

RED ARROW INDUSTRIES

BREAK THROUGH 

Plastic Recycling, Processing and Ancillary Equipment

Red Arrow Industries

+1-630-277-2096

Email: info@redarrowind.com

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Red Arrow Industries' Line Card

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BREAK THROUGH 

At [Red Arrow Industries](#) our mission is to drive down your operating costs. We accomplish this by representing a lineup of plastic processing machinery and equipment that is unmatched in reliability and performance. Our network of original equipment manufacturers (OEMs) are leaders in their respective fields because they provide solutions that generate higher rates of productivity. Leveraging the expertise of our determined OEMs creates space for you to produce higher levels of customer satisfaction and profit. Red Arrow Industries is ready to help you Break Through to the next level of manufacturing excellence from their partnerships and expertise.

RapidPurge[®]
Thermoplastic Purging Compound

[RapidPurge](#) has been the top performing purging compound for over 35 years and our products defeat the most demanding hostile thermoplastic processing challenges of carbon buildup and time consuming and costly color changeovers.



From heavy duty chemical purging to quick change mechanical purging.



[Santa Fe Machine Works](#) is a world leader for new & rebuilt Injection & Extrusion Screws, Barrels & Valves. A Family Business since 1923, we excel in offering a custom-tailored screw, barrel & valve combos allowing our Plastic Processors Throughput goals to be met. We can handle any size, material, or application for any manufacturer. Our expertise is working with our customers every step of the way, from inception to inspection of custom parts and components, just as our Great-Grandfather did over 95 years ago!



We are the single source solution for new and used screws, barrels, non-return valves and custom components for all plastic processes

 **Frigel**

[Frigel Heat Transfer Systems](#) have a decisive influence on your business and the environment around us. Improve your competitiveness and respect the environment with Intelligent Process Cooling Systems. From high-complexity automotive components to ultra-fast thin-wall packaging, this new approach covers all the needs of temperature control in molding, blow molding and extrusion.



World Leader in Non-Evaporative Fluid Coolers, portable Chillers/TCU, Air- and Water-Cooled Chillers

HB-THERM[®]

As a world leading manufacturer of temperature control equipment, [HB-Therm AG](#) has developed and produced innovative temperature control technology that meet the highest quality standards since 1967. With comprehensive expertise and a motivated workforce, the company has gained recognition as a technology leader in the industry.



High Temper Water TCUs. Up to 446F Water Only.

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VISMEC
LEADING INNOVATION

Vismec is more than simply the sum of our competences. We are born to deliver top-notch machineries that offer our clients the best performances on the market. We project, develop, and realize well-finished solutions that complies to the highest quality and efficiency standards. International experience, qualified training and continuous research are at the basis of our success. We are pioneers in design and technology, we believe in the power of our ideas, which we cultivate with dedication.



Material Drying and Conditioning. **The only dryer with VFDs for Process and Regeneration circuits.** No one is better.



Hamilton Plastics Systems develops, manufactures, distributes, and supports a wide range of plastic material conveying, blending and conditioning machinery used in the plastic processing industry. Our equipment includes Vacuum, pneumatic, and mechanical material conveying, volumetric and gravimetric blending, hot air and dehumidifying material drying, water and oil heating and cooling machinery, granulation and scrap recovery systems, silos for outside and inside material storage, product conveyors and transfer systems.



Material Loaders, bulk handling systems, silos, day and portable bins.



The **Movacolor dosing technique** is based on the in-line dosing of masterbatch, powder, regrind or liquid colorants into virgin material. Movacolor systems meet the need for high volume, quality and reliability in the dosing of masterbatch, powder, regrind and liquids for producers of PET preforms toys, household goods, automotive components, packaging, medical devices, profiles, pipes, cables, sheets, film and many other products.



In Line Dosing and Blending of additives and regrind directly into pellet stream.



For over 40 years, **TSM** supplying blending and control systems that enable companies to achieve the level of precision that their production processes demand, operating within a spirit of trust, compliance and fairness that has become our hallmark. Our blueprint for success is based on three core planks: Innovation, People and Experience – each of them feeding into a single vision of TSM being the world-leader in gravimetric blending, controls and material management.



Gravimetric Blending (**patented mixing chamber**) with four to six components and up to 11,000 lbs/hr

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[S.i.S.e Temperature Controllers](#) use high-performance Permanent Self Tuning software designed and developed by SISE, which continuously recalculates the best settings for each zone, instantly responding to any changes in process parameters. With its line of Hot Runner Temperature Controllers offering from 1 to 336 zones, SISE provides solutions suited to any mold size.



Hot Runner Temperature Controllers. 1 to 336 zones



Leading the growth and advancement of technology and innovation in plastics machinery for over 50 years, [JSW provides a full line of all-electric injection molding machines](#), ranging from 30-3000 metric tonnes and offers ease of operation, safety, and environment-friendly improvements such as energy, and space-saving features.



All Electric High Performance Injection molding machines.



[Abiman Engineering](#) is the best-in-class engineering solution providers based on its state-of-art Multi-tasking Robots in plastic injection molding industry. We are striving to meet customer expectations by holistic and seamless understanding and knowhow of plastic injection molding process. We provide the most optimum engineering solution covering all processes from first to last by value chain and process analysis.



Top and Side Entry robots and Sprue Pickers and Factory Automation



[Tria](#) has specialized in the design and manufacturing of rotary knife granulators and grinding systems for over 57 years. Our main objective is the design and manufacturing of granulators, systems and solutions which meet the high efficiency and safety requirements that are industry specific. We strive for excellence in providing outstanding products and stand by our superior craftsmanship and dedication to quality.



Size Reduction Machines and material conveyance.



Thanks to the intelligent combination of the double feed ram system and single-shaft shredder the [PureLoop plastic recycling machine](#) is able to process a very broad spectrum of different material types and forms: from heavy, free-flowing and self-feeding plastics to lightweight and large-volume materials. The high-performance ISEC evo also makes light work of processing extremely tear-resistant input material such as fibers and strapping.



Versatile Recycling Plant for Industrial Scrap

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Lindner WashTech. The system components. Recycling as a smooth process chain: this is the idea behind our standard-setting system concepts. Building on from our decades of experience in the shredding technology, we are today also that decisive step ahead in the field of washing and processing systems. We provide solutions that simply work more efficiently. Because everything is perfectly coordinated. plastics recycling equipment machinery



Washing Lines for Post Industrial and Post Consumer Plastics



ICEsonic ice blasting machines have a wide range of cleaning applications. They can be used to clean equipment without disassembly and without producing fire or electrical hazards. The EPA recommends dry ice blasting as an alternative to many types of solvent-based cleaning. ICEsonic dry ice blasting machines can clean numerous objects with differing and complex geometries.



Dry ice blasting machines, block to pellet reformers and accessories for applications large and small.



It is the mission of **MB Conveyor** to provide all the solutions required in a process line where product is collected from a production unit and conveyed until it is finally stored in dedicated containers. Our work experience in the plastics, food production, packaging, medical and metal-working sectors, have helped us to develop a philosophy focused on the creation of made-to-measure solutions, machines and systems.



Conveying Solutions for any product handling need along the production line from the machine to the container