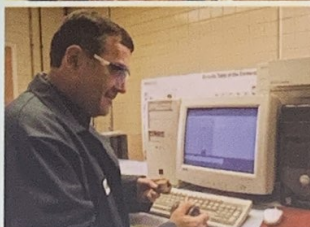


I. Schumann & Co.

Ingots Making Through Responsible Recycling



SCHUMANN
Innovators since 1917

A Promising Future Built On A Solid Past

In 1917, Israel Schumann built a company dedicated to responsible recycling of secondary scrap metal, servicing the foundry industry... and delivering uncompromised results. Today, I. Schumann & Co. remains an industry leader with the same commitment to quality and service.

The legacy and founding spirit of Israel Schumann lives on through the leadership of the Schumann family. Under their management, the third and fourth generations have more than 200 years combined experience with the company.



THE EXECUTIVE
TEAM OF
I. SCHUMANN &
CO. HAVE MORE
THAN 200 YEARS
OF EXPERIENCE IN
THE RECYCLING
INDUSTRY.

The I. Schumann Standard

Our Philosophy: Embrace the founding spirit that is our legacy of exceeding expectations. Value, service and quality are reflected through our commitment of continuous improvement to our employees and our industry. Our quest to bring better products to market provides technical and scientific advantages. Our spirit of evolution is perpetual as we learn and improve daily.

Value Through Quality: The drive for value, service and quality extends to every aspect of our work. Recognized by our dedication to quality with ISO Certification, the quality policy and priority initiatives of I. Schumann & Co. are to:

- *Build and maintain our financial strength*
- *Deliver superior customer support*
- *Provide a wide variety of products and services to meet our customers' individual needs*

1917	1928	1934	1941	1946	1954	1955	1957	1964	1967	1968
Patriarch Israel Schumann opens I. Schumann & Co. in Cleveland, Ohio	Sam (Bud) E. Schumann joins his father in the family business.	Irving Schumann joins his father and brother at I. Schumann & Co. and facility moves to East 94th St. in Cleveland	I. Schumann & Co. expands and moves to a new East 55th St. location in Cleveland	I. Schumann & Co. builds a new facility on Bradley Rd. in Cleveland	Mark P. Schumann, Bud's son, joins I. Schumann & Co.	I. Schumann & Co. develops the industry exclusive bronze alloy pellets, known as Iodur to Melt pellets.	Michael A. Schumann, Irving's son, joins the company.	I. Schumann & Co. invents the Controlled Process (C.P.) a bottom poured smooth top round.	I. Schumann & Co. builds new state of the art long lasting plant in the southeastern Cleveland suburb of Bedford.	I. Schumann & Co. becomes wholly owned subsidiary of Ogden Corporation a publicly held company, and begins operations in new facility. Irving's son, Michael A. Schumann, joins the company.

Delivering Innovation Since 1917



I. Schumann & Co. manufactures and stocks proprietary, CDA and ASTM specification alloys of brass and bronze ingots and Induct-o-melt® pellets. Other value-added services available from I. Schumann & Co. include:

- *Metallurgical and technical services*
- *Participating member of the Inter-Laboratory Analysis Program providing certification of analysis for foundry standards*
- *Chemical and physical testing in the latest laboratory facilities*
- *In-depth research and development with portable technical field consulting services*



I. Schumann & Co. revolutionized the industry by inventing brass and bronze pellets for foundry consumption. Our pellets result in improved melt efficiencies and easier material handling to increase the cost effectiveness of foundries with electric induction and channel furnaces.

Our Quest


By providing a wide variety of products and specialized services, I. Schumann & Co. is determined to provide customers with cost-effective products and services.

As an industry leader, the goal of I. Schumann & Co. is to exceed expectations. We deliver strength, value, service and quality, and we are committed to innovation that better serves our customers.

We strive to enhance our capabilities and grow through the mission of the founder, Israel Schumann.



1970	1978	1980	1982	1985	1986	1992	2000	2001	2004	Present
Mark Schumann is named president	The third generation Schumann family repurchases I. Schumann & Co. from Ogeco and returns it to a privately held company	Anthony I. Schumann, Mark's son, joins the company. This marks the fourth generation of Schumanns to join the company	David M. Schumann, Mark's son, joins the company	I. Schumann & Co. partners to form Conversion Resources, Inc. (CRI)	I. Schumann & Co. opens a foundry in Warrenton, Oregon	I. Schumann & Co. and CRI acquire Warrenton Resources, Inc. a foundry and metal casting company	I. Schumann & Co. leads a consortium of trade associations, foundries and metal makers to invent a new non-oxidized brass alloy known as Evero	Company recognized with ISO Quality Certification (ANSI/ISO/ASQ Q9001:2000) Betsy Schumann, David's daughter, joins the company	I. Schumann & Co. opens an electronic scrap recycling company, Evero Electronics	The fourth generation Schumann family makes its mark on the family-held company



7 (Ar) 3d ¹⁰ 4s ²	49 Gallium 69.72 (Ar) 3d ¹⁰ 4s ² 4p ¹	50 Tin 118.71 (Kr) 4d ¹⁰ 5s ² 5p ²	51 Antimony 121.76 (Kr) 4d ¹⁰ 5s ² 5p ³	52 Tellurium 127.60 (Kr) 4d ¹⁰ 5s ² 5p ⁴	53 Iodine 126.90 (Kr) 4d ¹⁰ 5s ² 5p ⁵
80 Mercury 200.59 (Xe) 4f ¹⁴ 5d ¹⁰ 6s ²	81 Thallium 204.38 (Xe) 4f ¹⁴ 5d ¹⁰ 6s ² 6p ¹	82 Lead 207.2 (Xe) 4f ¹⁴ 5d ¹⁰ 6s ² 6p ²	83 Bismuth 208.98 (Xe) 4f ¹⁴ 5d ¹⁰ 6s ² 6p ³	84 Polonium 209 (Xe) 4f ¹⁴ 5d ¹⁰ 6s ² 6p ⁴	85 Astatine 210 (Xe) 4f ¹⁴ 5d ¹⁰ 6s ² 6p ⁵

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