

BCT

BLAST CLEANING TECHNOLOGIES

INNOVATION • SERVICE • COMMITMENT • TECHNOLOGY • QUALITY • FOCUS • SOLUTIONS • SAFETY • TEAMWORK

DESIGN & ENGINEERING EXPERTS

MODERN
CASTING

A RESOURCE FROM MODERN CASTING IN CONJUNCTION
WITH BLAST CLEANING TECHNOLOGIES.

BLAST CLEANING TECHNOLOGIES – WEST ALLIS, WI



At Blast Cleaning Technologies (BCT), we build machines for the companies that keep America running. Our team of experienced professionals design new and innovative equipment, components and system upgrades that help solve the toughest challenges with blast equipment.

OUR FACILITY

Located in the historic Allis Chalmers manufacturing plant in West Allis, Wisconsin, our fully renovated 150,000 ft² facility has the space and capacity to design, build and fully test the largest blast systems.

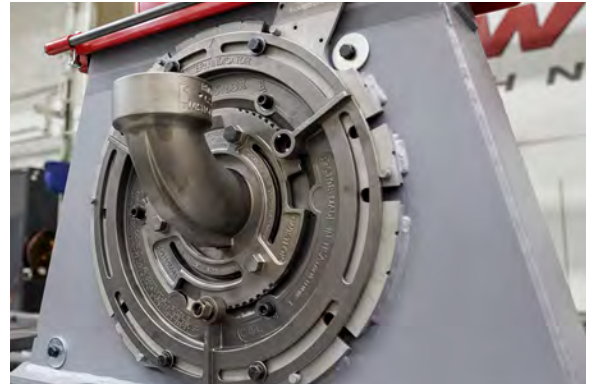
Today, there is no blast too big to build in our plant. We've upgraded and expanded our state-of-the-art manufacturing and assembly plant with more than \$8 million in manufacturing equipment that allows us to manufacture almost any blast system in-house.

OUR INNOVATIONS



e-WHEELS™

Our e-Wheel delivers improved performance, easy maintenance and superior motor life. We offer a full range of wheel diameters, ranging from 13.5" to 26" with varying speeds and configurations.



MAGNETIC SEPARATORS

BCT Magnetic Separators go well beyond traditional industry technology to automatically adjust to the amount of sand and shot loading to provide peak efficiency when paired with our e-Wheel technology.



M3A TWISTLOK e-WHEEL

The M3A TwistLOK e-Wheel is our most popular foundry-duty wheel. It's available with multiple blade sizes from 14" to 17.5" and control cage openings from 35 degrees to 90 degrees to fit your specific application. BCT's M3A is also protected with our revolutionary wheel housing design. Built for Strength, Precision and Consistency.



INNOVATIVE SHOT BLAST SOLUTIONS FOR LEADING COMPANIES



CHARLOTTE PIPE

Headquartered in Charlotte, North Carolina, Charlotte Pipe is the nation's top manufacturer of cast iron and plastic pipe and fittings for plumbing systems.

Three (3) BCT machines measuring 42" x 24" high production wire mesh belt systems with magnetic separation and full platforming.



GIW INDUSTRIES (A KSB COMPANY)

GIW Industries (a KSB Company) manufactures pumps designed to efficiently move slurry in the hard rock mining, mineral mining, oil sands and dredging industries.

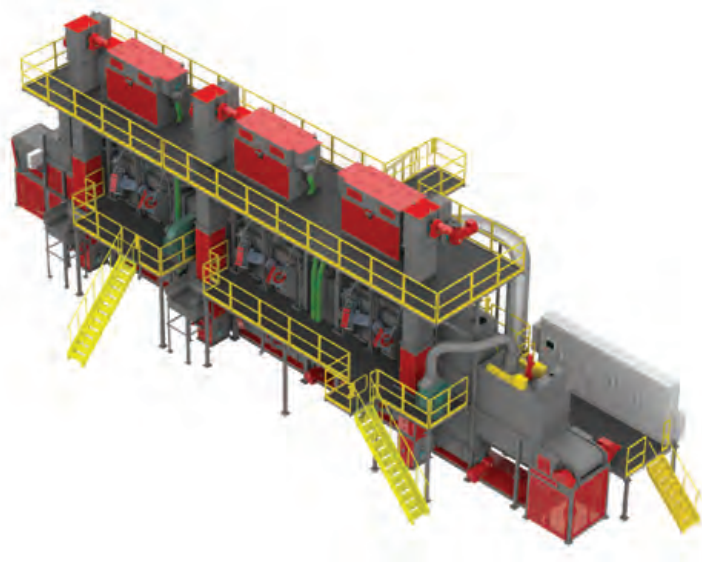
This 12 Wheel BCT custom Spinner Hanger with oscillating blast wheels is one of the largest blast machines in North America.



A.Y. McDONALD

A.Y. McDonald Mfg. Co. is a leading manufacturer of water works, plumbing, pumps and natural gas products headquartered in Dubuque, Iowa.

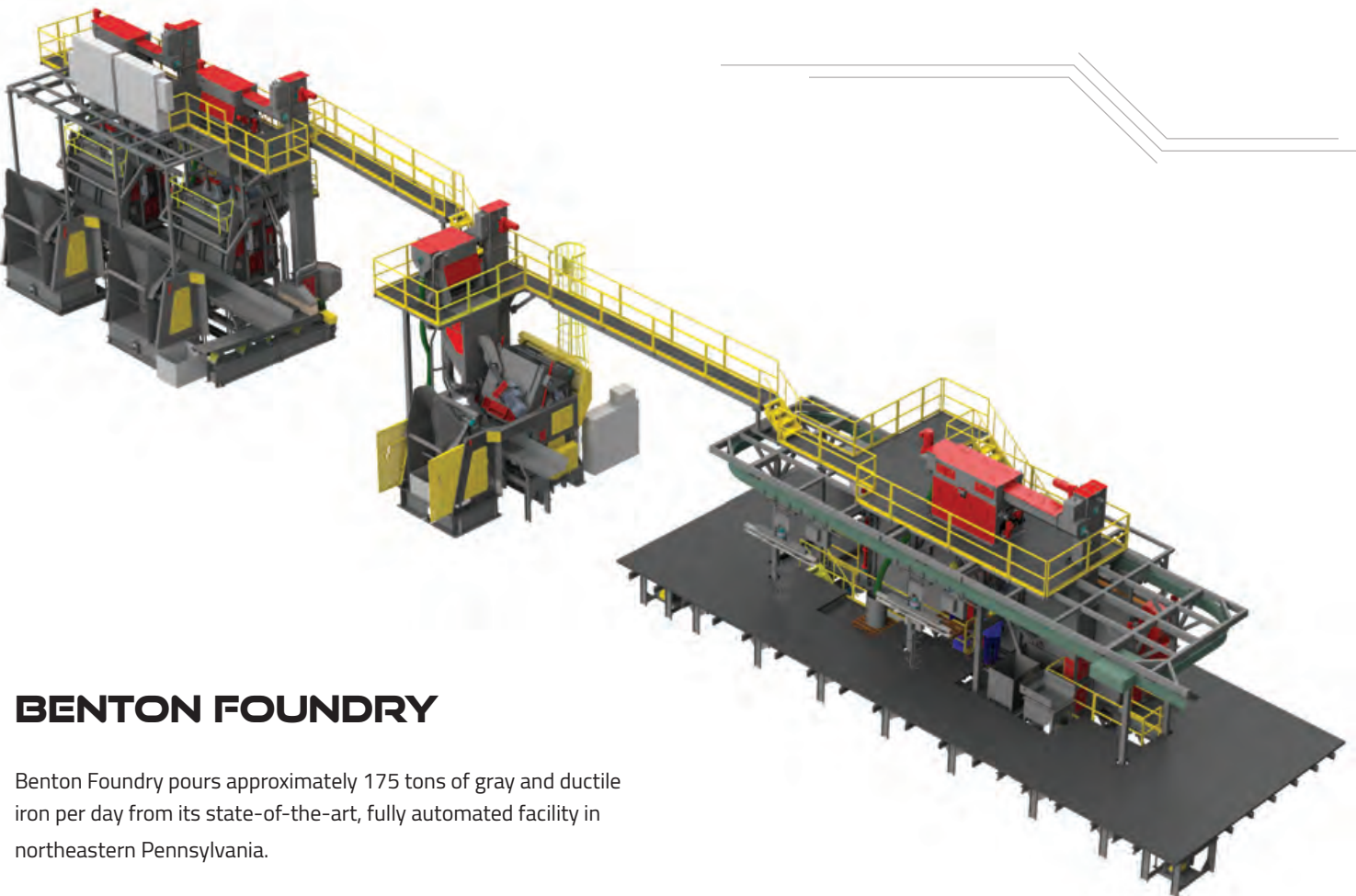
This Vibratory 2-Wheel preblast is designed to remove sand from the mold cluster prior to trimming, equipped with variable speed drives and magnetic separation.



LODGE CAST IRON

Lodge Cast Iron has made heirloom-quality cookware and accessories since 1896 from two foundries in South Pittsburg, Tennessee, with another expansion underway.

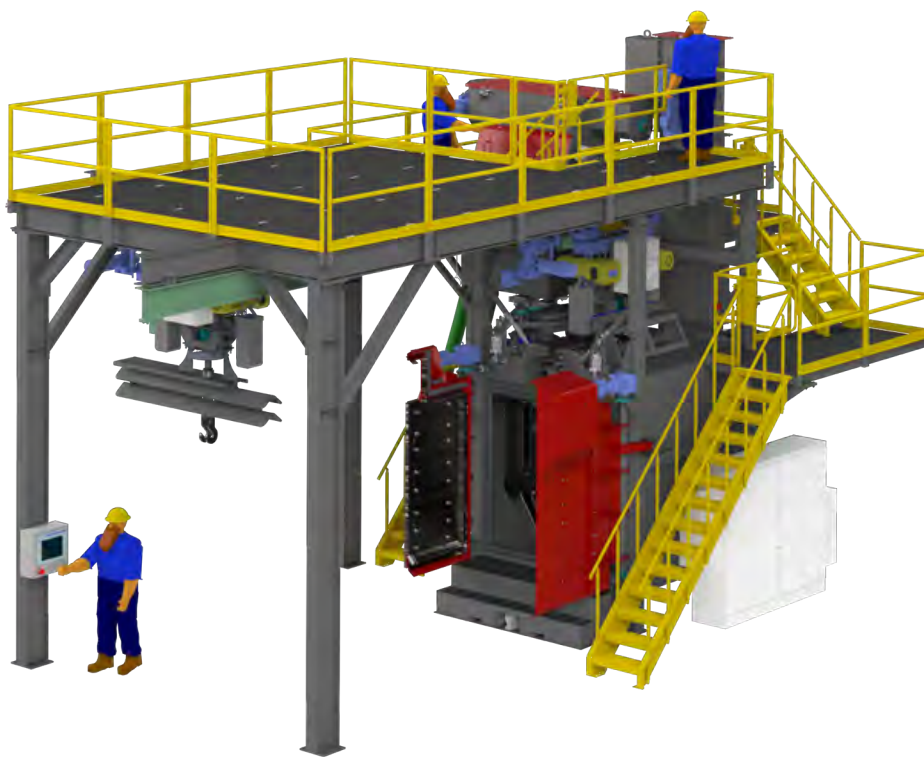
Three (3) 24 Wheel Continuous foundry duty wire mesh belt blast machine with magnetic separation, full platforming with stairway access.



BENTON FOUNDRY

Benton Foundry pours approximately 175 tons of gray and ductile iron per day from its state-of-the-art, fully automated facility in northeastern Pennsylvania.

BCT is proud to be part of Benton Foundry's new cleaning room expansion. Two — M34 Tumble Blasts, One — 21D Drum Blast and a High Output 4 Wheel Spinner Hanger.



SPACEX

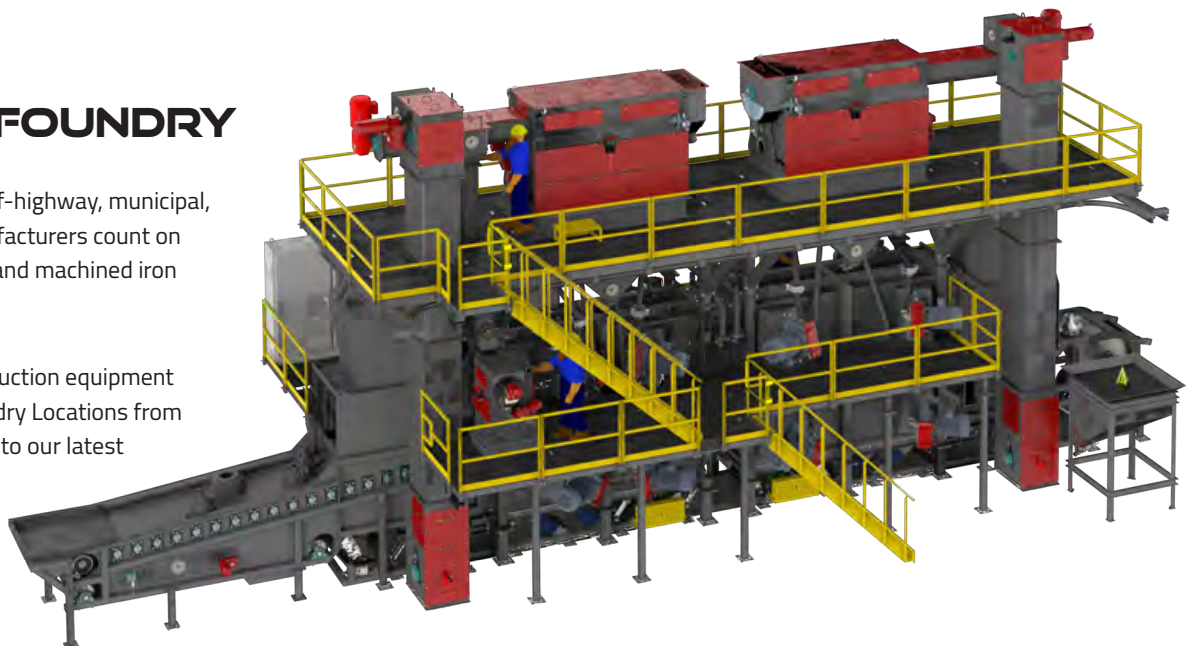
SpaceX designs, manufactures and launches advanced rockets and spacecraft. The company was founded in 2002 to revolutionize space technology.

BCT is proud to be partnered with SpaceX. Our custom designed, 3 Wheel Spinner Blast System cleans castings used on the new Raptor rocket engines used to launch the SpaceX Starship.

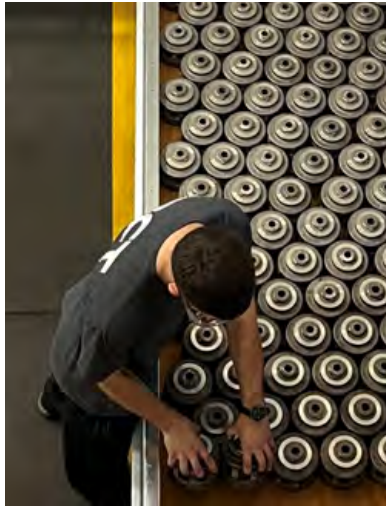
WAUPACA FOUNDRY

Leading automotive, rail, off-highway, municipal, oil and gas and other manufacturers count on Waupaca Foundry for cast and machined iron casting components.

BCT has provided high production equipment for multiple Waupaca Foundry Locations from 34 and 50 cu. ft. Tumblasts to our latest installation of multiple high production 16 Wheel Wire Mesh Belt Systems.



REPLACEMENT PARTS AND ENGINEERED UPGRADES FOR ALL MAKES AND MODELS OF SHOT BLAST EQUIPMENT



REPLACEMENT PARTS

We stock premium-quality replacement parts for all makes and models of equipment.



SHOT SAVER

Our stand-alone Shot Saver system separates usable abrasive from sand, floor sweepings and fines to isolate good media from waste.



MAGNETIC SEPARATORS

Our Magnetic Separators automatically adjust the amount of shot and sand loading to maximize efficiency.



UPGRADES

We can upgrade machines from any OEM to improve your operations.

WE'VE GOT YOU COVERED WITH OUR TECHNICAL SUPPORT TEAMS

BCT is proud to boast the largest technical service support team in North America, working to support our growing number of Foundry customers. We've continued to invest in our manufacturing capabilities, allowing us to design, build and manufacture most of our components in-house. We are far from done. We plan on continuing our growth and improving our ability to support you with unparalleled equipment, upgrades, parts and service for as long as we are able to earn your business. Thank you to all of our current Foundry customers that have helped us become the clear Leader for Blast Equipment products. For those of you that have yet to see the BCT difference, give us call, we'll come in and show why so many foundries have switched to BCT.

CARL PANZENHAGEN

President

Contact BCT at **877.355.7577** or visit **bct-us.com** to learn how BCT can develop innovative shot blast solutions for your applications.

Technology. Service. Solutions.

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**MADE IN
AMERICA**