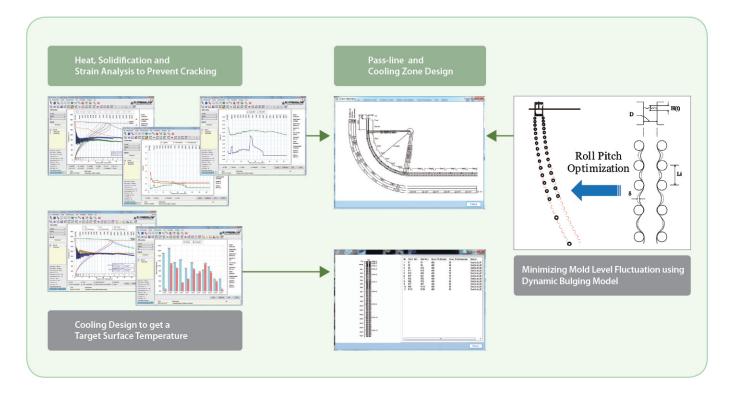


FEATURES

- Roll geometry and cooling zone design
- Coupled with process simulator (CC-MASTER)
- Roll geometry design or modification to prevent midway and transverse cracks
- Roll pitch modification to reduce mold level fluctuation due to dynamic bulging
- Checking the feasibility of and editing a roll geometry
- Useful results for roll and bearing design
- Useful results for choice of driving motor and layout of driving rolls





Basic module

- Heat Transfer Module
- Water Flux Calculation Module
- User Interface

Additional module

- Internal Crack Module
- Surface Crack Module
- Dynamic Bulging Module
- Design Toolkit

Material Database

- Thermal Properties DB
- Internal Crack Properties DB
- Surface Crack Properties DB

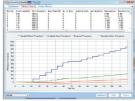
FUNCTIONS

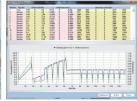
- Pass-line Visualization
- Autocad Script Export of Roll Geometry Data
- Calculation of Roll Deflection by Split Type
- Calculation of Bearing Loads

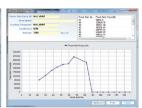
- Calculation of Withdrawal Force
- Calculation of Driving Motor Power
- Calculation of Pinch Roll Force
- Calculation of Soft Reduction Force

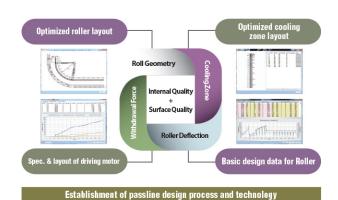


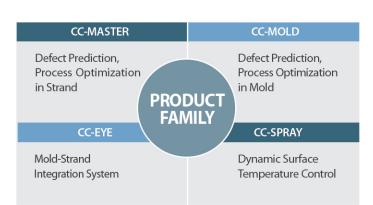














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