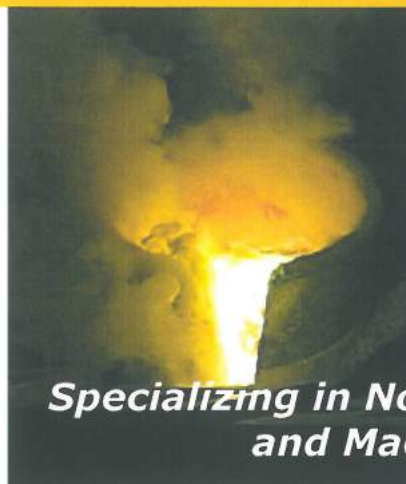
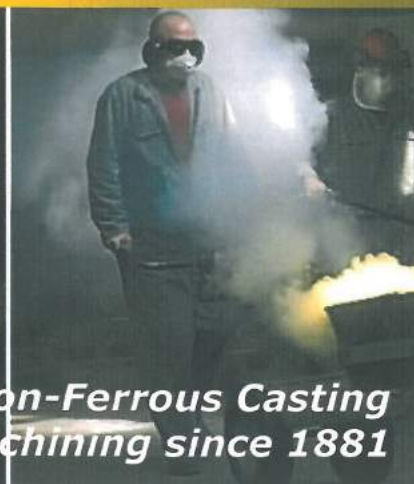




**GILTECH**  
PRECISION CASTINGS



*Specializing in Non-Ferrous Casting  
and Machining since 1881*



## Casting

**Bronze Alloys we cast  
Include:**

- LLLG2
- AB2
- NiB
- MnB

**Other Metals Include:**

- Aluminium  
(CC601)  
Suitable for  
heat treating

### Enquiries to:

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General Manager**

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Dunedin North 9059**

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**Phone: (03) 473 0680**

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**Have you  
considered  
using  
Aluminium  
Bronze  
(AB2)  
Castings?**

**Please see over for the  
reasons you might  
want to....**

## Machining

**High Volume:**

Diedesheim AMII  
Rotary Transfer  
Machine



**Mid - Low Volume:**

- 4 Turning Centres
- 2 Machining Centres
- 8 Production Lathes
- 3 Production Mills
- 16 Bar lathes that can machine up to 40mm bar

**ISO 9001**

**Certified since 1992**  
Visit our website for more  
information about us...

**www.giltech.co.nz**





## Aluminium Bronze (AB2)

AB2 is an ideal material for parts which require high levels of strength and abrasion resistance and/or corrosion resistance.

AB2 also has excellent resistance to stress corrosion and corrosion fatigue.

AB2's corrosion resistance is due to the formation of a tough thin skin which is self healing and eliminates flaking that is common with ferrous alloys.

AB2 also has a greater resistance to cavitation erosion than cast steel, monel alloys and 300 & 400 series of stainless steel.

AB2 is as strong as many ferrous alloys and it is possible, without any radical design to substitute AB2 where even mild corrosion of ferrous components is a potential problem. This is particularly important in critical areas of plant operations such as pumps and valves.

### AB2 is an ideal material for manufacturing:

- Impellers
- Propellers
- Shafts
- Pumps
- Valves
- Propeller Brackets
- Rudders
- Bushes
- Gears and Gear blanks
- as well as many other products

Giltech Precision Castings specialises in the casting of AB2 and has a furnace used only for melting this material.

We can produce castings that weigh up to 150 kgs.

All castings can be supplied with a certificate of analysis and a mechanical test certificate.

If you consider any of your products would benefit from being cast in AB2 contact [admin@giltech.co.nz](mailto:admin@giltech.co.nz) or phone 03 473 0680 with your product details and we will let you know if AB2 will be suitable for your application.