

SAVINGCAST

Calculation of the metal charge for melting black and nonferrous metals



Easy to Use



Operational Excellent



Reducing Cost



Optimizing Resources



Improving Quality



Sustainable Development

SavingCAST is used for determination of the optimum structure of metal charge components for melting foundry alloys, including multi-component, cast irons, steels, aluminum, copper and other alloys of the set chemical composition.

The software also takes into account waste or increase of elements in the process of fusion. The build-in optimizer can help find the best balance of the cost and chemical composition accuracy to save material cost.

Reducing The Cost of Charges Up to 25%

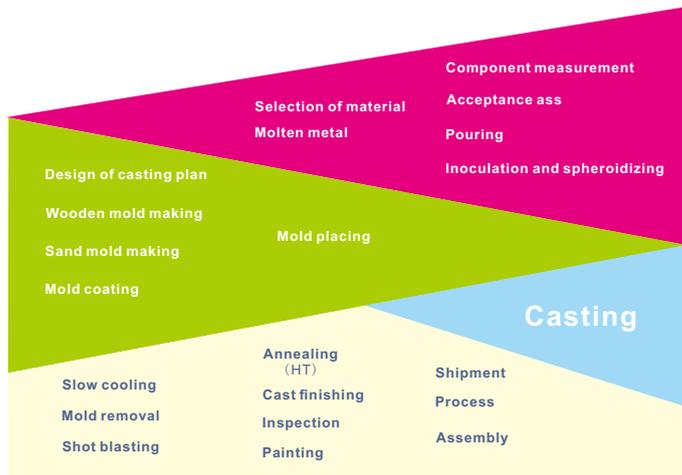
Improving Quality and Competitiveness of Your Company

Fast Response Capability to Changes



FUNCTIONAL FEATURES:

- Working with the unlimited list of charge components;
- Charge calculation for any multi-component alloys;
- Calculation of the charge optimum structure at minimum cost;
- Charge calculation on the basis of an average chemical composition of an alloy, within the limitations set by standards;
- User defined databases of alloys and charge components;
- High speed of computing processing;
- Flexible result analysis tools;
- Calculation result report transfer to MS Excel;



ADVANTAGES OF THE PROGRAM:

- Efficiency and speed of calculation within the process of production and under constantly changing assortment of charge materials and alloying additives;
- Graphics plot for the optimization result;
- With mechanical properties module, to analyze the influence of factors to final mechanical properties;
- Multilanguage interface of the software.
- Flexible business plan for the software license.

SYSTEMS INTEGRATION

SavingCAST is able to prepare any casting at optimum cost, adapting to a specific production and recording the date information. It can also be integrated into any ERP/ database and spectrometer.

MATHEMATICAL FORMUIAS MANAGEMENT

Because sometimes it is not sufficient to specify the limits of chemical elements one by one, any formula that makes relations among them will be respected by SavingCAST when optimizing castings.

SUPPORT AND TRAINING

C3P Software stands out for its high quality technical service for customer. We work with a stable and reliable system and we are aware that a production should not stop, therefore we offer updates, training and maintenance service.



About Us

With the combination of software development, advanced analysis, extensive product development experience and cost effective local human resources, C3P Engineering Software Internationa Co., Limited provide industry and manufacturing business with comprehensive solutions and engineering services on a global basis to meet their expectation in high quality, on-schedule delivery within cost target. Our business scope covers software development, professional engineering service and application software integration. More info please visit: www.c3p-group.com or www.cast-designer.com

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