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Specialised **drainage** trenchers

Trenching equipment company Trench It is promoting its range of specialised trenching products for use on drainage projects, sports field irrigation, farming and horticulture.

Drainage has become a very important component in sportsfield work, to the extent that if you ask any turf manager what single improvement would contribute most to the quality of their fields, 'drainage' would be heard above any other.

Trench It says it has developed and designed sports turf, agricultural drainage and irrigation equipment with high daily outputs, that are reliable, affordable and robustly made.

How the Trench It system works

In a one-step operation, excavated soil is removed via a conveyor system as the Trench It attachment moves along the just-cut 500mm- to 600mm-deep drainage trench. Primary drainage pipes are then placed in the trenches. This initial drainage must be installed in conjunction with secondary drainage, which is there to channel surface water into the primary networks. Free draining metal and sand is then used to back fill the trenches using a specialised backfill hopper, also designed by Trench It.

Advantages of good drainage

Increased load bearing ability: With good drainage, foot traffic, as well as wheeled traffic

from golf carts, tractors and mowing equipment, will cause less compaction to the turf. A good system will promote better turf growth and speed up play delays caused by wet weather.

Better water absorption: After rainfall, well-drained soil has more air space. This reduces water run-off on ground surfaces and alleviates ponding in low-lying areas. In poorly-drained soils, these areas become waterlogged, with ponding and flooding often occurring.

Improvement of subsoil moisture condition: A subsurface drainage system lowers the water table for a considerable distance from the drain. ■

For more information contact Matt Cooney on 027 289 7101, trenchitz@xtra.co.nz or visit trenchit.co.nz

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