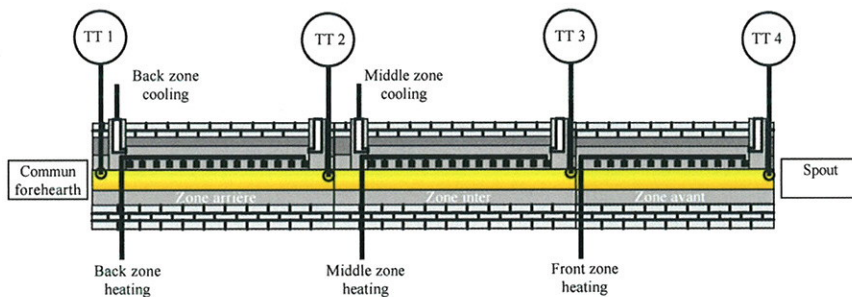


Model based predictive control

How improving the dynamic control performances and reducing the energy consumption

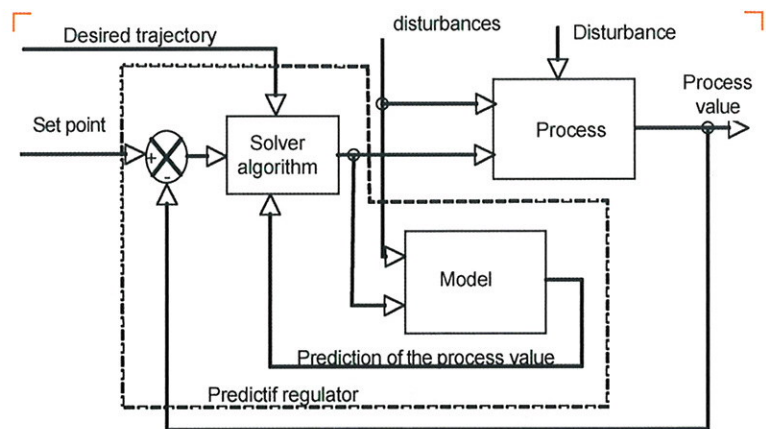
Forehearth regulation: State of the art



Predictive control

Principles of predictive control PCR

- Knowledge of the process to be controlled \Rightarrow **Mathematical model**
- Project of desired behaviour of the process \Rightarrow **Trajectory of reference**
- Action by inversion of the relation "action \Rightarrow effect" becoming "**desired effect \Rightarrow Action to be applied**"

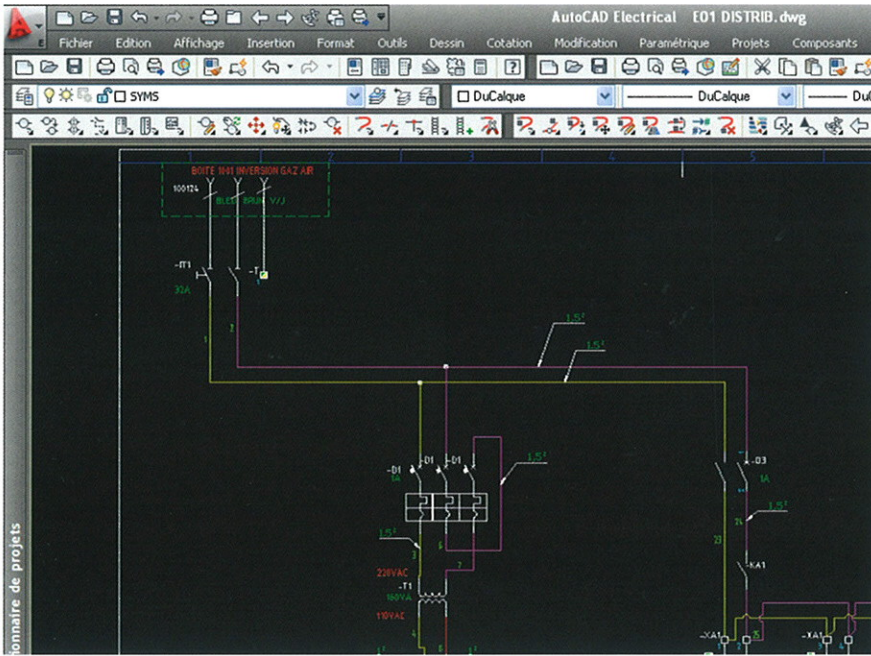


The pay-out time could be less than one year depending on the way the forehearth is controlled and operated (heating and cooling).



ELECTRICAL ENGINEERING

and services



- Power supply
- Glass furnace and forehearth control systems
- Safety of machinery
- Batch and cullet management
- Data acquisition and processing

- Greenfield project or minor modifications
- Project management
- Site commissioning



AGMS

ARC GLASS MELTING SOLUTIONS

AGMS - Arc International France Zone Industrielle Blaringhem Rue du Petit Houck - 59173 BLARINGHEM

Tel : +33 (0)3 21 95 46 75 Fax : +33 (0)3 21 95 46 44

www.agms-intl.com