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Precision Waterjet can provide you with precise abrasive waterjet cutting by [Mary Porter](#)

Article published on June 20th 2012 | [Business](#)

What exactly is abrasive waterjet cutting?

Abrasive waterjet cutting is the technology used by Precision Waterjet to cut virtually any shape into any material. The technique itself has been used with significant success by companies for over thirty years. Despite the availability of this procedure thirty years ago it wasn't used by engineers in any consistent capacity as they felt that the capabilities of abrasive waterjet cutting were strictly limited to the moulding of thin gaskets and foam materials. However, in ten short years, abrasive waterjet cutting techniques were being utilised by a whole manner of private and public centre institutions across a whole host of sectors.

The process of abrasive waterjet cutting is based on the principle that if you were to pressurize water to extremely high temperatures, and push the water through an extremely small hole called an orifice or a jewel, precise cutting would be achieved with a modicum of difficulty.

So, what exactly are the benefits of abrasive waterjet cutting?

Compared to traditional machinery techniques abrasive waterjet cutting is more cost-effective, and more often than not, can eliminate further machining processes. Abrasive waterjet cutting allows you to slice through most any material, form most any shape, as well as offering you a vast choice of material thicknesses. The quality of finish that this process invariably creates is a feel of smooth satin, the narrow kerf removes only a small amount of detail, and the machine composite materials, or materials where dissimilar materials are glued together, are as smooth as the process is proficient.

If you'd like to discover more for yourself regarding the waterjet cutting services that we're able to provide for a wide selection of customers across a number of industry sectors, or if you'd like to use our waterjet cutting services for your own individual application then you need only come and visit us online at: www.precisionwaterjet.co.uk.

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[Mary Porter](#) - About Author:

a [Abrasive waterjet cutting](#) has to be carried out with the greatest care and attention to detail if it is to be a resounding success. We have the most extensive assortment of high quality, reliable a [waterjet cutting](#).

Article Keywords:

Abrasive waterjet cutting, waterjet cutting