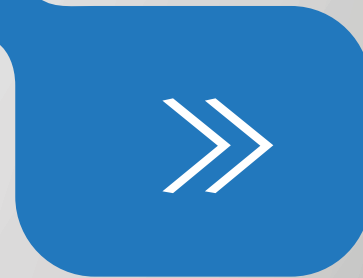




WWW.DINGWELLS.COM



DINGWELL'S NORTH AMERICA



CANADA

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Ontario, Canada P7B 5Z8
(807) 623-4477

USA

215 Main Street, Superior
Wisconsin, USA 54880
(715) 395-0256

MACHINING | CASTING | FORGING

FABRICATION | ASSEMBLY | MANUFACTURING



CORE STRENGTHS

- Advanced Manufacturing Processes
- Rigorous Quality Control
- Cost Effective Manufacturing
- Forward Engineering Support
- Supply Chain Management



OUR COMMITMENT

- Quality Guaranteed
- Professional Tech Support
- Competitive Pricing
- Short Lead Time
- Inventory Availability



Subway Bogie



Subway Undercarriage Parts



Mill Head



Crusher Shaft

BOMBARDIER
the evolution of mobility

CLIFFS



Subway Rail Wheels



Subway Undercarriage Parts



Turbine Shaft



Roll Crusher



Mission Island
Thunder Bay

Thunder Bay
Canadian Headquarter



Superior, Wisconsin
USA Division



MACHINING

Complete Turning, Milling, Boring, Drilling, CNC processing equipment, ensure your parts are made to perfection.



We completely understand the need to remain competitive in this fast paced Global Marketplace, which is why we setup Manufacturing Partnerships around the world.

It doesn't matter if you are an OEM or an Industrial End User, if you have a need for high volume parts or lower volume expensive parts, we can find a way to make these cost effectively for you while maintaining superior quality.



SMALL SIZE MACHINED PARTS



MEDIUM SIZE MACHINED PARTS

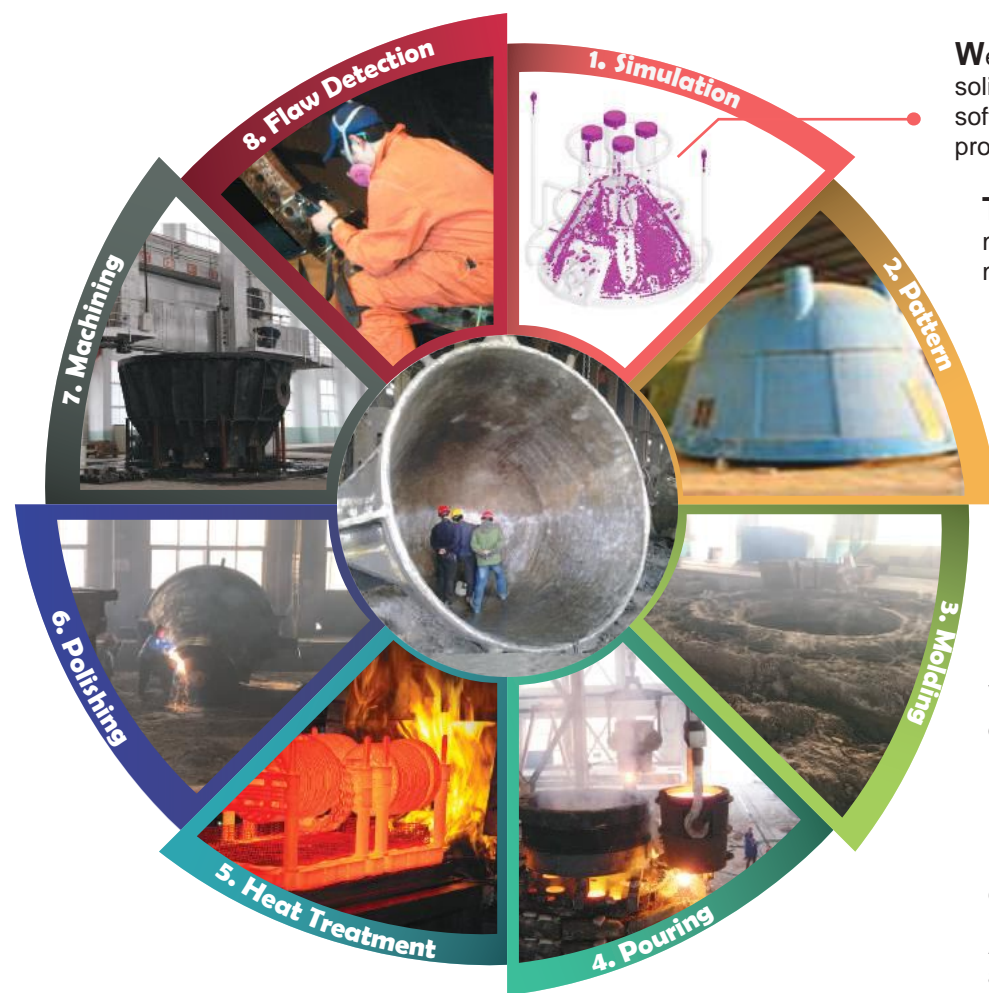


LARGE SIZE MACHINED PARTS



CASTING

ORDER → DESIGN DRAWING → PLANNING PROCESS → SIMULATION OF CASTING → MAKING MODELS → MOLDING → FOULDING → OUT OT PIT → CLEANING → HEAT TREATMENT → FINISHED MACHINING → FLAW DETECTION → DEFECT TREATMENT → GENERAL TEMPERING → QUALITY TEST → PACKING & DELIVERY



We use the most advanced casting solidification and mold filling simulation software to ensure the accuracy of our production.

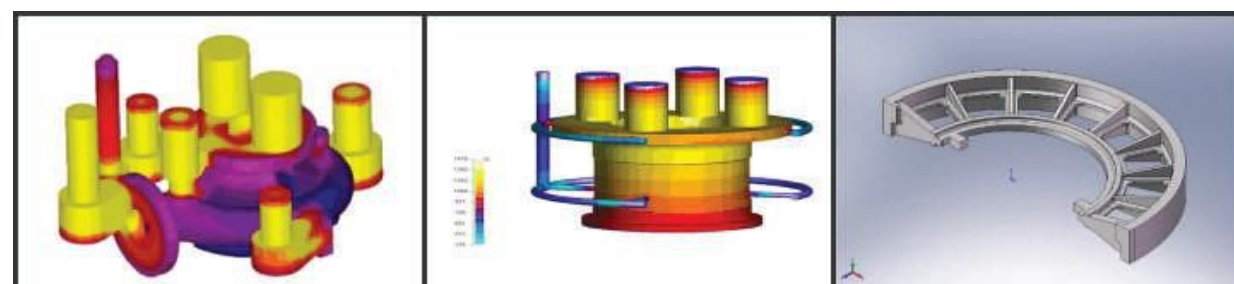
The system consists of three modules: pre-processor, main-solver and post processor.

Virtual test plans and automatic optimization

Parametric design of casting rigging

Modeling capabilities for all casting processes

Automatic result evaluation and assessment



3 Dimensional Pouring Stimulation

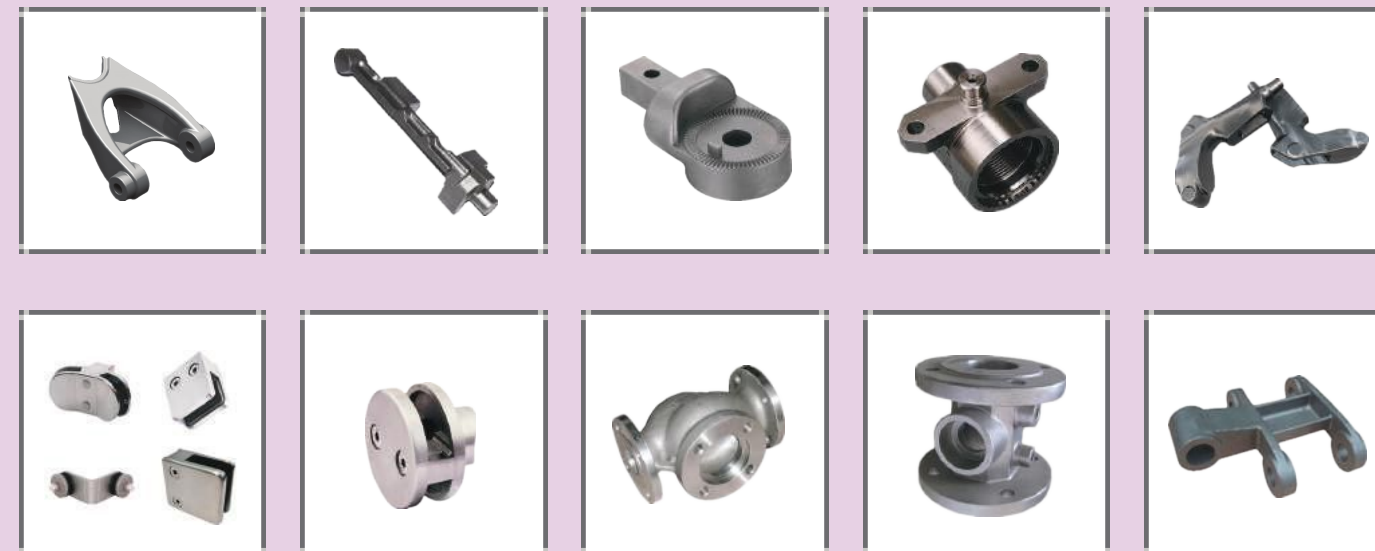
Casting Color and Temperature

3 Dimensional Stereogram



We have 2 sets of 60 tons electric arc furnaces, and 4 large natural gas heat treatment furnaces. Auxiliary facilities include oxygen station, compressor station, gas station, carbon dioxide station, etc.

SMALL SIZE CASTING PARTS



MEDIUM SIZE CASTING PARTS



LARGE SIZE CASTING PARTS



FORGING

1

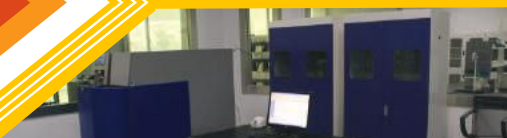
RAW MATERIAL

Stainless Steel, Alloy Steel, Carbon Steel etc



Quality Control

Material Chemical Analysis



2

MODELLING

Computerized Tooling & Sizing Machines



Quality Control

Measure, Weight & Mark



3

HEATING

Melting Furnaces For Metal Forging



Quality Control

Temperature Control & Monitor



4

FORGING

Various machines for different sizes products



Quality Control

Forging Ratio, Dimension, UT etc



5

MACHINING

Completed Machining CNC Equipments



Quality Control

Dimension Test, Magnetic Test etc



6

HEAT TREATMENT

Fully Equipped & Advanced Heat Treatment



Quality Control

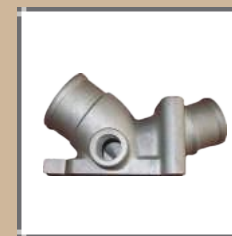
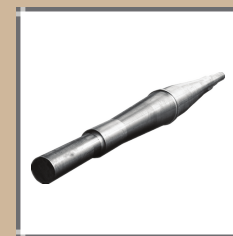
Temperature Control & Hardness Testor



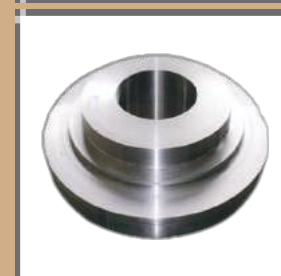
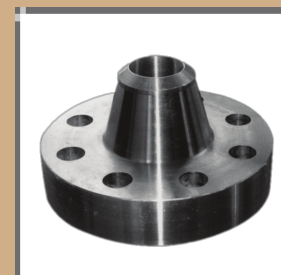
DINGWELL'S quality control goes through the whole process of the production, from raw material to the delivery.

Various and advanced machines assure our products can meet the requirements of different customers and applications.

SMALL SIZE FORGING PARTS



MEDIUM SIZE FORGING PARTS



LARGE SIZE FORGING PARTS



1600-ton Hydraulic Press

400-ton Hydraulic Press

8-ton Hammer

3-ton Hammer

FABRICATION



DINGWELL'S has always been a leader in the fabrication of large stacks, chutes, bins, silos, and hoppers (lined and non lined), complete ducting systems, whether hot or cold gas for various industries.

DINGWELL'S also fabricates from the very small to large turnkey systems.

SMALL SIZE FABRICATION PARTS



MEDIUM SIZE FABRICATION PARTS



LARGE SIZE FABRICATION PARTS



ASSEMBLY & MANUFACTURING



DINGWELL'S provides premier Assembly, Manufacturing and Supply Chain Management solutions. Our business model allows us to be flexible around client needs.

We vertically integrate key development components and leverage our extensive supplier network.

QUALITY CONTROL



DINGWELL'S has our own laboratory, possessing tension tester, spectrometer, metallographic, impact hardness testers, and other NDT testers. Material analysis controls quality by experienced technicians.

Our products are rigorously tested to ensure that they meet the customers' requests.



Element Analyzer



Metallurgical Microscope



Cupping Machine



Tensile Tester



Spectrum Analyzer



Magnetic Particle Testing



Impact Tester



Hardness Tester