



Company Profile

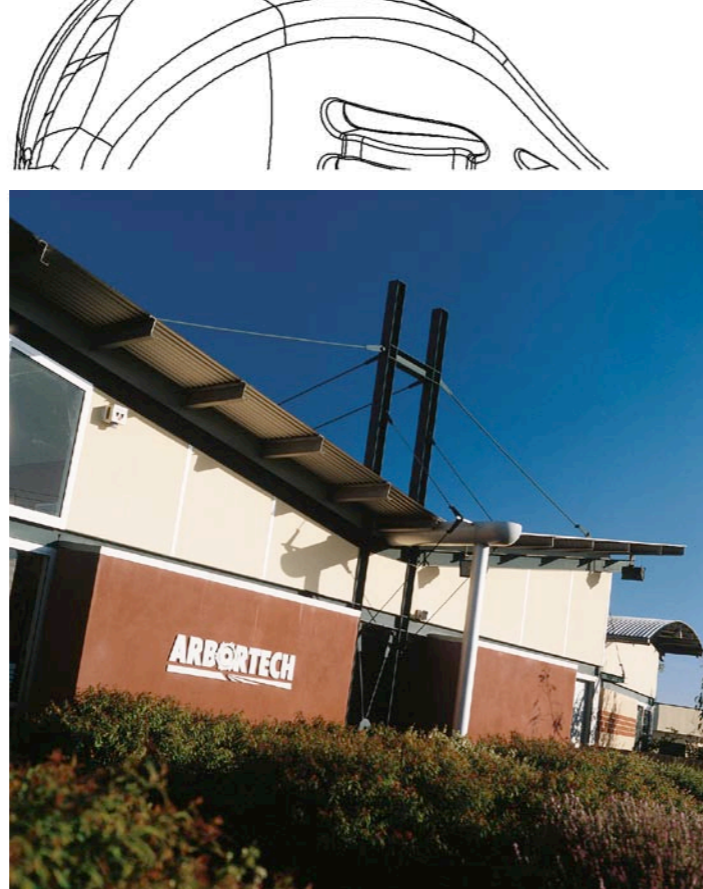
Arbortech is an Australian company engaged in the research, development and manufacturing of innovative technologies. Arbortech was incorporated in 1988 with the release of the Woodcarver™ Blade, a revolutionary product that allows the user to powerfully shape wood using free-hand techniques. Primarily known for its cutting technologies as featured in the Award-winning AS160 Brick + Mortar Saw, Arbortech also gained international recognition for its development of the Airboard™, a unique personal hovercraft that featured in the Sydney 2000 Olympics Opening Ceremony. Since its first product release, Arbortech has positioned itself as a leading manufacturer of unique woodworking and masonry cutting technologies. Arbortech has gained an international reputation for an innovative approach, engineering excellence and cutting edge technologies in already well established industries.

At present, Arbortech earns worldwide income from the sale of products derived from its Brick + Mortar Saw, Woodworking, Industrial, and Airboard technologies. Income is also earned through the sale of its intellectual property through license fees and royalties under license agreements.



Airboard

The Airboard was specifically developed for its appearance in the opening ceremony of the Sydney 2000 Olympic Games. Its current incarnation is a recent development from Arbortech's research and development facility. The Airboard floats on a cushion of air and riders can travel at a speed of up to 25kph/16mph while maneuvering into turns using a combination of weight transfer and throttle control. As a totally new and exciting type of leisure craft, the Airboard promises the user an exhilarating experience similar to skiing or skateboarding.



Research & Development

Researching and developing our range of technologies into products that make a real difference to the user is at the core of Arbortech's business. Whether it is by providing a safer and more convenient method, or through a creative approach, Arbortech's ability to challenge existing and at times outmoded ways of performing tasks is testament to the talents and dedication of our enthusiastic team who have already gained much international respect for their engineering excellence. Since Arbortech was established, the overall goal has been to position itself as a successful international company based on product and technological innovation.

Through our products and technologies, Arbortech seeks to open up new markets or expand existing ones. Our aim is to work in co-operation with others who demonstrate enthusiasm for change to provide end users with useful products to enhance their lifestyle.



AS160 Brick + Mortar Saw

AS160 Brick + Mortar Saw

Arbortech first commenced its research and development of brick + mortar cutting technologies in 1991. This development resulted in a revolutionary cutting action comprising two independent blades moving in an elliptical motion. Depending on the tooth configuration of the blade, the particular application can be tuned to cut hard materials such as brick or wood, but will not easily cut softer materials such as flesh. This technology provides a new method for cutting hard materials such as brick, stone and masonry with a large range of applications due to its safety and versatility.

After an extensive development program, the AS160 Brick + Mortar Saw was released into the Australian and European market to resounding success.

The AS160 is perfectly suited to renovation, restoration, and repair of brick buildings. The unique, twin bladed cutting mechanism and a variety of blade profiles, allow the AS160 to cut square corners, plunge cut to 120mm/4 3/4" depth and 70mm/2" height in bricks up to 52mpa. Future blades will include separated blades for chasing and diamond coated (PCD) teeth for improved performance and the ability to cut harder materials.

Woodworking Power Tools

The Woodworking range of products was first developed in 1988 to allow the user to sculpt and shape wood in any direction. The first product developed was called the Woodcarver blade, which could be fitted to a small 100mm/4" angle grinder. This caused a major breakthrough for woodworkers by offering an increase in productivity, without the limiting restraints of only working with square edges. The continual development of the woodworking product range has resulted in a wide range of power tools. The Mini-Grinder and Power Chisel have become very popular tools for woodworkers, proving their excellent design, engineering and efficiency in practice.



Mini-Grinder



Industrial Woodcarver



Power Chisel



Woodcarver

Future Products



Gasoline Powered wood + Brick + Mortar Saw

Gasoline Powered Wood + Brick + Mortar Saw

This tool is based on the principles of the AS160 Brick + Mortar Saw, with the main difference being that it is powered by a gasoline motor. This allows the tool to be capable of cutting brick, masonry, wood (particularly wood buried underground), and significantly out performing alternatives such as chainsaws or disc cutters using abrasive or diamond discs, with the added benefit of deep square cuts. With its groundbreaking features, it has the potential to replace the chainsaw as a safe, environmentally friendly option in many situations. The maximum depth of cut for this machine is 270mm/10 5/8".

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