

## LESS EXPENDITURES BETTER CASHFLOW

## RECYCLING OF COPPER MOULD TUBES

Sustainable management of raw material has always been a significant factor in the industrial economy. Same as for the steel plants worldwide, it is the target of KME Special Products \& Solutions to maintain a high level of sustainability and recycling for all raw materials. Especially for copper material, which can be recycled by $100 \%$, it is worth it to take a deeper look on the recycling potentials.

KME SPS would like to increase the focus on recycling of scrap copper mould tubes and propose a smart solution, which provides multiple benefits to our customers. The conversion of scrap copper mould tubes to new mould tubes is line with the common idea of sustainable management of raw materials for all parties involved.

## CHALLENGE FOR KME SPS CUSTOMERS:

- Increased capital commitment due to increasing copper price
O.O Fluctuation of copper value due to global market volatility
- Sustainable use of raw materials


## OUR SOLUTION:

Recycling of scrap mould tubes by KME SPS
0 Replacement of scrap mould tubes by new mould tubes

## YOUR BENEFITS:

B Less cash consumption

- Green Circle / Circular Economy: Recycling of copper as raw material
- Better value for copper scrap compared to scrap dealer
- Reduced stock of scrap copper material and administration

EXAMPLE MOULD TUBE SIZE $150 \times 150$ MM:

| Weight of copper mould tube: | $90 \mathrm{~kg} / \mathrm{pc}$ |
| :--- | :--- |
| Fictitious price: | $2.500,00 € / \mathrm{pc}$ |
| LME-Copper value: | $9,00 € / \mathrm{kg}$ |
| Conversion Price*: | $1.690,00 € / \mathrm{pc}$ |
| Optimization potential for the customer: | $810,00 € / \mathrm{pc}$ |

## PROCEDURE

(1.) Customer collect used mould tubes of KME origin.
2. The scrap mould tubes are cleaned from steel scraps.
3. Customer delivars used mould tubes to KME Basis.
4. KME opens an individual metal account.
5. The weight of the scrap mould tubes will be credited to the account.
 kg , the balance of the metal account will be deducted by 110 kg
8. The copper poration (weight) of the new tubes will be deducted from the metal account.
(10.) The new products will be invoiced according to the "conversionprice".
(11.) Customer will start to collect scrap mould tubes again.
(7. The scrap mould tubes will be reccycled at KME.
6. The credit is only booked as weight (in kg ), no value in any other currency.

(12.) A statement with the new metal account balance is issued.
13.) New products will be dispatched.

