



# CHEMICAL ANALYSIS IN COMOTOR

Analysis is of key importance when trading with non-ferrous metals. Chemical composition is an important aspect of all parts of daily business here – from contract management, inventory management, blending and risk management through to generating invoices. Without the right software support this is an arduous and error-prone undertaking. comotor delivers more control, more security and less headaches during the chemical analysis of your non-ferrous metals.

## Transparent basis for contracts

All the information for your daily trading needs is recorded in the contracts. Product specifications are particularly important: material composition, quantities, prices and tolerances for the nominal-composition.

## Pricing

A sophisticated logic takes account of basic prices, element prices, bonuses, penalties and escalators to calculate the individual price of each consignment. Based on the agreed item composition and the predefined tolerances, laboratory analyses can detect any defective elements and prices can be modified accordingly. One of comotor's strengths is its management of fixation contracts. With regard to fixed contents, appropriate fixation conditions can be recorded for each element.

## Order management: precise batch composition

Every consignment is given a unique batch number which clearly identifies the material composition in the system. Orders form the basis for invoicing, with warnings for the user if the element composition being booked is not within the predefined tolerances.

## Inventory management

Individual batches can be split or combined. Each batch is linked with the appropriate order and contract as well as the respective analysis (element composition). Stock coming into the warehouse often does not have a final price, as it has not undergone its final analysis,

or the price fixation cannot be completed yet. If so wished, comotor can also generate an approximate price by e.g. calculating a cost price, taking the current market price and the expected composition into account. This becomes more and more accurate by means of price fixations or further analyses. Thanks to the guidance of the element composition, the system can not only display the warehouse report with regard to inventory but also show the element stock and its current average cost price for each storage location and / or material group.

## Blending

In the metal trading business it is not unusual for alloys that are needed to be unavailable. In such cases the necessary materials are then mixed together until the material composition that is required is completed. Such manufacturing processes are also known as blends and are carried out in comotor according to recipes with predefined element compositions. comotor can also help by simulating paper blends which saves on complex calculations.

## Risk management

It is essential to keep an eye on your risks in the raw materials trade. In comotor the price risk is monitored in real time. For every metal that is wanted, the amount of risk is determined based on the recorded amounts of metal and the chemical composition set out in contracts, orders, storage locations, invoices etc.