

Capabilities

LASER SINTERING

Breaseight's extensive laser etching & laser sintering service is comprehensive & efficient. Our state of the art laser sintering machines can automatically produce laser etching onto plastic, metal, ceramics and quartz based materials. Our laser sintering service can also produce laser etching directly from CAD data.



To read more click on image

CNC MACHINING

Our CNC machining operations include the HERMLE 'C 40', machine centre. Providing unmatched precision, the C40 is a universal CNC milling 5-axis machine for tool and mould making offering a maximum spindle speed 40 000 rpm.



To read more click on image

ROBOTIC MIG WELDING & TIG WELDING SERVICES

Robotic welding machine features a Yasnac controller and MIG welding and TIG welding functions. This machine also features a 3-working station area where MIG welding and TIG welding can be carried out progressively in all 3 areas. Mild steel, stainless steel and aluminium welding can be performed on this robotic welding machine.

PRESSWORK

Our presswork shop is equipped with 7 John Heine power presses ranging from 15 to 120 Ton and 2 hand presses. Our presswork capabilities allow us to pierce and fold up to 6mm thick steel plate. Smaller components can be hand pressed if required. Additional to these presswork resources, Breaseight Australia has highly skilled staff to design, manufacture and assemble our own in-house tooling.

Capabilities

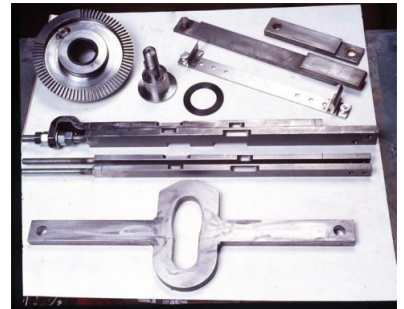
METAL FABRICATION ENGINEERING

Our metal fabrication engineering capabilities range from light sheet metal piercing and folding to heavy plate welding. Contact us for your metal fabrication engineering needs.



GENERAL MACHINING, JOBBING and short run manufacture

Breight Australia can manage the set up to manufacture small quantity orders. Low quantity machining items can be manufactured manually on our hand operated machines such as our conventional lathes, mills, drill presses and surface grinders.



COMPONENT ASSEMBLY

Additional to our manufacturing capabilities, Breight Australia's staff is also skilled in assembling manufactured components to make working assemblies. Some examples are, mechanical assembly of railway points machines, brake lever extension mechanisms fitted to NSW trains, and iron framework for the telecommunications industry.

