

Modeling and Simulation

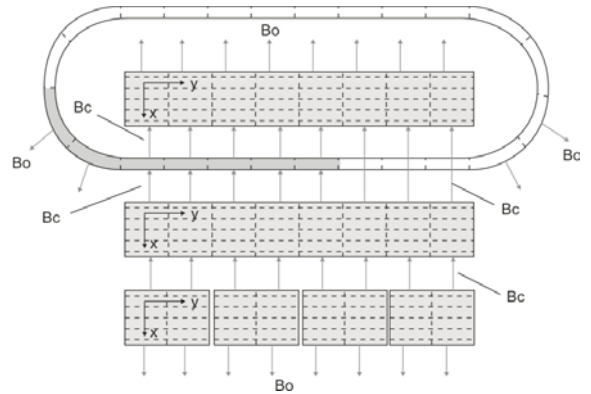
For many companies modeling and simulation of machine dynamics and machine control is required only once or twice per year. This is far too little to make an investment in knowledge or the purchase of modeling software profitable. Yet the problems have to be solved and a thus lot of time and effort is spent on hand calculations and obscure spreadsheet models. Controllab Products (CLP) provides a solution for this problem by taking over the work on modeling and simulation.

Advantages

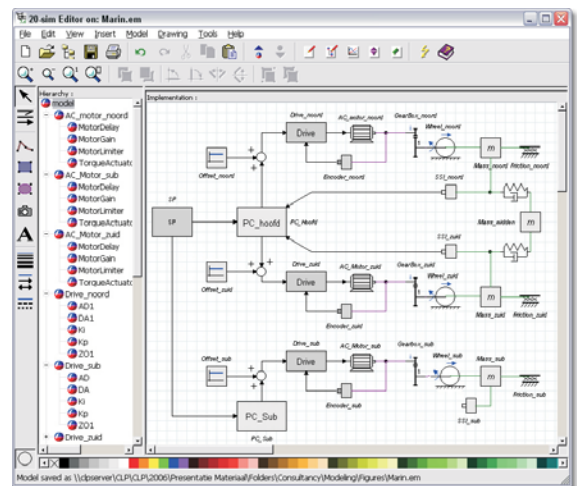
- **Experience:** CLP has over 10 years of experience in modeling and simulation. The engineers of CLP are working with models every day, for other companies as well as for the development of 20-sim. Consequently the engineers of CLP have the highest level of experience in modeling and simulation.
- **Speed:** With the use of e-mail and internet and our large experience in modeling and simulation, we can present results faster than your own employees ever could.
- **No dependency:** All models and simulations will become property of the client. After completion of the job CLP will hand over all models and simulations in any format (20-sim, Simulink, etc.) desired. This allows the client to perform any simulation that is necessary afterwards or hand over the models to other subcontractors.
- **No software purchase:** All the models that are developed by CLP will be handed over together with the free 20-sim viewer that allows you to inspect models and run simulations.
- **No educational expenses:** The engineers of CLP can perform all desired modeling and simulation tasks. This allows the client to focus on his core competences and to save investments on extra education.

Procedure

- Send us your non-disclosure agreement. We return it duly signed.
- Send the initial problem description and documentation by e-mail and we will create an offer describing the necessary work and costs.
- After your approval we will create the models and perform the necessary simulations.
- The models, simulations and documentation will be sent to you after completion of the job.



Model of the heating of paper in a copier.



Model of a towing tank.



If you want more information or customers examples, please contact:

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