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New HotRot brand goes global!

Since its inception over 8 years ago, the name 'HotRot' has become globally recognised in the in - vessel composting market, and is seen as being synonymous with quality composting solutions and quality advice at more than 15 sites in 10 different countries around the world.

In these 8 years also, the HotRot group of companies has expanded its solution offering to include concrete aerated bunkers (MIDAS) and a solid state anaerobic digester (BEKON), with the United Kingdom and Europe leading this demand.

To better reflect this wider organic processing capability, and yet retain the market appeal and strength of the HotRot brand, we are this month embracing a new global brand: 'HotRot Organic Solutions'.

To reinforce this total organic solutions focus, some of our companies will also be changing their names to better reflect the brand. R5 Solutions (NZ) Ltd, which currently trades in New Zealand and Australia, will become HotRot Organic Solutions (NZ) Ltd, and will now expand to include the rest of the world, excluding UK and Eire, and Canada and the USA. HotRot Composting Systems Ltd, our UK based company, will now trade as HotRot Organic Solutions Ltd, and HotRot Exports Ltd will maintain its presence in Canada and the USA with our strategic partner Hatch.

We are all excited about the changes, and we look forward to continuing to work with you under the HotRot Organic Solutions brand to offer you a wider range of high quality solutions in a world where the need for sustainable organic waste reuse grows by the day.

*George Pottinger
General Manager*

ORGANIC SOLUTIONS

HotRot[®]

Aerated bunkers have their place

Aerated bunker composting systems are widely used around the world. Originally developed for the mushroom growing industry they are often used for process containment where the majority of the waste is yard or garden residues with smaller quantities of food and other organics.

While aerated bunkers cannot hope to match the OdourFree and leachate free operation of the HotRot system they are a significant improvement over traditional windrow systems. Aerated bunkers rely heavily on local on-site civil construction. HotRot Organic Solutions UK has worked with a UK precast concrete company to develop a unique aerated bunker system based on the use of pre-cast hollowcore concrete panels. The



hollow cores within the panels provide ducts for both aeration and leachate removal – hence the system is known as the Milbank Integrated Drainage and Aeration System (MIDAS). The use of pre-cast panels significantly reduces on-site construction time and costs.

HotRot Organic Solutions is currently in the detailed design stage for two MIDAS bunker composting systems to be built in England. These plants are expected to start construction in the latter half of 2009 and be operational by mid-2010. Following on from these projects, HotRot Organic Solutions

will look to offer the MIDAS system in specific applications within its global markets.

The MIDAS system is seen as complementary to HotRot. It has a lower capital cost and offers some of our clients an appropriate solution where space and environmental constraints with respect to odour, leachate disposal and noise are not as significant. We would only recommend this solution where the waste contains a high proportion of leaf or garden waste and food and putrescible residues are less significant.

Introducing our suppliers – Mace Engineering



Above: A HotRot 1811 hull under construction in the Mace Engineering workshops

A key contributor to the HotRot success story is our longstanding relationship with Mace Engineering. In addition to serving as our primary supplier of engineering and manufacturing services, the wider Mace Group is one of two major shareholders whose ongoing support has kept HotRot buoyant through the years of the company's development.

As the HotRot offices are located within the Mace building complex in central Christchurch, close collaboration is possible in all aspects of the business, from daily administration through to the finer details of HotRot design and production.

The frame and central shaft of each HotRot unit are fabricated in the Mace workshops and the unit then assembled with components sourced from other suppliers.

Mace staff remain involved with the manufacture of custom components required for the specific installation, and also assist with loading of the finished unit into a container prior to shipping.

The core of the Mace Group came into being in 1952, when founder Bill Mace bought Toomey's Grinding & Gear Ltd, a company he had previously managed, and renamed it Mace Engineering Ltd. Over the years the company's portfolio has broadened to the diverse range of services offered today, under the leadership of the founder's son, Ted Mace.

Ted has continued the company's commitment to research and development, as evidenced by his willingness to invest in novel concepts such as HotRot and the Pivotal Engine, a radical revision of two stroke engine design which aims to overcome the limitations inherent in conventional two stroke technology.

Currently Mace Engineering undertakes work across a wide range of client sectors, including manufacturing, aviation, defence, shipbuilding and the automotive industry, including tyre equipment and engine reconditioning. Jobs undertaken range in size and scope from one off items, through low volume production runs up to the fine tolerance machining of the 15 tonne turbines used in hydro-electric power generation.

In 1980 the Mace Group acquired the well known Christchurch pumping system company Brown Brothers Engineers Ltd. Establishment of a Brown Brothers branch in Australia in 1994 and the later purchase of Australia based Kelair Pumps means that Mace now has a strong presence across the Tasman.

For further information about the Mace Group of Companies visit their website at:

<http://www.mace-eng.co.nz>



Go to our website to see where the HotRot team will be next ... <http://www.hotrotsystems.com>

Until next time Keep the earth turning with HotRot!

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