

BRADKEN

MANUFACTURING FACILITIES



Offices strategically located at port of Tacoma, WA and manufacturing in Xuzhou, China



Global Services offers a comprehensive and single source supply for finished castings



Large mining truck differential

Bradken Global Services

Bradken Global Services is exactly that: Global - Bradken serves all continents and countries. Twenty years ago Bradken Global Services was created to service the North American marketplace, filling the need for a lower cost country solution. Today we assist our Western facilities by providing economical additional capacity, with the same security & Quality Assurance. We process castings in China and serve both Western & Asian markets: Providing inspection and finishing services to Chinese foundries.

Global companies supply global solutions and Bradken Global Services can deliver.

Manufacturing Capabilities (Overview)

- Each Bradken business unit makes use of continuous improvement programs and maintains specialists at the business unit and corporate levels to drive improvements and efficiencies
- Quality steel castings in a variety of configurations, materials, sizes & processes
- State-of-the-art upgrade and testing facility with in-house heat treatment
- Value added machining
- Company inspectors, process engineers and quality personnel
- Project management and complete documentation services
- True global coverage to all parts of the world
- Supported by one of the largest and most respected global foundry & machining organizations – Bradken, Ltd

Key Differentiators:

- Fully staffed in China with Supplier Quality Engineering Staff
- Offices/Facilities at Port of Tacoma, WA USA & in Xuzhou, China
- International support from Bradken - Atlas capabilities and Bradken - Australia
- Single Source Solutions: Assisted engineering, pattern/tooling, castings, machining & simple assembly

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Global services offers a full range of non-destructive testing and protective coatings ensuring quality



Bradken - Global Services employees inspect and provide process engineering



Large steel castings for a variety of industrial markets

Facility Information

Fully staffed Bradken Quality and Process Engineering personnel supporting a growing skilled employee base.

In Business Since 1988

Capabilities

Castings Globally Sourced/
Globally Supplied

Machining Globally Sourced/
Globally Supplied

Metals Cast

Cast Steels

Carbon Steels 5 to 70,000 lbs.

Corrosion Resistant Steels 5 to 70,000 lbs.

Heat Resistant Steels 5 to 70,000 lbs.

Low Alloy Steels 5 to 70,000 lbs.

Manganese Steels 5 to 70,000 lbs.

Molding or casting process used

Air-Set/Nobake Investment Casting 1 to 50 lbs.

Lost Foam (EPC) Shell Mold 1 to 50 lbs.

Lost Wax 10 to 250 lbs

In-house Heat Treating

Type of Heat Treating

Normalization

Stress Relieving

Annealing

Quench and Temper

Furnace Sizes

Maximum 120" X 120"

Value Added Processes

Machining services

Painting and finishing services

Quality and Process Controls

In House

Welding

Grinding

Inspection (Visual, Magnetic Particle, Dye penetrant, Ultrasonics, Radiography)

Dimensional Inspection

Heat Treating

Normalizing

Austenitizing

Quench and Temper

Microstructure Analysis

Mechanical Testing

Spectrographic analysis

Hardness Testing

Outsourced

Charpy Impact Testing

Liquid Penetrant Examination

Chemical Analysis

For more information contact Bradken at EngProd@bradken.com

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