POWDER COATING
THE AUTHORITY SINCE 1990
April 2018

MASTER GUIDE
to the Powder Coating Market

Conveyors & Related Equipment
Belco Industries, Inc.
Digilube Systems, Inc.
Vac-U-Max

Dust Collection & Filters
Vac-U-Max

Environmental Rooms
Belco Industries, Inc.

Extruders & Related Equipment
Belco Industries, Inc.

Feeders
Vac-U-Max

Hooks & Racks
Steelman Industries, Inc.

Lab Equipment
Fischer Technology, Inc.

Ovens & Related Equipment
Belco Industries, Inc.
Pollution Control Products Co.
Steelman Industries, Inc.

Powder Coatings
Belco Industries, Inc.
Digilube Systems, Inc.
Prismatic Powders
Steelman Industries, Inc.

Pretreatment (Chemicals/washers)
Belco Industries, Inc.

Spray Booths
Belco Industries, Inc.

Stripping
Pollution Control Products Co.
Steelman Industries, Inc.

Test Equipment for Coaters
Fischer Technology, Inc.

Turnkey Suppliers
Belco Industries, Inc.

Vacuum Cleaners
Vac-U-Max
CORPORATE DESCRIPTION

Founded in 1992, APC originated as a custom powder paint manufacturer in Illinois. APC is a family owned and operated company by Dave and Brett Suvagia who together have over 50 years of experience in both formulation and manufacturing of Powder Coatings. Our goal is to provide premium quality with fast and reliable service to OEMs and custom coaters. APC has been recognized as one of the most reliable sources for powder paints offering high quality coatings with excellent customer service and competitive pricing.

INDUSTRIES SERVED

APC serves the architectural, appliance, automotive, construction, lawn and garden, medical, furniture, point of purchase, and other general metal finishing industries. For its OEM customers, APC provides a stocking program for JIT needs. For its custom coaters, a color card is available displaying numerous colors in a variety of chemistries and finishes. APC is also the leader in manufacturing custom formulations with one week lead-time.

TECHNOLOGY

APC manufactures powder coatings in epoxy, hybrid, polyester/TGIC, polyester/HAA, acrylic, and urethane resin chemistries. It also offers formulations that comply to AAMA 2603 and AAMA 2604 specifications. A full line of bonded metallics are available. Powder coatings are supplied in a variety of finishes from smooth in all gloss ranges to a variety of textures such as wrinkles, sandpaper, peel and hammer tones. APC originated as a custom manufacturer where powder paints are designed to meet individual customer requirements.

TECHNICAL SERVICES

APC staff offers friendly and knowledgeable customer service team. During sales visits, complete line audits are available helping customers to fully understand their coating operation while implementing corrective action plans to improve overall coating efficiency. Line audits include advice on racking of parts, pretreatment, ground check, gun set-up and cure analysis. In addition, MEK, impact, cross hatch, gloss readings and film thicknesses are also provided. This audit is done to ensure customers meet their customer’s coating requirements. APC also provides technical seminars on both application and formulation of powder coatings. Custom color matching is available in 3-5 days. APC has a state-of-the-art facility in St. Charles, IL with six production lines with daily capacity of over 250,000 lbs. APC is ISO 9001:2015 compliant.
NEARLY 60 YEARS OF EXCELLENCE

CORPORATE DESCRIPTION
Since 1959, Belco Industries, Inc. has grown to become one of the most skilled and trusted suppliers of turnkey powder coating systems and equipment and we do it all under one roof. From design to manufacturing and installation to service, Belco delivers quality products and top-of-the-line service every step of the way.

We’ve completed thousands of projects for customers around the world and are known for our ability to respond to the growing and ever-changing needs and demands of the paint finish industry, as well as our diverse product line, including washers, ovens, paint spray booths, air make-up units and more.

Manufacturers of metal furniture, automotive components and other metal parts know that with Belco, they receive not only excellent products and service, but also the peace of mind that comes with years of experience.

MARKETS SERVED
Belco provides finishing system solutions for customers in a wide spectrum of industries, including but not limited to:
- Aluminum Extrusion
- Appliance
- Automotive
- Custom Coaters
- Farm Equipment
- Furniture
- Material Handling
- Job Shops
- Recreational Vehicle

FACILITIES
Headquartered in Belding, Michigan where it all began, our office houses sales, engineering, accounting, administrative and management personnel. Our manufacturing floor space equals approximately 75,000 square feet. We employ over 100 people with diverse skills and backgrounds and find that our experience blends well with fresh, new ideas resulting in superior, dependable equipment for our customers.

TECHNOLOGIES
Belco provides finishing system solutions for the powder coating industry, as well as liquid, aqueous (autophoretic) and E-coating operations. We strive to utilize the latest in pretreatment technologies, drying, and curing to provide our customers with effective, productive and efficient system solutions.

TECHNICAL SERVICES
Belco provides complete design, manufacturing and installation support with the highest levels of personalized service to assure that your project is produced on time and on budget. Our in-house engineering and design staff utilizes the latest CAD technology. The craftpersons in our manufacturing facilities build equipment with care and diligence. Our installation and support staff make it all come together on your shop floor. Belco is renowned as a company that is both a quality equipment manufacturer and one that stands behind their products.

DATE FOUNDED: 1959

CURRENT EMPLOYEES: 125

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Corporation Description

Founded in 1981 by David Hamilton, Digilube Systems, Inc. has been doing business for nearly 40 years as a U.S. manufacturer of programmable microprocessor-based lubrication systems. These systems are programmed to give the right amount of lubricant at the right time to maximize conveyor chain wear without dripping on product below.

In addition, Digilube is also a blender of high temperature dry film, thin film and synthetic lubricants that will meet the needs of the most demanding applications.

Digilube also provides product design, installation, and 24/7 Maintenance Service therefore delivering a full turnkey approach to our customers. Our experienced Service Technicians are available to make sure our customers’ lubrication system(s) are in optimum working condition.

Furthermore, Digilube is a supplier of single-point and multiple point grease lubrication equipment and pneumatic equipment that provides clean, dry compressed air.

Markets Served

Our products are used in many different manufacturing sectors, such as Appliance, Automotive, Food, Poultry Processing, Steel Production, Consumer Goods, Power Utilities and most noteworthy, the Powder Coating Industry.

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Fischer Technology is a leading specialist in solutions for coating thickness measurement, material analysis, micro-/nanoindentation testing and material testing. Fischer opened its North American manufacturing plant in Windsor, CT in 1979 with a strong commitment to continuously improve the quality of their products and services.

Markets Served and Major Products

FISCHER products are found in a broad range of industries from automotive and aerospace to electronics and precious metals. We offer a solution to virtually every coating thickness application involving plating, anodizing, powder coating, duplex, paint and more.

In today’s competitive climate it is extremely important for anyone applying coatings to adhere to the required thickness specifications. Monitoring the thickness of the coating can potentially save tens of thousands of dollars in costs. FISCHER’s non-destructive hand held coating thickness gauges and high precision probes with superior repeatability and precision surpass these requirements. Probes for coating thickness and surface profile are easily exchanged on the FMP Series of coating thickness gauges.

FISCHERSCOPE® X-ray fluorescence instruments measure the coating thickness and material analysis of materials in a broad range of applications.

The high demands of today’s surfaces and coatings that are engineered to be very hard, very thin or visco-elastic require correspondingly powerful measurement methods and systems. Make quick, precise and effective measurements of mechanical properties (hardness, modulus, creep, etc.) of these coatings, components, cross-sections treated and modified surface using our micro and nanoindentation testers.

Application Laboratory and Technical Services

More and more, demanding measurement applications require highly qualified technical support. Fischer helps its customers to meet these challenges through its applications laboratories in Connecticut and South Carolina. Qualified applications engineers and technicians from multiple locations provide personalized sales and service to customers in US, Canada and Mexico. We are also available to provide on-site support including set-up, maintenance and calibration. We can help you solve your measurement dilemmas and determine which instrument will be the right fit for your application.

A2LA ISO 17025

Fischer Technology is certified to ISO/IEC 17025:2005 by the American Association of Accreditation Laboratories, the leading, internationally accepted standard for calibration Laboratories. Accreditation by A2LA demonstrates Fischer’s continued pursuit of quality excellence. Certifications are available on a variety of instruments and standards (https://www.a2la.org/scopepdf/3576-01.pdf).

Contact us today, we would be happy to assist you in selecting the instrument best suited for your measurement application.

Date Founded

1979

Fischer Technology

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CORPORATE DESCRIPTION

The history of "Burn Off Ovens" is the history of Pollution Control Products Co. Peyton Simpson, the company’s founder, designed the first "pyrolysis" cleaning oven to help manufacturers safely and efficiently reclaim industrial parts and tooling “in compliance with the Clean Air Act of 1970.” Founded in 1971, today, Pollution Control Burn Off Ovens cover the entire field of thermal stripping and industrial cleaning. They are recognized as the industry leader with over 8,000 installations in 43 countries worldwide.

MARKETS SERVED

First used by Electric Motor Rebuilders, the PCPC Burn Off Oven was quickly adapted for use by Automotive Engine and Parts Rebuilders, Paint and Powder Coaters and Plastics, Fiber and Chemical Manufacturers. Over the years Pollution Control Burn Off Ovens have found practical and profitable applications in over 800 other industrial classifications, including the U.S. Military. Our customers include many of the world’s leading corporations, such as Westinghouse, ARCO, Volvo, Ford, Monsanto, DuPont and General Electric, as well as thousands of small shops and “Mom and Pops.”

TECHNOLOGIES

PCPC’s Burn-Off oven and its patented Controlled Pyrolysis® process cleans parts by using heat to decompose organic material into vapors and pyrolysis gases. They operate at temperatures of 600 to 900°F (315 to 482°C) inside the primary cleaning chamber. The primary heat input burner fires into a combustion chamber, which contains the flame so that only heat is discharged into the work area containing the parts. No flame actually contacts the parts. Other than the air required for combustion of the input burner fuel, no additional air is added to the oven. The reduced oxygen content prevents the parts from catching on fire. The heat causes the material to decompose into vapors and pyrolysis gases. These gases are then drawn through an afterburner operating at 1400º where they are consumed, completely eliminating any harmful emissions from being discharged out the exhaust stack into the atmosphere. Our ovens are designed to minimize operator input. Automated controls self-adjust the cycle time based upon the amount of volatile material to be destroyed. This prevents over-heating or under-heating (short cycling), and assures maximum operating efficiency and effectiveness.

TECHNICAL SERVICES

PCPC offers a full range of consulting services backed by four decades of experience and 8,000 units operating successfully in the field. We can help you evaluate your current situation and recommend appropriate solutions. Our service department is the most responsive in the industry, providing free technical advice for as long as you own your oven.

MAJOR PRODUCTS

Burn Off Ovens are our only product. We offer them in dozens of sizes and special applications and routinely create custom cleaning solutions. Our ovens allow you to safely reclaim all metal parts including paint hooks, racks, and rejected painting or coating, all processed in an environment that is safe for employees and in compliance with local EPA guidelines. For a free test cleaning or more information, please give us a call.

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PRISMATIC POWDERS

CORPORATE DESCRIPTION
Prismatic Powders offers the world’s largest selection of custom colors, with over 6500 powder coating colors to choose from. Prismatic Powders supplies powders to over 30,000 powder coating applicators worldwide. From automotive to fine furniture to private jet interiors, Prismatic Powders is the first choice when selection, quality and service matters.

MARKETS SERVED
Customers can order by the pound (no minimum quantities), including RALs, direct at PrismaticPowders.com. This, combined with fast, low-cost shipping options, allows for short project turn-around times. Also, Prismatic Powders offers free powder coating swatch samples. These powder coated aluminum swatches allow for customers to see the actual color as it is shot, instead of a printed paper sample where color can vary greatly.

FACILITIES
Ordering and reordering just got easier with the new log-in feature for new and current customers. Instantly see what items are in stock and when out of stock items will ship by. Customers have the ability to update shipping and billing information, track orders and re-order previous items all from their custom account.

AREAS OF EXCELLENCE
Prismatic Powders has created a new industry standard; any color, any quantity, anywhere in the Continental United States in 1-Day. All orders up to 12 pounds will ship within 24 hours for only $13.95, which is an instant savings of over 80% off 1-Day list rates. International shipping is just as easy, affordable and fast, with most countries receiving their powder in two to three business days. This allows for incredibly fast project completion times and gives customers access to thousands of colors world-wide.

MAJOR PRODUCTS
Prismatic Powders also has an extensive photo gallery at PrismaticPowders.com. Customers can browse over 5,000 user uploaded photos to get ideas for their next powder coating project, see the latest powder coating trends, and find the perfect color combinations.

PRISMATIC POWDERS
Visit PrismaticPowders.com to get the latest news, updates, offers & more.
CORPORATE DESCRIPTION

Steelman Industries, Inc. is the leading manufacturer of innovative Industrial Process Ovens and Burn-off Ovens. From humble beginnings in 1957, Steelman has grown to serve the global finishing markets. Our success and growth is based on providing the customer with exceptional quality products that are backed by superior service.

MARKETS SERVED

Steelman Ovens are well suited for any number of industrial processes, including, curing, pre-heating, drying, cleaning, reclaiming, etc. Specifically, Steelman serves paint and powder coaters, electric motor repair & coil-winding companies, and any entity that has a need to reclaim metal parts. Steelman ovens are valuable to coaters because of their ability to produce quality, cured finishes and the protection they provide to valuable parts in the cleaning process.

FACILITIES

In 1999, Steelman acquired new office and production facilities. This move allowed an expansion of the production and testing areas, which resulted in shorter production times and improved quality control. The plant, with administrative offices attached, is located in Kilgore, TX, two hours east of Dallas. Plant visits are always welcome.

TECHNOLOGIES

Our Curing Oven designs are engineered to produce quality finishes, while incorporating the latest safety features. Every curing oven is built with multiple safety features, and an option of a “Dry-Chemical Fire Suppression System”. Steelman’s cleaning ovens incorporate several patented technologies that make it the leader in efficiency, safety, & quality cleaning. Valuable parts are never overheated and operator error is eliminated through patented innovations.

TECHNICAL SERVICES

Steelman offers complete technical service from project initiation to completion and beyond. We help you decide which oven is best for your needs, test clean parts before you buy, and completely assemble and thoroughly test all ovens before they leave the production facility.

MAJOR PRODUCTS

We build hundreds of different oven models every year. Our Cleaning Ovens allow you to reclaim valuable parts in a safe, efficient manner that will never harm your valuable parts. Our Curing Ovens help you do what you do best, provide quality-coated products to your customers, while protecting your workers and facility.

DATE FOUNDED

1957

NUMBER OF EMPLOYEES

55

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VAC-U-MAX

CORPORATE DESCRIPTION
VAC-U-MAX is a worldwide leader in the manufacturing of pneumatic conveying components and automated bulk material handling systems for the conveying, weighing, and batching of over 10,000 bulk materials including powders, flakes, granules, pellets, fibers, capsules, gel caps, tablets, and other granular bulk materials. Additionally, product range includes heavy duty industrial vacuum cleaners, ranging from small air and electric powered drum styled units to large electric 75 to 200 horse power diesel units for plant-wide clean-up and maintenance. VAC-U-MAX experience in cleaning combustible dusts dates back over 60 years, and today VAC-U-MAX is considered a subject expert in the safe collection of combustible powders, metals, flammable liquids and pyrophoric materials.

MARKETS SERVED
VAC-U-MAX has defined leadership in bulk materials handling and industrial vacuum cleaning, applying strong application experience to process industries worldwide. Major markets served include chemical, petrochemical, food, and pharmaceutical industries, or any application requiring high volume recovery of dusts, combustible dusts, heavy metal powders, liquids, and flammable liquids.

FACILITIES
Located in Belleville, New Jersey, VAC-U-MAX occupies over 100,000 square feet (9,300 m²), including a 6,000 square foot (600 m²) material test lab with tubing runs up to 400 feet (120m²) and up to 4” (100mm) OD tubing, with conveying rates from 10 lbs/hr (4 kg/hr) to 25,000 lbs/hr (11,000 kg/hr). Vacuum producers include VAC-U-MAX venturi units, VAC-U-MAX positive displacement vacuum pumps up to 30 HP (22.5 kW), and high vacuum pumps up to 29” Hg (982 Mbar).
AREAS OF EXCELLENCE

A pioneer in vacuum pneumatic conveying, VAC-U-MAX has had many firsts, including air-powdered venturi power units, direct-loading of vacuum-tolerant process equipment, and “vertical-wall tube hopper” material receivers. Whether a process requires a single pick-up point, accuracy in batch weighing, or the sanitary design required by the food and pharmaceutical industries, VAC-U-MAX offers solid application expertise including the safe handling of dusts, combustible dusts and other materials.

PRODUCT RANGE: BULK MATERIAL HANDLING SYSTEMS & INDUSTRIAL VACUUM CLEANING

VAC-U-MAX product line includes pneumatic conveying components and system engineered solutions for the handling of dry bulk ingredients including dilute and dense phase vacuum conveying systems, multi-ingredient handling systems, batch weighing systems, bulk bag load / unload systems, bag dump stations, UL-listed control panels, electric industrial vacuum cleaners, pneumatic and fuel powered industrial vacuum cleaners, and central vacuum systems for high volume recovery of dust and various debris.

DATE FOUNDED

1954

NUMBER OF EMPLOYEES

65

VAC-U-MAX

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