

BCT

BLAST CLEANING TECHNOLOGIES

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

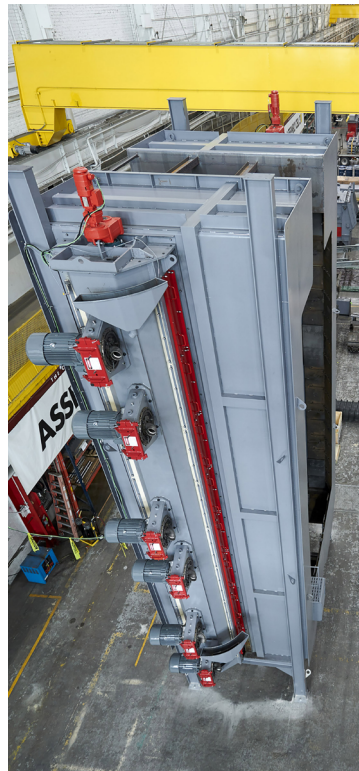
DESIGN & ENGINEERING EXPERTS

FOR THE FOUNDRY INDUSTRY



MADE IN AMERICA

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.

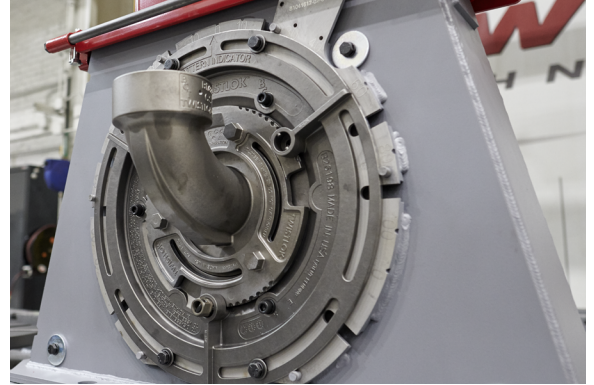
Today, there is no blast machine too big to build in our plant. We've upgraded and expanded our state-of-the-art manufacturing and assembly plant with more than \$12 million in manufacturing equipment which allows us to manufacture almost any blast system in-house.

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.



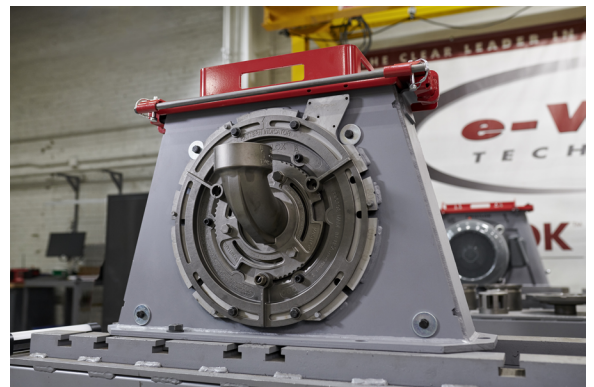
MAGNETIC SEPARATORS

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



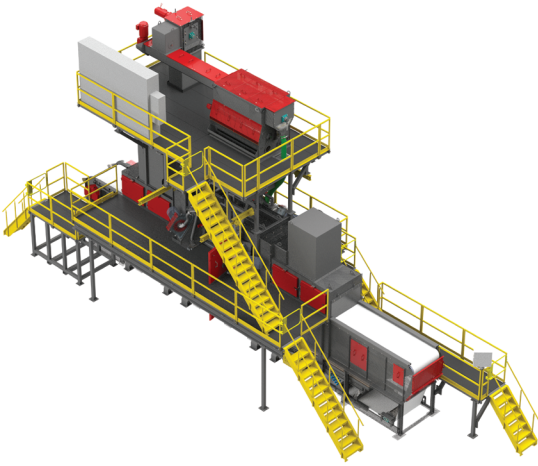
M3A TWISTLOK™ e-WHEEL™

The M3A TwistLOK™ e-Wheel™ is our most popular foundry-duty wheel. It's available with multiple blade sizes from 14" to 17.5", with Wave Blade Technology available, 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

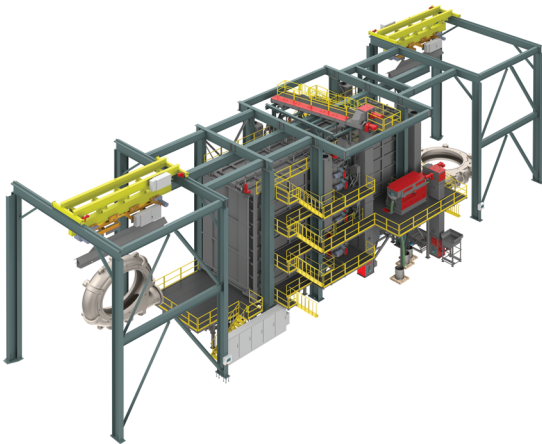
for leading companies



8-WHEEL HIGH - PRODUCTION WIRE MESH BELT SYSTEM

One of the nation's top manufacturers of cast iron, plastic pipe, and fittings for plumbing systems.

These Three (3) BCT machines, measuring 42" x 24", are high-production Wire Mesh Belt Systems with magnetic separation and full platforming.



12-WHEEL CUSTOM SPINNER HANGER

A manufacturer of pumps, designed to efficiently move slurry in the hard rock mining, mineral mining, oil sands, and dredging industries.

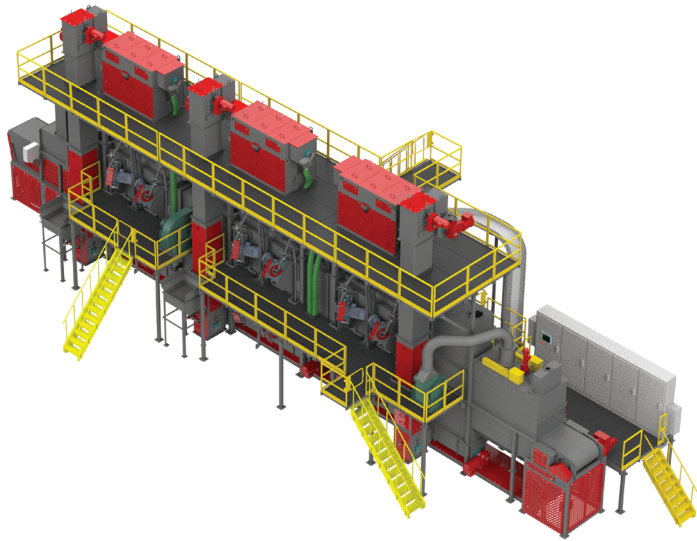
This 12-Wheel BCT custom Spinner Hanger, with oscillating blast wheels, is one of the largest blast machines in North America.



2-WHEEL VIBRATORY PREBLAST

A leading manufacturer of water works, plumbing, pumps, and natural gas products.

This Vibratory 2-Wheel Preblast is designed to remove sand from the mold cluster prior to trimming; it's equipped with variable speed drives and magnetic separation.

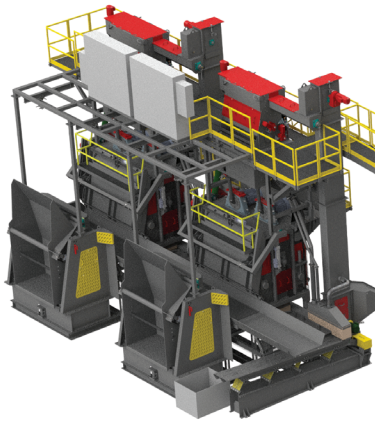


24-WHEEL HIGH - PRODUCTION WIRE MESH BELT SYSTEM

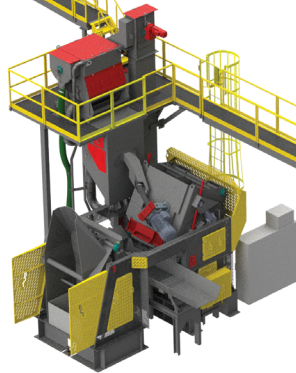
Manufacturers of quality cookware and accessories since 1896, from two foundries in Tennessee.

Three (3) 24-Wheel Continuous foundry-duty Wire Mesh Belt blast machines with magnetic separation and full platforming with stairway access.

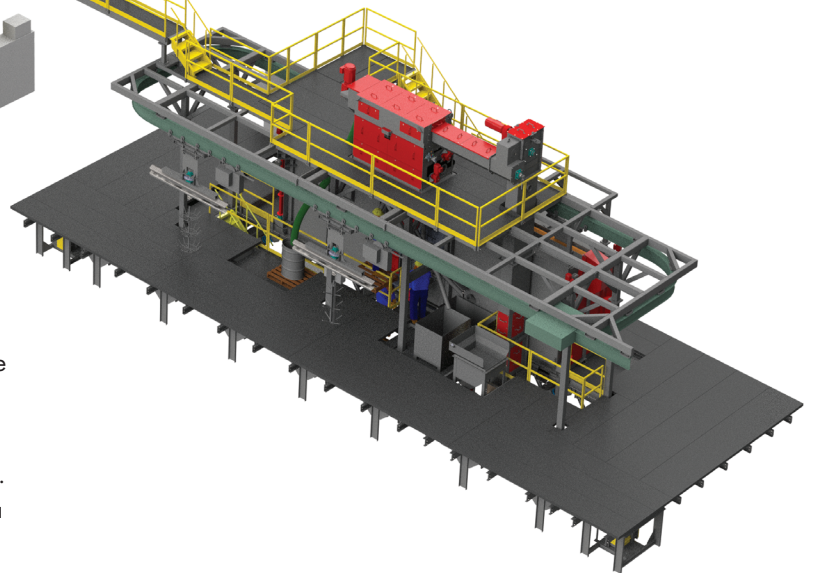
2-M34 TUMBLE BLASTS



M21-D DRUM BLAST



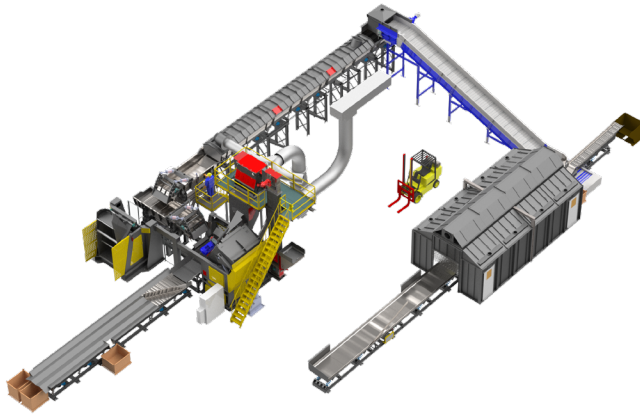
4-WHEEL HIGH - OUTPUT SPINNER HANGER



A state-of-the-art Foundry pouring 175 tons of gray and ductile iron per day from its fully automated facility in the northeast.

BCT is proud to be a part of this new cleaning room expansion. Two (2) M34 Tumble Blasts, One (1) M21-D Drum Blast, and a High-Output 4-Wheel Spinner Hanger.

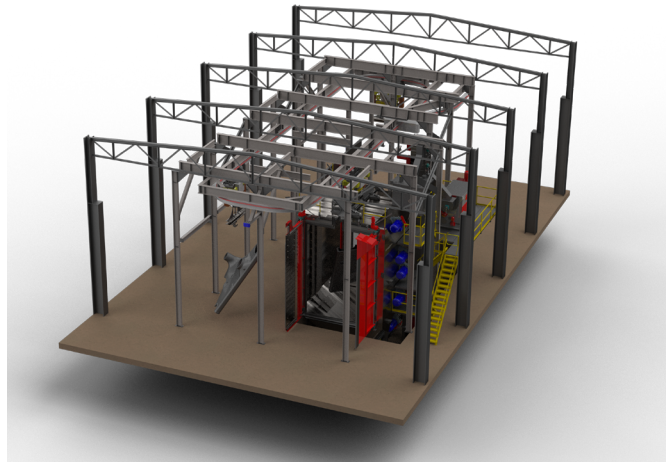




AUTOMATED DRUM BLAST, CASTING COOLING, AND DE-GATE SYSTEM

A world-class caster of multi-ferrous metals, recognized for its high-quality castings and reliable service.

This system includes our M40-D Drum Blast Machine which is loaded via a BCT vibratory feeder, with load cells for loading blast material. A 33ft. long lighted room providing AV for the sorting operations completes the system.



5-WHEEL FULL LOOP MONORAIL SYSTEM

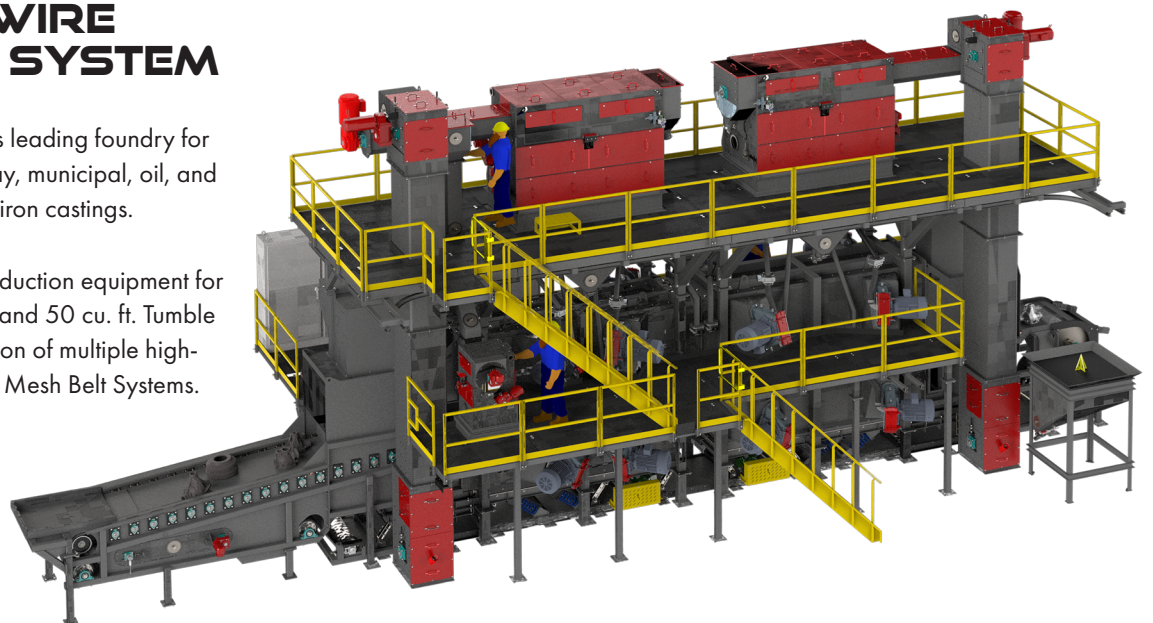
A state-of-the-art technology-driven international engineering and manufacturing organization that specializes in the production of highly engineered carbon and low/medium alloy steel castings. This is one of the largest spinner blasts in BCT history.

This Spinner Blast System includes Five (5)- 40HP blast wheels, full loop monorail, vacuum recovery shaker reclaim, floor-mounted magnetic separation, and full platforming.

16-WHEEL HIGH - CAPACITY WIRE MESH BELT SYSTEM

Manufacturers count on this leading foundry for automotive, rail, off-highway, municipal, oil, and gas for machined and cast iron castings.

BCT has provided high-production equipment for multiple locations, from 35 and 50 cu. ft. Tumble Blasts, 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**



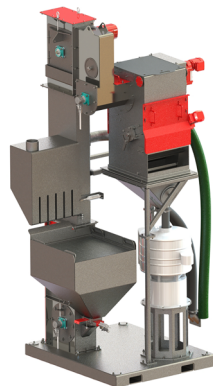
UPGRADES

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



MAGNETIC SEPARATORS

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



SHOT SAVER

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



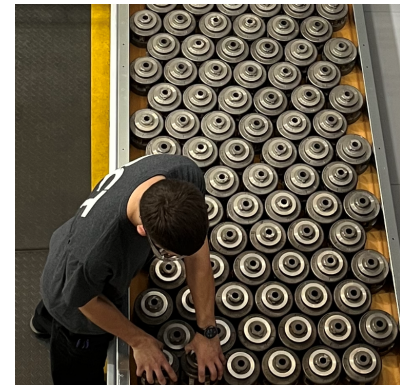
ABRASIVE VALVES

We carry heavy-duty premium cast chrome abrasive valves - MACV. Its unique slide-out cartridge assembly for ease of maintenance, cast alloy hardened body orifice, and heavy-duty magnetically sealed slide gate.



TECHNICAL SUPPORT

BCT has the largest technical support team in the industry. Our team of experienced technicians know your equipment so they can offer the repair and installation services, troubleshooting, and comprehensive equipment inspections you need.



REPLACEMENT PARTS

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

BCT

BLAST CLEANING TECHNOLOGIES

WE'VE GOT YOU COVERED

With the Largest Technical Support Team in North America



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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