

RED ARROW INDUSTRIES

BREAK THROUGH 

Plastic Recycling, Processing and Ancillary Equipment

Red Arrow Industries

+1-630-277-2096

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Red Arrow Industries' Line Card

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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 are dedicated to providing 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.

[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

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.

HB-THERM®



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

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.

JSW
JAPAN STEEL WORKS AMERICA, Inc.



All Electric High Performance Injection molding machines.

LS

[LS Mtron](#), leading the injection molding industry for 50 years, is a comprehensive manufacturer of injection molding machines ranging from **500 ton to 4,500 tons** in servo-hydraulic. Possessing outstanding technology and R&D capabilities, the company exports 60% of its products to over 50 countries through 32 proprietary sales and service offices located in 25 countries around the world.



Two Platen Servo Hydraulic Machines.

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YUDO-SUNS 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



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 directly into pellet stream.



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.



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.

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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.



With 250,000 control zones installed, **SISE Hot Runner Temperature Controllers** have been setting the standard world-wide. SISE technology guarantees precise and continuous control of the temperature at all points where the material passes through. Our 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.



Hot Runner Temperature Controllers offering from 2 to 336 zones



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: "No single conveyor can comply with every customer's requirements, but every requirement needs a dedicated conveyor"



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



The systems from **EREMA** are designed for a single purpose: to make plastics recycling as innovative and efficient as possible. We develop reliable machines and components that are customer and solution-oriented in every detail. For us, sustainable business goes hand-in-hand with profitable processing. Today, there are more than 5000 of our systems in operation worldwide.



Recycling Plant for Industrial and Post Consumer Scrap

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PURE LOOP
MEMBER OF EREMA GROUP

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

EREMA
PLASTIC RECYCLING SYSTEMS

PURE LOOP
MEMBER OF EREMA GROUP

Without efficient filtering it is not possible to obtain high quality recycle. This applies to all application cases in plastics recycling. That is why from the very beginning, EREMA has made this quality-decisive aspect a core element of its systems. [Perfectly implemented in innovations and partially patented filtration systems.](#) Features they all share are process consistency and maximum filtration capacity



EREMA filtration solutions.
Clean performance. Clean melt.

EREMA
PLASTIC RECYCLING SYSTEMS

PURE LOOP
MEMBER OF EREMA GROUP

The proven [EREMA hot die face pelletising systems](#) have undergone another stage of development. The focus has always been on straightforward handling and easy maintenance



Hot die face and semi submerged pelletising systems with Direct Drive technology