

NEW PRODUCTS

POWERBRUSH COMPANY

A brush and collector which is at home whether sweeping hard surfaces or grass areas is exclusively available from the Power Brush Company.

Built to a robust construction, Power Brush produces two commercial sweepers, the "850" for narrow pathways and the "1010" for more open areas.

Power Brush Machines are fully hydraulic on traction and brush drive which keeps maintenance to a minimum. A differential on the drive axle provides pinpoint turning, allowing Power Brushes to quickly and efficiently clean in and around obstacles where larger units, such as brush attachments on tractors, simply will not go.

Forward and reverse is a feature of Power Brush Machines, which have sufficient power to pull a ride-on-seat and operator where large area coverage is required. Hydraulic powered side brushes can be fitted to Power Brushes to provide close edge cleaning and gully brushing.

When collectors are fitted a lever and pivot mechanism ensures minimal physical effort is required to empty without removal.

Several brush options offer vigorous or gentle brushing ability. Equally at home cleaning car parks, roadways and paths, Power Brush Machines when fitted with grass tyres and grass rollers are increasingly being used by grounds workers to cope with such tasks as collecting thatch, rabbit droppings and soil cores from grass areas.

For further information Tel: 01204 465434 or email sales@powerbrush.co.uk web: www.powerbrush.co.uk



SUPERVAULT MH

With the launch of the Supervault MH in Western Europe there is now a feasible above ground alternative available for bulk storage of petrol, long the province of below ground tanks.

Traditionally petrol has been required to be stored underground, but this system has recently encountered a variety of scrutiny mainly relating to accessibility for fire control and the product's inability to absolutely guarantee the prevention of soil and groundwater contamination in the event of a tank leak. Although modern electronic monitoring equipment can indicate the presence of a leak, the earliest warning of a problem is when the leak detector activates, usually signifying that ground contamination is already underway, leaving excavation and replacement of the leaking tank as the only option.

In an effort to eliminate the concern for potential environmental contamination, and the associated liabilities, many end-users have started opting for the benefits of aboveground storage tanks. The Supervault MH is a multi-hazard rated, fully bunded tank developed in the USA in response to environmental concerns.

The attractions of an above ground facility are evident in that it is not only clearly visible at all times but also dramatically reduces the disruption and costs of the extensive civils works associated with below ground tanks.

The Supervault design is fundamentally different in that true secondary containment is achieved utilising steel inner and outer tanks with the interstitial space filled with a lightweight, concrete based insulation. Such is the reduction in weight that units up to 70,000 litres are readily transportable.

The Supervault MH is the first tank to pass the stringent safety requirements of the US Uniform Fire Code Standard A-11-F1 and the South West Research Institute Standards 95-03 and 95-01, achieving both multi-hazard and 4-hour fire rating.



GLENMAC INC

The Harley Tractor Power Box Rakes measure 60, 72, and 80 inches. Mounted on a tractor of 18 to 75 hp, they offer the ultimate in maneuverability in site preparation.

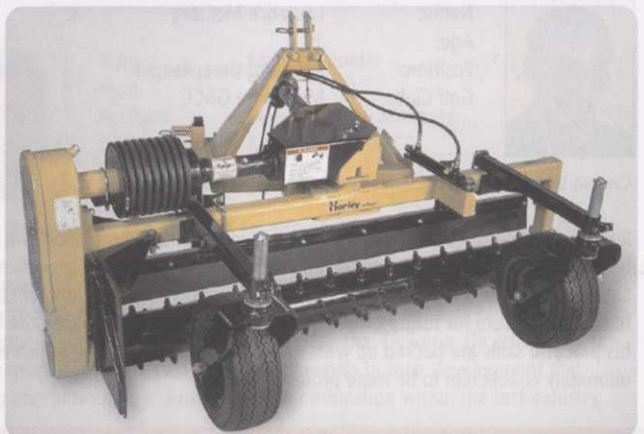
Manufactured by Glenmac Inc the Harley units attach easily to tractors with a 3-point hook-up and a quick hydraulic coupler. It simulates the action of a box scraper by dropping heavy-gauge plates at each end of the roller to trap and gather stones and debris for piling and pick-up.

Its bi-angular construction permits windrowing to either the right or left, speeding up the job of site preparation.

It can be used for a variety of time-consuming tasks gathering debris and stones for piling and pick-up, de-thatching, and removal of old sod. Harley's power roller system is equipped with pure carbide teeth that easily bite into compacted soil.

With one pass, the rakes create a soft, fluffy final finish that makes an ideal seed bed.

For further information Tel: 800/437-9779, Fax 701/252-1978, e-mail: sales@glenmac.com



BLAKEDOWN

Rootzone modification and drainage improvements are being achieved where 'Nutrovate – Ecological Turfgrass System' – is being installed into all sports turf surfaces.

Nutrovate is a natural mineral possessing a Cation Exchange Capacity greater than 150 milliequivalents/100 grams (meq/100 gm) of product.

Nutrovate has a molecular structure of aluminium and silicate that is microporous with an extensive internal surface area that is responsible for its high performance characteristics.

Nutrovate assimilates nutrients held (immobilised) on soil colloids and also by the affect that pH has on the availability soil nutrients. This moderation reduces nutrient deficiencies caused by high or low pH levels.

Improved efficiency of plant food utilisation and reduced leaching of nutrients optimises fertiliser material and application costs.

The addition of Nutrovate improves the CEC, drainage/moisture retention and soil texture without increasing the the organic matter content. A 10% inclusion rate added to a pure sand rootzone increased the CEC by over 25%.

Working to a depth that connects into existing drains improves and maintains infiltration rates; likewise, when a compacted surface is relieved and an open surface created movement of water and air is enhanced.

For further information Tel: 01295 266600 Fax: 01295 277700
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COURSE CARE

Already proving very popular in the USA, the Smoker's Cease Fire has been launched in the UK and is being marketed by Course Care.

It is an attractive, yet safe way for people to discard their cigarette ends and, being designed to accept these and no other waste, reduces the risk of fire hazards. The Cease Fire also eliminates the need for containers full of sand or drums that are often used as rubbish bins, increasing the chance of fire.

Available in five colours to tone in with surroundings, the Smoker's Cease Fire incorporates an innovative design that limits the flow of oxygen to safely and effectively extinguish cigarette ends. No need to stub them out – just drop them in!

Made from flame retardant material needing little maintenance, The Smoker's Cease Fire is available by mail order from Course Care at £90 + VAT delivered.

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HYDROSCAPE

In recent years there has been an increased use of irrigation systems to maintain sufficient plant-available water, particularly on sand dominated golf greens. Much of the irrigation water used in the UK is of an alkaline nature, having a higher than neutral pH level while holding high levels of carbonates and bicarbonates and its regular use causes a significant increase in root zone alkalinity. This, in turn, leads to problems of drainage, fungal disease, weed grass growth and surface casting by earthworms. Such alkaline water can be used safely if acidification of the irrigation water takes place as a means of maintaining soil pH within the optimum range for fine turf growth.

Traditionally, this practice has been carried out using acid injection systems that have proved expensive to both run and install, with the added Health and Safety issues created by the handling of acids.

Development of the Sweetwater system can now revolutionise the way golf course management approach this problem, with both a lower initial investment and running costs, a safer environment and more precise control over pH levels.

Designed as an add-on to existing irrigation systems, the Sweetwater Solution unit comprises of a sulphur dioxide generator linked to the water extraction source, albeit a borehole, reservoir, lake, pond or storage tank, enabling the modification and control of pH levels in water used for irrigation purposes and, subsequently, absorption into the fine turf root zone. If, for example, the golf course is built on alkaline soil and/or the irrigation water has a higher than neutral pH, the Sweetwater Solution generator will, by modifying the characteristics of the water, improve the characteristics of the soil, encouraging deeper root penetration and creating ideal conditions in which acid loving grasses will thrive. In addition, the Sweetwater Solution generator reduces the need to apply fertilisers by helping grasses use nutrients and micronutrients more effectively and provides sulphur, the fourth major nutrient, in a soluble form. Ultimately, as the soil plant water relationship becomes more efficient the volume of water required to irrigate successfully is reduced. Tried and tested, sulphur dioxide treated water not only improves water penetration it also helps relieve topsoil compaction and minimises the use of wetting agents.

In addition to reducing soil pH the sulphur dioxide treated water controls algae growth in reservoirs, lakes and ponds, not only improving their appearance, but also reducing the risk of algae build up in irrigation pumps, valves and sprinkler heads.

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