

# Innovate

Since 1917, the employees of I. Schumann & Co. have dedicated themselves to responsible recycling of secondary scrap metal by developing innovative products and services for the foundry industry.

With the Induct-o-melt® pellets, I. Schumann & Co. has created a product that has revolutionized the brass and bronze foundry industry. A proven and comprehensive cost cutting system, Induct-o-melt pellets will:

- *Improve manufacturing productivity by optimizing your melt equipment*
- *Control molten bath chemistry through our consistent homogeneous solid metal chemistry*
- *Improve molten metal yields with lower emissions and less dross*
- *Reduce man hours/ton as production and yields increase*
- *Reduce the loss of BTUs during charge additions in channel furnace applications*
- *Fill voids as solid returns are charged into coreless induction furnaces offering a dense charge for quicker turnaround*
- *Improve refractory life and reduce hot spots*

## A Promising Future Built On A Solid Past



In 1917, Israel Schumann built a company dedicated to servicing the foundry industry... and delivering uncompromised results. Today, I. Schumann & Co. remains an industry leader with the same commitment to quality and service through the leadership of the third and fourth generation Schumann family.



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## I. Schumann & Co.

# Induct-o-melt® Pellets



**SCHUMANN**  
Innovators since 1917

## Pellets Driving Profits

Developed to achieve labor-saving, cost-cutting efficiency in your foundry, Induct-o-melt brass and bronze pellets are ideal for high-production operations with electric-induction furnaces.

This industry-exclusive product from I. Schumann & Co. makes it possible to bulk store, bulk handle and bulk charge copper-base alloys by means of bins, hoppers and launders while replacing the labor-intensive work associated with a standard charge.



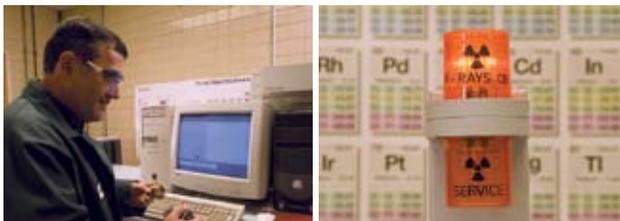
29  
**Cu**  
Copper



## Cleaner. Safer. Better.

A cleaner melt bath, reduced fugitive emissions and less dross will provide a healthier work place for employees. The reduced fumes result in lower risk of exposure for foundry employees and a greater zinc integrity in the alloy. In addition, I. Schumann & Co. is ANSI/ISO/ASQ/Q9001: 2000 certified, ensuring only the best products to our customers.

Designed to enhance and improve your foundry's operations, Induct-o-melt pellet surfaces are mechanically polished offering reduced oxides for a cleaner melt. With a 15-percent quicker melt time and 25-percent reduced slag production, Induct-o-melt pellets return immediate, measurable profits.



## Innovations Driving The Industry

Induct-o-melt pellets are the new industry standard for making foundry castings. The future is here with I. Schumann & Co.'s Induct-o-melt pellets. Let our products solve your casting and cost challenges and allow our company to demonstrate the ergonomic and productivity advantages of Induct-o-melt pellets in your melting operation.

