CORE VALUES
BCI strives to cast everyone we touch into a valuable and responsible individual. It is crucial for everyone to be a team member and an active citizen within our communities.

CAST SAFETY FIRST
Our first priority is to be safe and to promote safety every day in every way.

CAST PASSION
Begins with top management down - be passionate for who you are, what you do, and the company that you work for.

CAST PROFITABILITY
Continuous investment in cutting edge capabilities and the best people to ensure BCI remains valuable to stakeholders.

CAST COMMITMENT
BCI’s commitment to ourselves ensures a strong future for our customers and suppliers.

CAST IMPROVEMENT
Challenge the status quo - team members will strive every day for continuous improvement, both professionally and individually.

CAST FAMILY
Commitment to family values is our responsibility today and tomorrow.

CAST RESPONSIBILITY
None of us have jobs - we have team responsibilities for which we are accountable through our individual actions and decisions each and every day.

CAST COMMUNITY
BCI team members are encouraged to be involved in the community so we all grow.

WITH OVER 75 YEARS’ EXPERIENCE IN CASTING DESIGN AND WELDMENT CONVERSIONS, WE SUPPLY OUR CUSTOMERS WITH A MACHINED COMPLETE CASTING USING OVER 90% RECYCLED MATERIALS
Bremen Castings provides a wide range of in house capabilities and services, thus limiting the need for outside suppliers. From castings to machining to assembly, we continue to position ourselves as industry leaders in the ability to meet the full needs of large OEMs. We are constantly expanding our capabilities through innovative adaptation of technology, people, and processes. Exceptional manufacturing capabilities allow for quick quote turnaround, shorter over all lead-time, and robust problem solving. Our unique focus on continuous improvement and innovation means one thing - our customers receive the highest quality products delivered on time.
DEDICATION TO YOUR PRODUCT IS OUR PASSION
The BCI team is dedicated to the philosophy of continuous improvement, and will succeed in fulfilling our customers manufacturing needs. With our experience in manufacturing, project management, and customer relations, we provide the following solutions:

• Full Machining Capabilities
• Assembly Operations
• Prototypes
• Raw Castings
• Foundry Tooling
• Fixtures

QUALITY AND DELIVERY IS OUR FOCUS
Bremen Castings has made large investments to support industry leading quality and on-time delivery capabilities. A highly customized ERP system, combined with quality systems that have earned ISO/TS 16949:2009 and ISO 9001:2008 certifications are at the core of our success.

ISO/TS 16949:2009
16001380 TS09
ISO 9001:2008
110001380 QM08
The SQS team was created to lead BCI in its goal to implement Lean Practices and eliminate waste throughout the organization. By incorporating a cultural change from the ground floor up, each individual at BCI has an ownership of sustainability. Our SQS approach is based on forming focused and engaged teams from across all departments to drive continuous improvement initiatives. This approach has resulted in many improvements, including:

**Value Stream Mapping** - BCI has such a wide mix of parts that run through different processes, a conventional Value Stream Map would not work. The conventional approach would require too many maps to manage effectively. The SQS solution – create one large configurable map that allows us to rapidly move from part to part, evaluating the value-added and non-value-added time much more efficiently than the conventional approach.

**Robotic Grinding** - One cutting edge advance that came out of the SQS approach is the adaptation of robotic arms typically used in assembly facilities to our grinding operations. This innovative approach has resulted in increased efficiency, improved safety, improved quality, and lower costs.

"Status Quo Sucks"® is the motto that Team BCI lives by and continuous improvement is our goal.
MACHINING

Our machining facilities continue to grow, and Bremen Castings has all the capabilities that full standalone machine shops have to offer. We have expanded beyond the machining of iron castings into a wide array of other ferrous and non-ferrous materials.

Equipment List

(3) Kitamura HX630i Horizontal Machining Center
(1) Mazak Multiplex 6300Y
(1) Mazak Multiplex 630N
(1) Mazak VTC-160A Vertical Machining Center
(1) Mazak QT-250 2-Axis Lathe
(1) Haas EC-400 Horizontal Machining Center
(1) Haas VF-8 Vertical Machining Center
(2) Hass TM-2 Vertical Knee Mill
(1) Acra M3X Vertical Knee Mill
(2) Fanuc Robodrill A-T21iFLA Vertical Machining Center
(2) Hydraulic Arbor Press, 3 Ton
(1) Hydraulic HBM-15B Press, 15 Ton
(1) Mitutoyo Bright 504 Coordinate Measuring Machine
(1) Mitutoyo Crysta – Apex C, CTAC2106
(1) Blanchard Grinder 22D-42 (48" diameter range x 12" high workpiece capacity)
(1) Colonial HAS-15-72 Horizontal Broach Machine
(1) Hofmann PCHV-30.2D Balancer
(1) Clausing 2277 Air/Oil Drill Press
MELTING
Ductile - (2) Four Ton Ajax Coreless Melting Furnaces
Gray - 66" Cupola Melt at 13 Ton/Hour
• 40 Ton Vertical Channel Induction Holding Furnace

MOLDING
Green Sand Molding Equipment
• (1) 20X26 Roberts Sinto Matchplate
• (2) 20x24 Hunter Matchplate
• (2) 14x19 Hunter Matchplate

CORE
• (3) Redford 22 Isocure Core Machine
• (1) Redford 42 Shell Core Machine
• (4) Redford 43 Shell Core Machine
• (2) Dependable 200 Shell Core Machine

METAL Poured
Gray Iron Class 20 - 40
Ductile Iron Grades:
• 60-40-18
• 65-45-12
• 80-55-06
• 100-70-03
ASTM Standard ADI Grades
ASTM & ASE Silicon Moly Ductile
Bremen Castings Inc. offers full Engineering and Tooling support for your initial product design, steel weldment conversion, and existing product. With tooling and fixtures being produced in-house, communication is not an issue.

BCI uses checks and balances to get it done right the first time. By using the latest technology version of MAGMASOFT®, it provides us intricate simulated capabilities for a better understanding of filling, solidification, mechanical properties, thermal stresses and more. BCI also uses SolidWorks, Visi, Cad, Cam, Auto Cad, ProE and more on a daily basis to enhance our end result to you.