

# BCT

BLAST CLEANING TECHNOLOGIES

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

## DESIGN & ENGINEERING EXPERTS

Plate, Structural, Rebar, Pipe, Wire, and Bar



MADE IN  
AMERICA

# BLAST CLEANING TECHNOLOGIES

WEST ALLIS, WI



## OUR FACILITY

Located in the historic Allis Chalmers manufacturing plant in West Allis, Wisconsin, our fully renovated 150,000 sq. ft. 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

**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.**

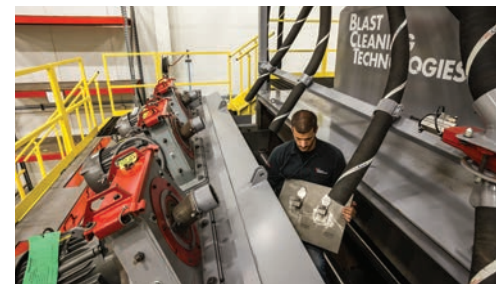
### M5 TWISTLOK™ e-WHEEL™

The M5A TwistLOK™ e-Wheel™ uses our precision fit investment cast tool steel components that are outperforming other conventional wheels. Simple, yet extreme-duty design with maintenance features that make the M5A TwistLOK™ the Clear Leader in wheel technology today.



### RETRACTABLE VESTIBULE

BCT's exclusive retractable vestibule provides quick, safe, and easy access into your main blast chamber. Simply pull the safety locks and roll the retractable front vestibule away. Eliminates confined space in most designs.



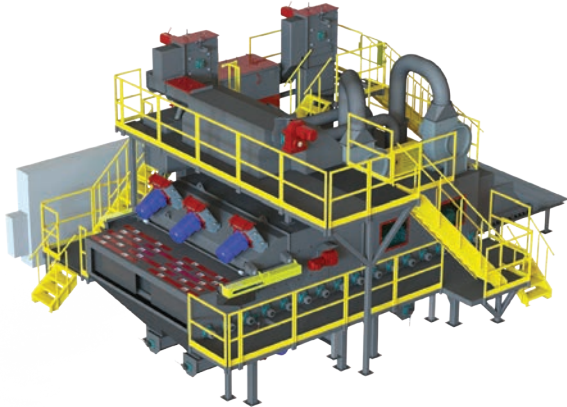
### IMPROVED FINGER SEAL DESIGN

BCT offers numerous seal upgrade designs. This includes our easy, no tool change out finger seals and premium design slide in vestibule seals with easy change out.



# INNOVATIVE SHOT BLAST SOLUTIONS

## FOR LEADING COMPANIES



## RUSSEL METALS

### 10' Plate & Structural Roller Blast System

Russel Metals, located in Milwaukee, Wisconsin, distributes steel products in three principal business segments: Metal Service Centers, Energy Products and Steel Distributors.

This BCT design can clean 10' wide plate and structural shapes up to 24" tall with 6-25HP M3 TwistLOK™ e-Wheels™.

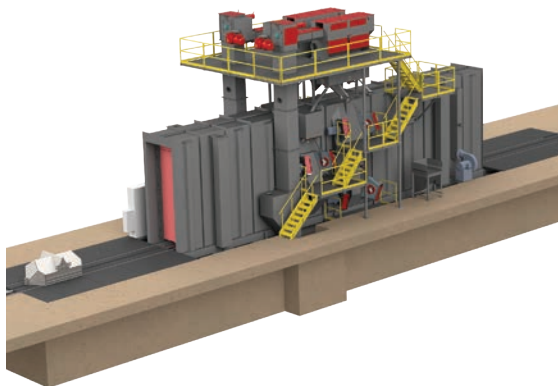


## STRUCTURAL COATINGS INC.

### 14' Plate & Structural Roller Blast System

Structural Coatings Inc. is headquartered in Clayton, North Carolina. They are one of the largest and most experienced coating and blast cleaning companies in the entire Southeast with the ability to handle large steel sections up to 150,000 lbs.

This BCT 14' Plate Machine replaced a 6-wheel Wheelabrator™. This machine features a 14' wide cleaning envelope with 8-50HP M3 TwistLOK™ e-Wheels™.



## W&W / AFCO STEEL

### Monorail Blast System for Large Bridge Girders

W&W | AFCO Steel is one of the largest, structural steel fabricators and erector in the United States. With continuous experience that dates to 1909, 19 production facilities, with this system installed in Oklahoma City, Oklahoma.

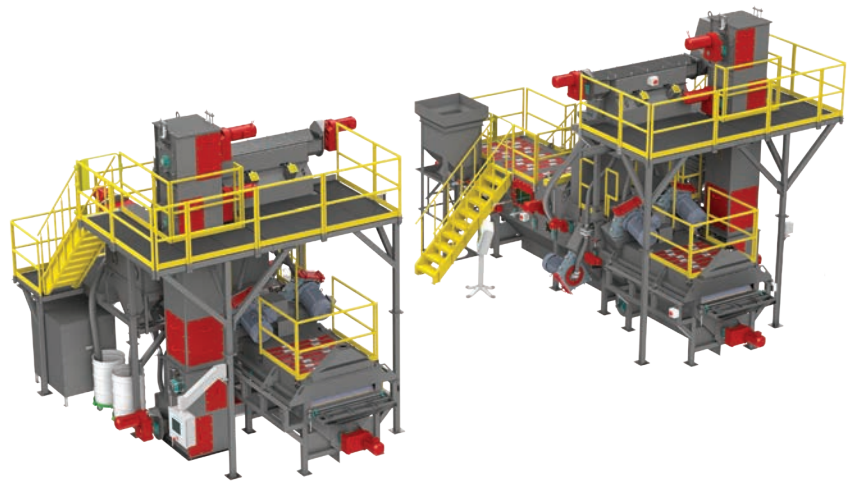
This BCT 48" x 120" Monorail Blast System features 12-30HP M5 TwistLOK™ e-Wheels™ capable of cleaning beams up to 10' tall.

# LIPPERT COMPONENTS INC.

## Two In-Line Beam Cleaners

LCI® located in Goshen, Indiana, is the world's leading supplier of highly engineered products for the leisure and mobile transportation industries including bus, cargo, equestrian trailer, marine and heavy truck.

These Twin state-of-the-art beam cleaners each feature 4-40HP M3 TwistLOK™ e-Wheels™.

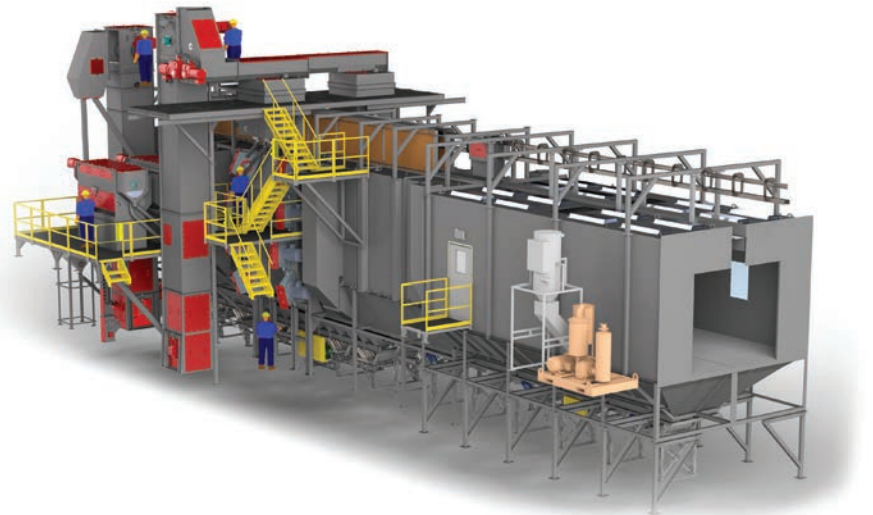


# VERMEER CORPORATION

## Monorail Blast System

Headquartered in Pella, Iowa, Vermeer is a leading manufacturer of agricultural and industrial equipment. Vermeer supplies a variety of diverse markets, including underground construction, surface mining, tree care, environmental and agricultural industries.

The BCT 78" x 84" Monorail Blast System features 16-30HP M5 TwistLOK™ e-Wheels™.

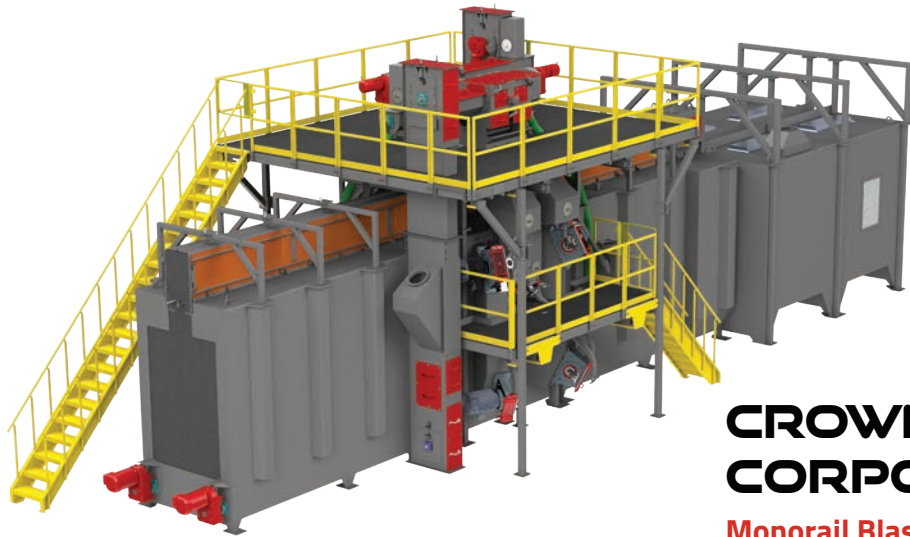


# KOMATSU MINING

## 10' Swing Table Blast System

Komatsu Mining is a leading global supplier of essential equipment, technologies and services for the construction, mining, forest, energy and manufacturing industries. This machine was installed in Milwaukee, Wisconsin, for blasting heat treated gear casings.

This Table Blast System features 2-30HP M3 TwistLOK™ e-Wheels™ with a 10' diameter, 15,000 lb. work table with single or double design.



## CROWN EQUIPMENT CORPORATION

### Monorail Blast System

Headquartered in New Bremen, Ohio, Crown is one of the world's largest material handling companies. Crown offers a broad range of automation, fleet management technologies and is one of the largest manufacturers of powered industrial forklifts.

This 5' x 6' Monorail System features 8-20HP M1 TwistLOK™ e-Wheels™.

## A&A COATINGS INC.

### Twin Pipe Blasting Systems

A&A Coatings, Inc., located in Lone Star, Texas, provides the highest quality coated pipe in the industry as well as ensure the safest loading and delivery procedures. Focused on providing superior fusion bonded epoxy coating, abrasive resistant overlay coating with the highest quality standards in the steel coating production.

These Twin Pipe Cleaners each feature 2-75HP M5 TwistLOK™ e-Wheels™ capable of handling pipe from 4" to 48" diameter.

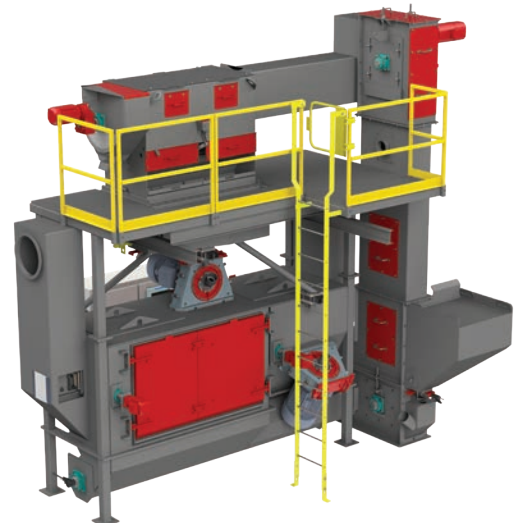


## CONSOLIDATED METAL PRODUCTS

### Bar Blast System

Headquartered in Cincinnati, Ohio, CMP is the world's only full-line manufacturer of high strength cold-formed u-bolts, for light- medium- and heavy-duty truck and trailer leaf and air spring suspensions.

The BCT RB3 – Bar Blast System features 3-50HP M3A TwistLOK™ e-Wheels™ with an extreme duty design and improved machine access.



# REPLACEMENT PARTS, ENGINEERED UPGRADES, AND TECHNICAL SUPPORT FOR ALL MAKES AND MODELS OF SHOT BLAST EQUIPMENT



## REPLACEMENT PARTS

BCT stocks premium quality replacement parts for all makes and models of equipment. The foundation of our support is our commitment to having over \$5M in parts in stock when you need them.

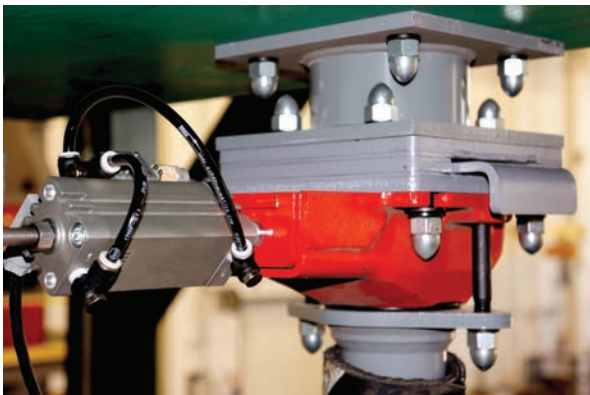


## TECHNICAL SUPPORT

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.

## ABRASIVE VALVES

Heavy duty premium cast chrome abrasive valve – MACV. Unique slide out cartridge assembly for ease of maintenance, cast alloy hardened body orifice, and heavy duty magnetically sealed slide gate.

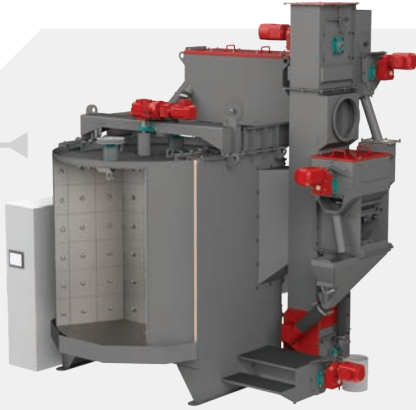


## UPGRADES

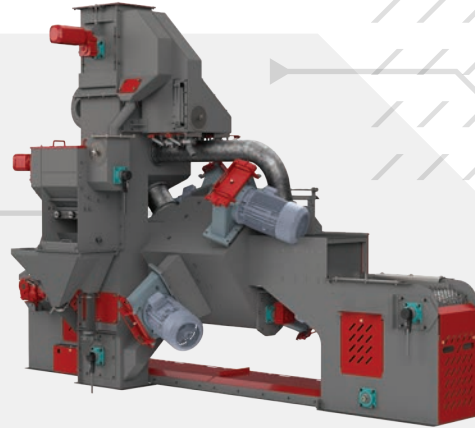
BCT offers engineered solutions to improve your existing blast system and your overall operation. Our proven, pre-engineered upgrades include our TwistLOK™ e-Wheel™, blast cabinet and liner packages, quick change seals, separation systems, safety, control and PLC upgrades.



# **BCT** STANDARD PRODUCTS & AIRBLAST EQUIPMENT



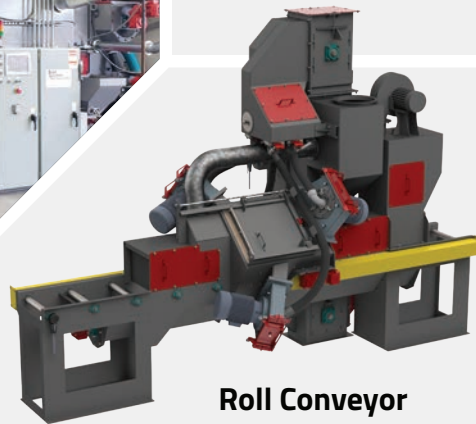
**Carousel Spinner Hanger**



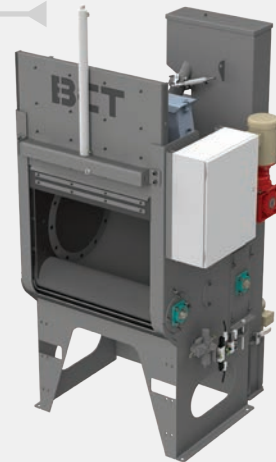
**Wire Mesh Belt**



**In-Line  
Spinner Hanger**



**Roll Conveyor**



**Tumble Blast**



**Table Blast**



**Airblast**

# 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 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 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 a call, we'll come in and show you why so many customers 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**