



Celebrating 20 years of dry ice technology and innovation

Loveland, Ohio - based Cold Jet is celebrating 20 years as the leader in dry ice blasting and dry ice production technology. The company has now expanded globally by opening two new locations.

History

1986 - Cold Jet officially opened its doors in Loveland, Ohio

1988 - First dry ice blasting product was completed.

1989 - First Integrated System was introduced.

1990 - US Air Force contract for paint stripping of aircraft (FLASHJET)

1993 - FLASHJET earned the FAA's approval

1994 - International locations in Europe and Japan were established.

1999 - Low-pressure, low-volume nozzles were created.

2000 - Introduced the Radial Feed Series blast product line.

2001 - P3000 4-cylinder Pelletizer was introduced

2002 - Introduced AeRO Series blast product line and the P325 mini-Pelletizer made its debut.

2003 - Acquisition of Alpheus, a division of CAE and opening of Cold Jet Europe Bvba in Belgium.

2004 - Cold Jet Deutschland GmbH in Weinsheim Germany opened.

2005 - Introduction of i³MicroClean precision blast system

2006 - Opened two new offices: Gulf Coast Rental facility in Louisiana and Cold Jet Canada in Cambridge, Ontario.

Locations

Cold Jet Corporate - Cincinnati, OH
Cold Jet West - Rancho Cucamonga, CA
Cold Jet Gulf Coast - New Orleans, LA
Cold Jet Canada - Cambridge ONT
Cold Jet Deutschland
Cold Jet Belgium

• www.coldjet.com

Cold Jet was founded in 1986 by Dave Moore and Newell Crane. Their goal was to create an alternative cleaning method that did not create waste, unlike existing methods such as sand, soda or plastic bead blasting.

Since then, the company has grown to over 4,000 customers and 250 different applications worldwide. It now has 20 years of experience in developing and recommending dry ice solutions to meet the needs of a large variety of industries.

Cold Jet employs a talented global support team of approximately 90 employees with a depth of knowledge and experience in the industry. The company's wide product range allows it to tailor a solution for each application and budget. It aims to meet its customers' needs by reducing operating costs, improving production quality and increasing productivity.

The company focuses its product development on flexible, mobile systems for use in the manufacturing environment. The company is currently working with a very large disaster remediation contractor (mold, fire and historical restoration) in the US.

Solutions and products for many industries

Cold Jet manufactures dry ice blasting equipment and dry ice production equipment. The industries served include: Automotive, Aerospace, Contract Cleaning, Electrical, Fire Restoration, Food and Beverage, Foundry, Historical Restoration, Mold Remediation, Plastics, Packaging, Printing, Rubber and Wood.

Dry Ice Blasting Equipment - This equipment uses dry ice pellets or shaved dry ice block to clean various surfaces. Rubber Molders use this equipment to remove release agents and rubber residue buildup from their rubber molds. Disaster remediators use it to remove mold spores from wood. Printers use it to clean/remove ink buildup from their printing presses.

The technology is developed so that the dry ice is fed from a hopper through a blast hose and out a nozzle onto the surface to be cleaned. Because dry ice in its natural state is a gas (CO₂) - it will explode upon impact and return to its natural state. This explosion is called the Thermal Shock Effect and it will lift the contaminant from the surface being cleaned. Since the dry ice sublimates into a gas there is nothing left to clean up but the contaminate you have now removed from the surface.

Engineered Systems - These are unique custom systems designed based on the end users' specifications and needs. They can include a Dry Ice Blast system and a Dry Ice Production system, it could be a cleaning cabinet where the actual cleaning takes place inside a soundproof box. An engineered system is a system that Cold Jet engineers uniquely to customer requests - it uses the company's technology/process to clean or prepare a surface for another process in the manufacturing cycle.

Dry Ice Production Equipment - these machines produce the pellets, nuggets and block dry ice used for blasting, but also used by food processors, biomedical and biochemistry labs, and other manufacturers and shipping companies for transport. Liquid CO₂ is fed into the machine and through a series of engineering processes dry ice is extruded in various forms - pellets, nuggets or block depending on the system.

"We're more sophisticated in product development. Now we're engineering products driven by market segments that can generate the most potential for growth. We've transitioned from our original focus on improving and building a lighter, more effective machine to focusing now on market segment driven development." Scott Gatje, COO.