

ALUMINIUM TECHNOLOGY

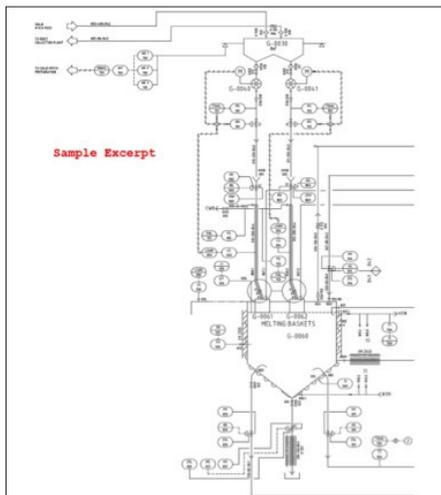


BCT PITCH MELTING PLANT (PMP)

Our unique and proprietary BCT Pitch Melting Technology is equipped with a dynamic melting process. Solid pitch is melted by whirling hot liquid pitch. We are offering the full scope of a fully automated and continuous BCT Pitch Melting Plant. It starts with a fully automated Big Bag unloading station up to the final storage transfer via a flexible distribution system for individual charging of various tanks and dispatch solutions. The advanced control system allows a direct blending of different pitch qualities. This process is fully enclosed and equipped with an environmentally friendly fume treatment system.

RESULTING IN

- Very low maintenance costs
- High process availability



The HTM heated melting tank is designed to maintain the pitch temperature only. There is no additional energy input in the melting tank. No heating coils, stirrers or other mechanical devices are in contact with the liquid pitch. The energy input required to liquefy the solid pitch is transferred over a circulating external loop, which is equipped with a heat exchanger. This system is designed to control the proper pitch flow by avoiding any coking effect of the pitch. The system operates at controlled temperature and prevents cracking and degradation of pitch.

This technology allows running the process at the lowest possible temperature without glazed pitch impurity accumulation in the melting tank and therefore with significant less maintenance effort. This technology guarantees the availability of the plant operation for years without any downtime.

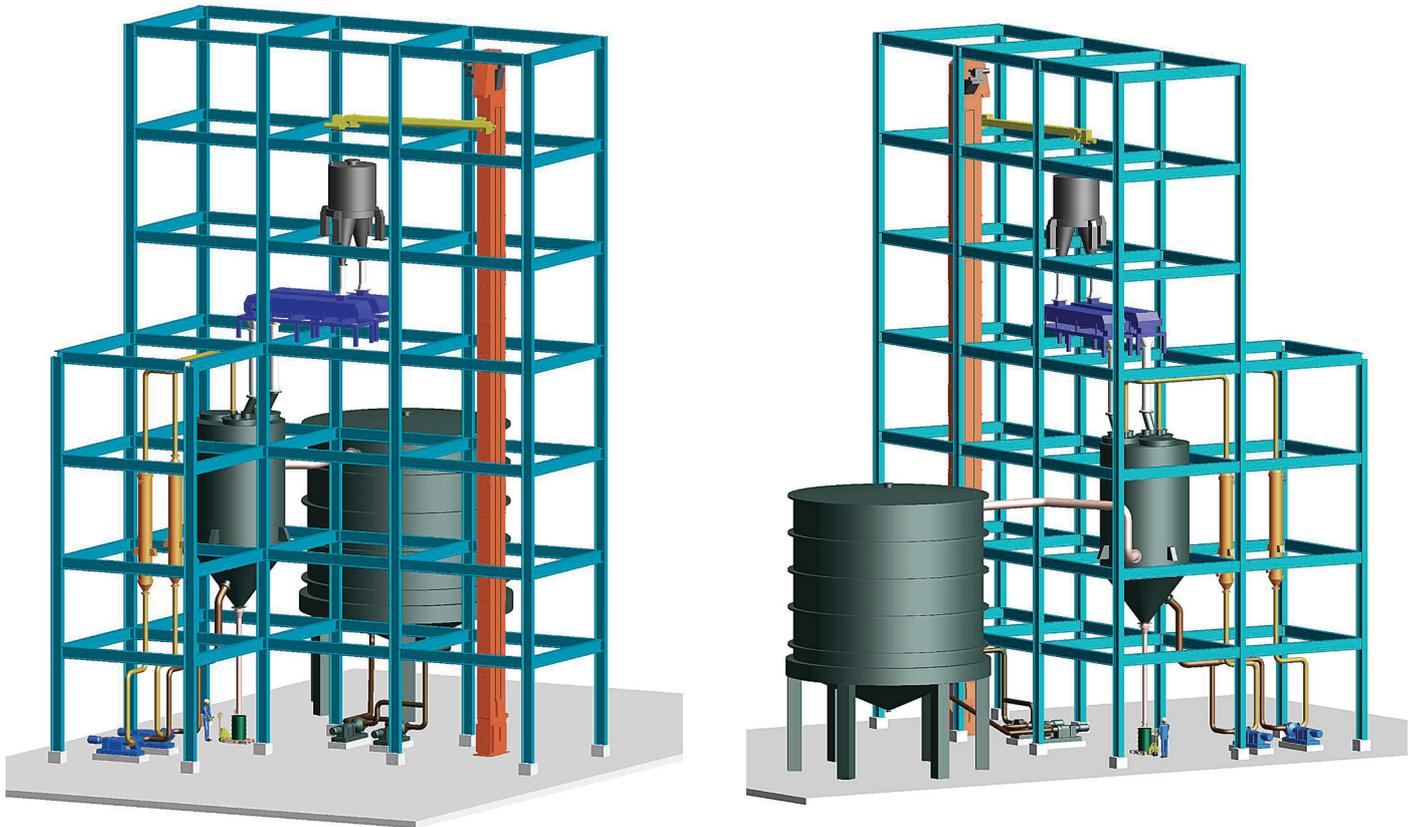
YOUR KEY BENEFITS

- No overheated surfaces / No pitch degradation
- Environmentally friendly due to enclosed system

- Very low maintenance costs. Maintenance can be executed during full operation
- Easily extendable due to modular concept
- No exposed heating coils ensuring no glazed pitch impurity accumulation
- Constant pitch quality
- Flexible and easily adjustable melting capacity
- High guaranteed plant availability
- Low operating labour requirements



Our BCT Pitch Melting Plant technology is successfully operating with proven customer satisfaction.



BCT'S SCOPE OF SERVICES & PROJECT RESPONSIBILITIES

We are providing you Basic Engineering with Key Equipment supply up to a full turn-key BCT Pitch Melting Plant with the associated services. We will guarantee you a smooth project and targeted completion time will be met.

Our scope of services includes but is not limited to:

- Initial feasibility study
- Basic and Detail Engineering
- Project Management
- State of the art Technology / Process design
- Customized Equipment and Plant supply
- Plant installation & Plant commissioning
- Process and Plant Performance Guarantees
- Training of your personnel
- Ongoing customer service support after project hand-over
- EPC project scope

BCT is committed to provide you with the best solution for your specific requirements to ensure you have the competitive edge in the market.

BUSS ChemTech

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