

BRADKEN

MANUFACTURING FACILITIES

Bradken - Scunthorpe

Bradken's Scunthorpe foundry has a history of more than 90 years continuous operation in casting production. Today Scunthorpe foundry is a major manufacturer of large iron and steel wear resistant components to the power, cement, pumps, mining, general engineering, mineral processing and quarrying industries.

Manufacturing Capabilities (Overview)

- Bradken operates a continuous improvement program and maintains specialists at each facility to drive improvements and efficiencies
- Weight Range: 100 to 20,000kgs
- ISO 9001-2008 certified world-class foundry
- Castings, heat treatment and machining

Key Differentiators

- Single source solutions: patterns, casting, machining and testing
- Solidification modeling / Assisted engineering
- Jobbing and semi-production capabilities
- Latest foundry technology including robotic fettling, machine tips, casting simulation software, induction furnace and snake-eye camera.

Bradken is committed, through continuous improvement, to preventing all injuries, illnesses and incidents; providing a safe and healthy workplace and protecting the environment.

Quality castings, value added services and pride in workmanship.



Scunthorpe - single source supply: Pattern, casting, machining and assembly



Semi-mechanised production line



Grinding mill components

BRADKEN

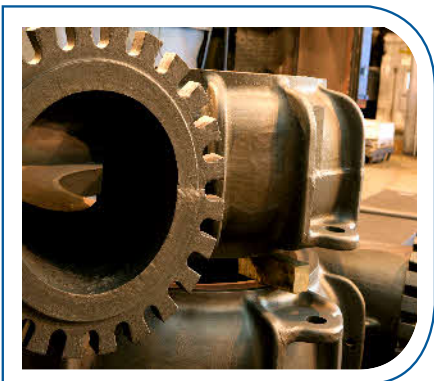
MANUFACTURING FACILITIES



Inspection and testing



Induction furnace



High chrome pump casting

Facility Information

In business Since 1917

Capabilities

Casting
Machine Shop
Value Added Assembly
Heat Treatment

Metals Cast
High Chrome Wear Resistant Iron
Ni-Hard Wear Resistant Iron
High Alloy Steel
Low Alloy Steel

100 to 20,000 Kgs

Machining Capability

Vertical Boring - up to 5 metres diameter
CNC Vertical Machine with Fagor 8055T controller - up to 1.8 metres diameter
Horizontal Boring
Rotary Surface Grinders

Lifting Capacity: 30 tonnes

Heat Treatment Processes

Gas fired heat treat furnace

Normalising
Annealing
Hardening
Tempering
Vacuum

Quality and Process Controls

Magmasoft Solution and Imaging
Hardness
Magnetic Particle
Microstructure
Liquid Penetrant
Chemical Analysis
Sand Control
Ultrasonic Examination
Mechanical Testing
Charpy Impact Testing

Quality Assurance Program

ISO9001



ISO9001: FM 01688

For more information contact Bradken at powerandcement@bradken.com

Scunthorpe

Dawes Lane
Scunthorpe, DN16 1DN
United Kingdom
T +44 114 284 1000
3 BKPC SP MKT SCUNTHORPE REV.0

Meadowhall

2 Vantage Drive
Sheffield, S9 1RG
United Kingdom
T +44 114 284 1000