

**Key Sales & Acquisitions that Shaped Arnold Magnetic Technologies** 

Arnold Founded 1895

Indiana General 1908

**General Ceramics** 

Memories & Magnetics

Memories and Magnetics.

Samarium Cobalt

magnets (SmCo) in Valparaiso, IN.

Pechiney/UGIMAG

IG Technologies

IG/Recoma Merger

Indiana General Corp is acquired by Electronic

Indiana General begins production of rare earth

RECOMA Inc was acquired by Pechiney and became part of the French magnet producer UGIMAG.

Indiana General bought by its GM, John A Johnson

and renamed IG Technologies. Became the first

company to produce Neodymium magnets and established a subsidiary in the UK

IG Technologies was acquired by RECOMA Inc. The companies merged in 1991 and became

Arnold strategically aligned with Pyroferric Intl to market their iron powder cores alongside Arnold's

own powder cores they had produced since 1948.

Arnold formed a 50-50 partnership with National Magnetics in Calilfornia to produce soft magnetic

Recoma and Incor for SmCo and Cunife.

UGIMAG Inc, a member of Carbone Lorraine Group with plants in Indiana, New Jersey and Singapore. Produced trade name products: Ugimax for Neo,

1959

1969

1976

1980

1983

1989

1991

1993

1996

1997

2004

2007

Indiana General founded and begins producing ALNICO magnets in Valparaiso, IN.

Bion J. Arnold founded Arnold Electric Power Station Company, and patented the first magnetic clutch. "The Arnold Magnetic Clutch" in 1898.

Arnold Engineering 1924

Company renamed "The Arnold Engineering Company and began producing ALNICO in Marengo, IL in 1935

Allegheny Ludlum 1946

Allegheny Ludlum Steel Corporation purchased Arnold Engineering. Robert Arnold continued as president, and became a vice president of Allegheny Ludlum.

Ogallala Electronics 1967

Arnold Engineering purchased Ogallala Electronics Manufacturing in Ogallala, NE, manufacturing high power coils and solenoids.

Brown Boveri Cie 1972 Brown Boveri Cie Switzerland launches the first rare earth production in Europe, trademarks the name Recoma® (Rare Earth Cobalt Magnets). Originally founded in 1891, today, Brown Boveri is known as ABB.

RECOMA Inc 1976

Brown Boyeri RECOMA Inc is founded in Fairfield, New Jersey. AKA: the Boonton plant.

Flexmag Founded 1981

Dynacast

1989

What would become one of the world's largest manufacturers of printable flexible magnet sheets, strips and extrusions was founded in a house in Marietta, OH.

SPS Technologies 1986 SPS purchased Arnold from Allegheny Intl. Arnold

Engineering became Group Arnold, then Arnold, the Magnetic Products Group of SPS.

Flexmag purchased by Dynacast D.M. Steward Mfg

Group Arnold acquired the Hard Ferrite Slice/Dice business of D.M. Steward Manufacturing in Chattanooga, TN. Most of that business was integrated into Ogallala.

Minnesota Mining 1992

Flexmag Industries

RJF International 1997

Arnold acquired Minnesota Mining and Manufacturing (3M) Company's bonded magnet business in Norfolk, NE, now part of Arnold's Flexmag business, and referred to as Flexmag West.

Arnold purchased Flexmag Industries in Marietta, OH a manufacturer of flexible bonded magnets

wound core/c-core products, called National Arnold Magnetics.

and bonded magnets.

Precision Magnetics

owned by Archibald Cox Jr.

business to Marengo.

Magnequench divests Permanent Magnet Group which in 2005 became Precision Magnetics LLC,

**Arnold acquires Precision Mag** 

Assemblies to Sheffield, and the Cast Alnico

National Magnetics

Pyroferric Intl

Swift-Levick Arnold acquired Swift-Levick Magnets Ltd of Derbyshire, England from Outokumpu Oy, a major European manufacturer of Cast Alnico and

from Dynacast Inc, along with Dynacast's injection Samarium Cobalt permanent magnets. SW was molded magnet business founded in 1883.

Magnetic Technologies Arnold acquired Magnetic Technologies Corporation headquartered in Rochester, NY.

**Jade Magnetics** Arnold formed joint venture with Green Cartridge Company in Shenzhen, China called Jade Magnetics to manufacture magnetic assemblies

Arnold acquired RJF International's bonded magnet business located in Cincinnati, OH, and merged it into Flexmag in Marietta, positioning Flexmag as the largest manufacturer of flexible bonded magnets in North America.

Premier Microwave 1998 Arnold acquired the wound solenoid business of Premier Microwave and consolidated into Ogallala Electronics, establishing Ogallala as the leading

manufactuer of foil wound solenoids in North America

Magnequench 2000 UGIMAG Inc was acquired by Magnequench.

The Valparaiso plant closed in 2003, Neo production was transfered to Asia. Magnequench produced RECOMA in Lupfig, Switzerland, Sheffield, UK, and Wayne, New Jersey and was known as Magnequench Permanent Magnet Group.

**①** Audax acquires Group Arnold 2005 Precision Cast Parts acquired SPS Technologies in 2003 and sold the Magnetics Group to Audax Group in 2005. 0 Arnold changed name to Arnold Magnetic Technologies

Ganzhou Mine 2007 Arnold Magnetic Technologies AG of Lupfig,

Switzerland developed joint venture with GQD in China for the production of Samarium Cobalt and other rare earth raw materials and blocks for the Asian market.

Arnold acquired ownership of Jade Magnetics in China.

Compass (CODI) acquires Arnold 2012

*ARNOLD*° **MAGNETIC TECHNOLOGIES** www.ArnoldMagnetics.com **Today** 

Arnold maintains ten manufacturing facilities plus their joint venture.

2019

PMAG Division Lupfig, CH Marengo, IL, USA Ogallala, NE, USA Rochester, NY, USA\* Madison, WI Sheffield, UK Shenzhen, CN

Precision Thin Metals Division Marengo, IL, USA

Flexmag Division (East) Marietta, OH, USA (West) Norfolk, NE, USA

For more about Arnold's history,

visit our website's About page

Joint Venture - Mine Ganzhou, CN

\* Headquarters

under Bion's son Robert.

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Indiana General merged with General Ceramics in Keasbey, NJ to form Indiana General Corporation, manufacturing ALNICO and hard Ferrite magnets.

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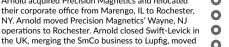
















Compass Diversified Holdings (CODI) purchased a majority interest in Arnold Magnetic Technologies from Audax.