

HAUK & SASKO

INGENIEURGESELLSCHAFT MBH



PRODUCTS AND SERVICES FOR BIOMASS POWER PLANTS

- Consulting in construction projects
- Automation solutions
- Integrated software systems



CONSULTING

CONSULTING SERVICES IN BIOMASS PLANT CONSTRUCTION PROJECTS

We are your partner for the construction and operation of biomass power plants. Our services include consulting, design engineering and supervising of system deployment. We develop innovative concepts and implement them in your construction project.

WE PROVIDE EXPERTISE IN THE AREAS OF

- Fuel logistics
- Logistics of by-products and wastes
- Automation of logistics processes
- Integration of weighbridge systems
- Integration of Laboratory Information Management Systems
- Compliance (emissions, hazardous waste regulations)
- Inventory and stock management
- Consumption metering
- Marketing of by-products, disposal of waste
- Automation of billing processes
- Integration of ERP systems
- Commercial and technical reporting

Benefit from our expertise in the construction and operation of power plants. Our qualified staff have been working for many years in projects for major clients such as



AUTOMATION

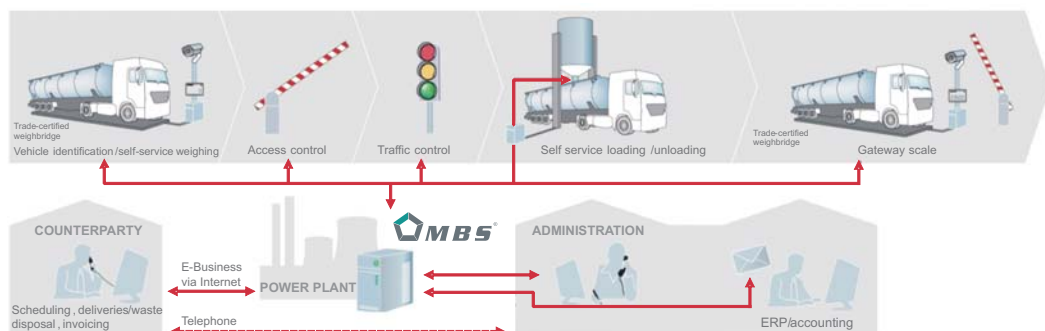
FULLY AUTOMATED LOADING/UNLOADING PROCESS

MBS uses planning and scheduling data to identify road vehicles at the power station gate. The driver registers an arrival weight of the vehicle at a certified weighbridge with a self-service terminal. The system guides the driver to the loading dock or silo which also operates as a self-service facility. At the terminal for the weighbridge, the driver receives the final weight notice and all necessary paperwork before leaving the power plant. The MBS solution for delivery and shipping automation registers incoming and outgoing materials electronically. The system integrates with commercial IT solutions to realize a fully automated system from planning to settlement.

TAKE ADVANTAGE OF THE FOLLOWING BENEFITS

- Fully integrated solution without any redundant data
- Improved transparency in operation
- Cost effective and highly automated
- Combines planning data with actual data
- Automatic assessment of individual materials
- Fully integrated IT environment
- No redundant master data
- Timely data transfer from operations to accounting

Integrated MBS solution for the automation of business and material flow.



INTEGRATION WITH SAP

As a SAP software partner, we are able to provide certified solutions for SAP customers.

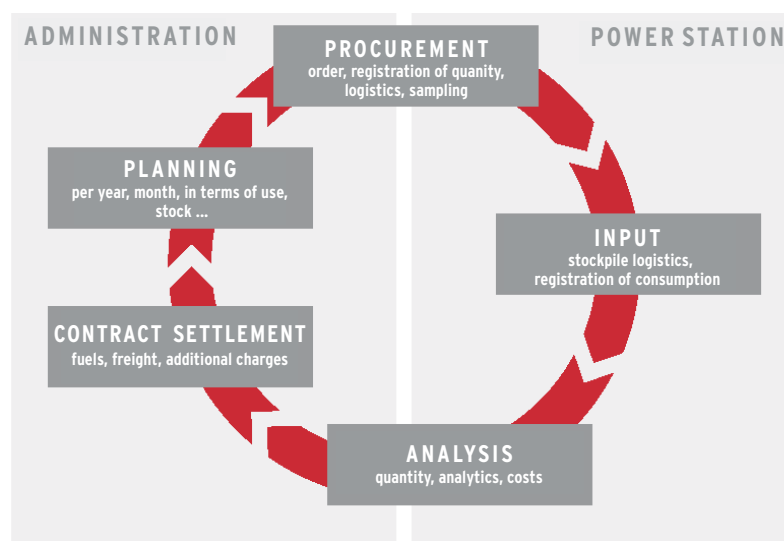


MBS® - SOFTWARE SYSTEMS

INTEGRATED SOLUTIONS FOR PRODUCTION FACILITIES

With our product MBS, we offer a comprehensive software solution for material flow management in your biomass power plant.

MBS covers material flow from planning to contract settlement - from the source to the end customer. All calculations take place in real time based on the best available data.



TAKE ADVANTAGE OF THE FOLLOWING BENEFITS

- Holistic solution for all resulting material flows
- Technical and business data in one system
- All business processes are in an integrated system
- Suitable for individual power plants and large power plants
- Access to current information such as contracts, purchase orders, stock holdings, supplies, consumption, etc.
- Improved reporting

WOULD YOU LIKE TO LEARN MORE?

Then have a look at our homepage www.hauk-sasko.de. There you will find further information about our products. Or feel free to give us a call.

HAUK & SASKO Ingenieurgesellschaft mbH

Zettachring 2 · 70567 Stuttgart · Germany · Telefon +49 (0) 711 72589-0 · Telefax +49 (0) 711 72589-50
E-Mail: vertrieb@hauk-sasko.de · Internet: www.hauk-sasko.de