

Geo Injector Portable



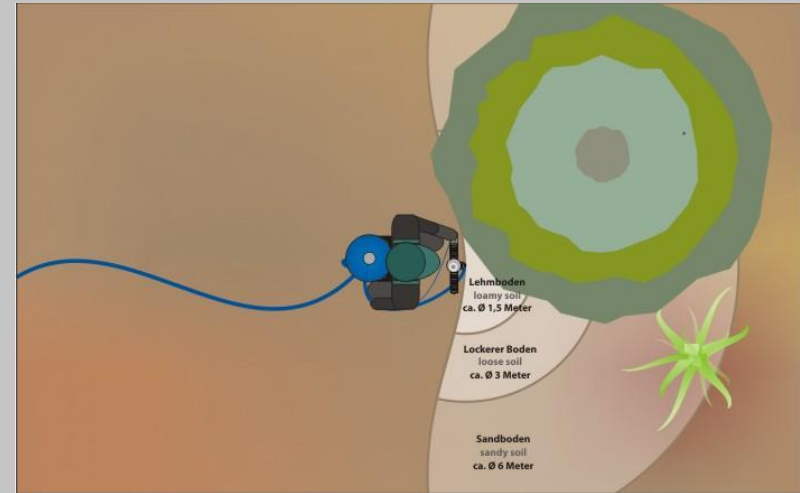
The Geo Injector Portable is designed for use in landscaping and communal areas, where it is used on selected tree, shrub and green area maintenance. The VOGT Turbo Spade drives a hollow spike into the ground. The air flowing through the spike eliminates harmful compaction in the subsoil. Granules or gels which optimize the soil water holding capacity or nutrient supply are injected into the soil at a predetermined depth via the hollow spike. To supply the Geo Injector Portable with compressed air,

a portable compressor delivering 1200 l /min is sufficient to operate the system. The compact light-weight design of Geo Injector Portable has short setup times, is very flexible in that many different active ingredients can be introduced into the soil and the high mobility of the unit makes the job quick and easy. In addition, the important parameters of working depth, air pressure and application rate are individually adaptable to soil type and needs of the plant.

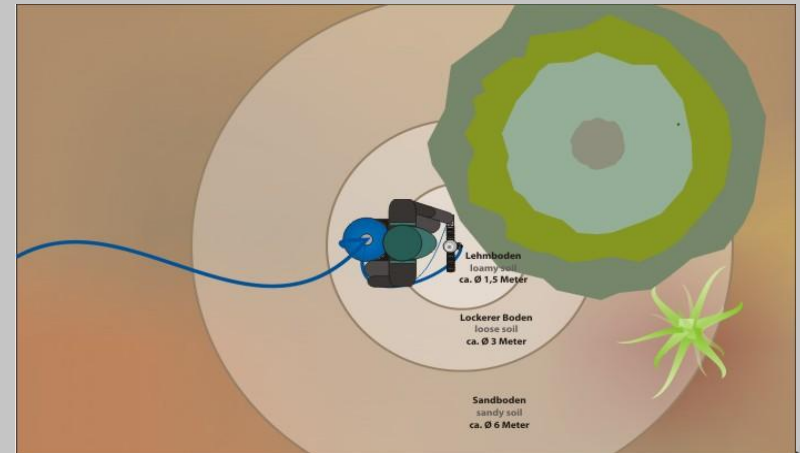
**made
in
Germany**

Geo Injector Portable - Function principle

Injection tube with one-sided outlet



Injection tube with outlet on both sides



Geo Injector Trolley

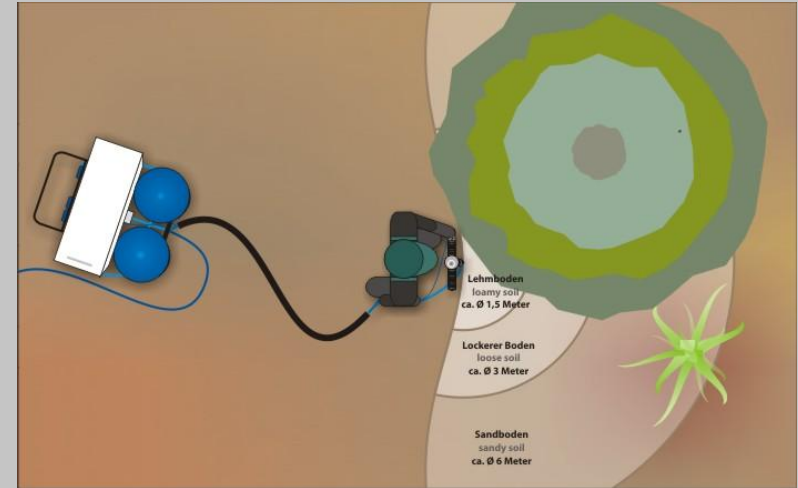


The VOGT Geo Injector Trolley is the solution for Landscapers, municipalities and planters who want to get rid of soil compaction patches and increase the nutrition and water storage capacity of their soil. The VOGT TurboSpade drives an injection pipe into the ground. Through this spear, air and granules are inserted into the soil to optimize nutrition and water supply. The device is designed for efficient operation processes and comes with a 7 meters supply hose, pneumatic one hand control panel, a capacious granulate tank with draining opening and an adjustable metering system. Water and compressor

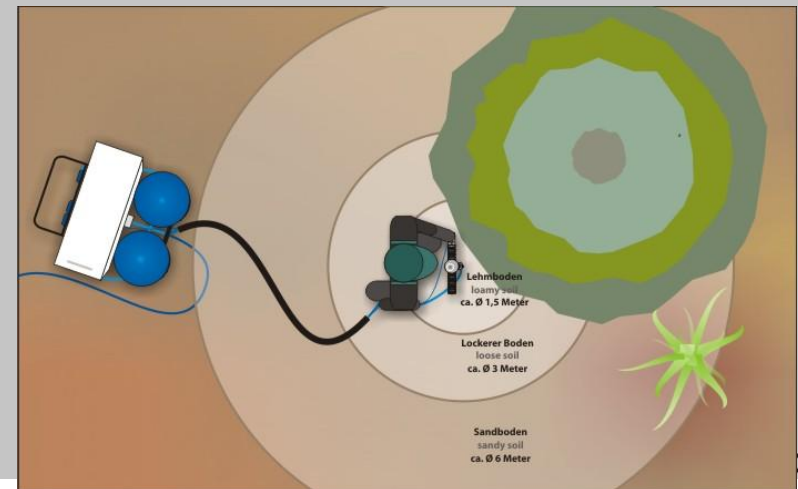
oil are extracted by a three-level filter system to avoid granulate melting and to protect the environment. The 60 liter tanks ensure huge aeration power, and the working pressure can be adjusted to different soil conditions by a pressure reducer.

Geo Injector Trolley - Function principle

Injection tube with one-sided outlet



Injection tube with outlet on both sides



Geo Injector Mobile

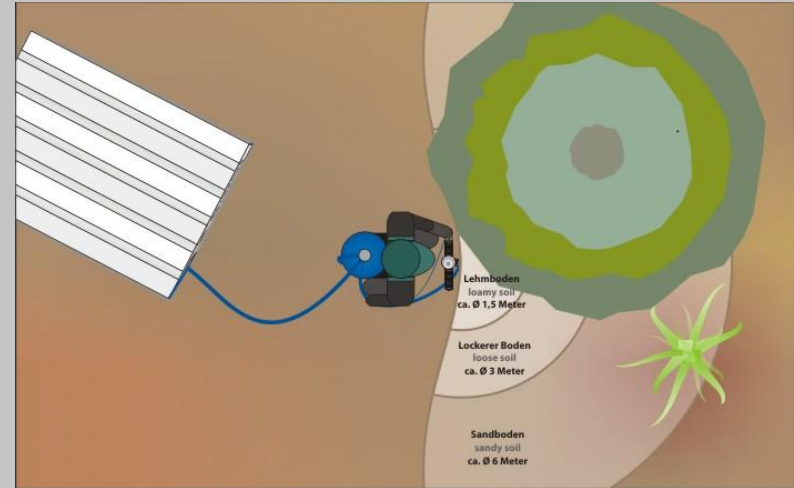


For professional use in plantations or in the service sector the Geo Injector Mobile is recommended. Here, the Geo Injector Portable is supplied with a gasoline engine-driven air compression system that is designed for long and tough applications and is transported on a pickup or flatbed. Multi-stage filtration and air cleaning devices in the suction and pressure area care for safe use and high air quality. In

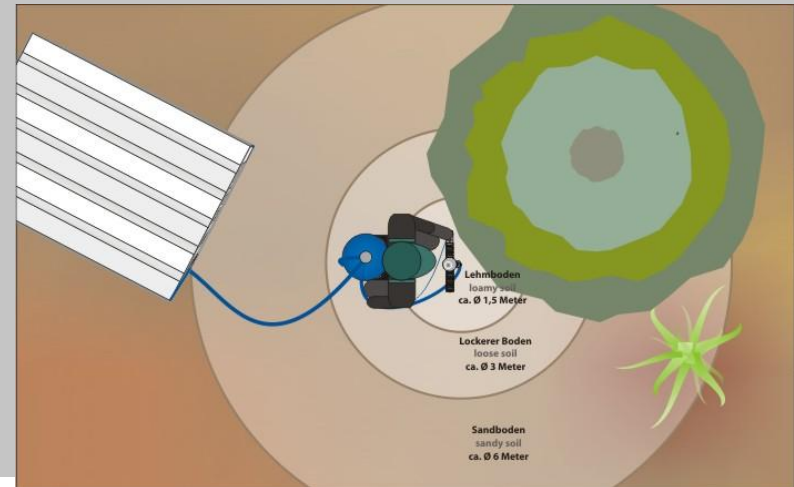
addition to sand and dust particles the compressor oil is filtered out safely, to prevent the introduction of pollutants into the ground. Simultaneously, the risk that hygroscopic granules clump is reduced to a minimum.

Geo Injector Mobile - Function principle

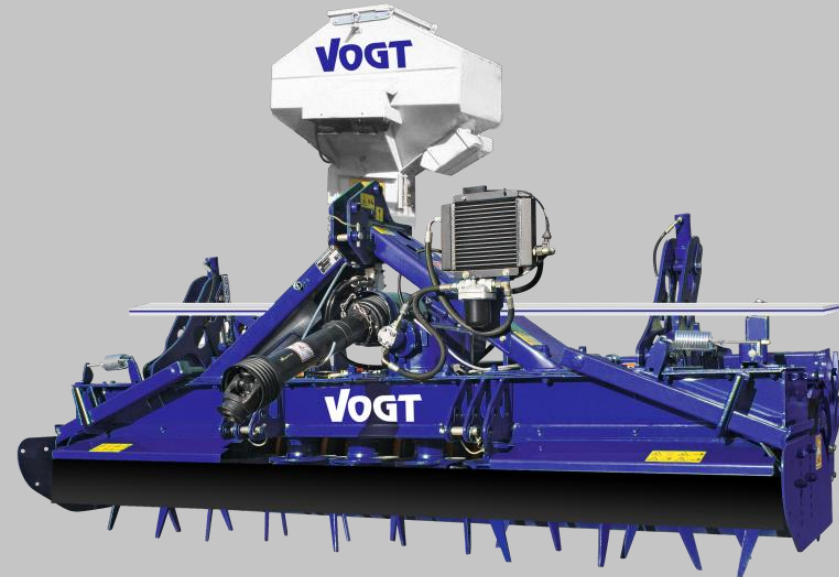
Injection tube with one-sided outlet



Injection tube with outlet on both sides



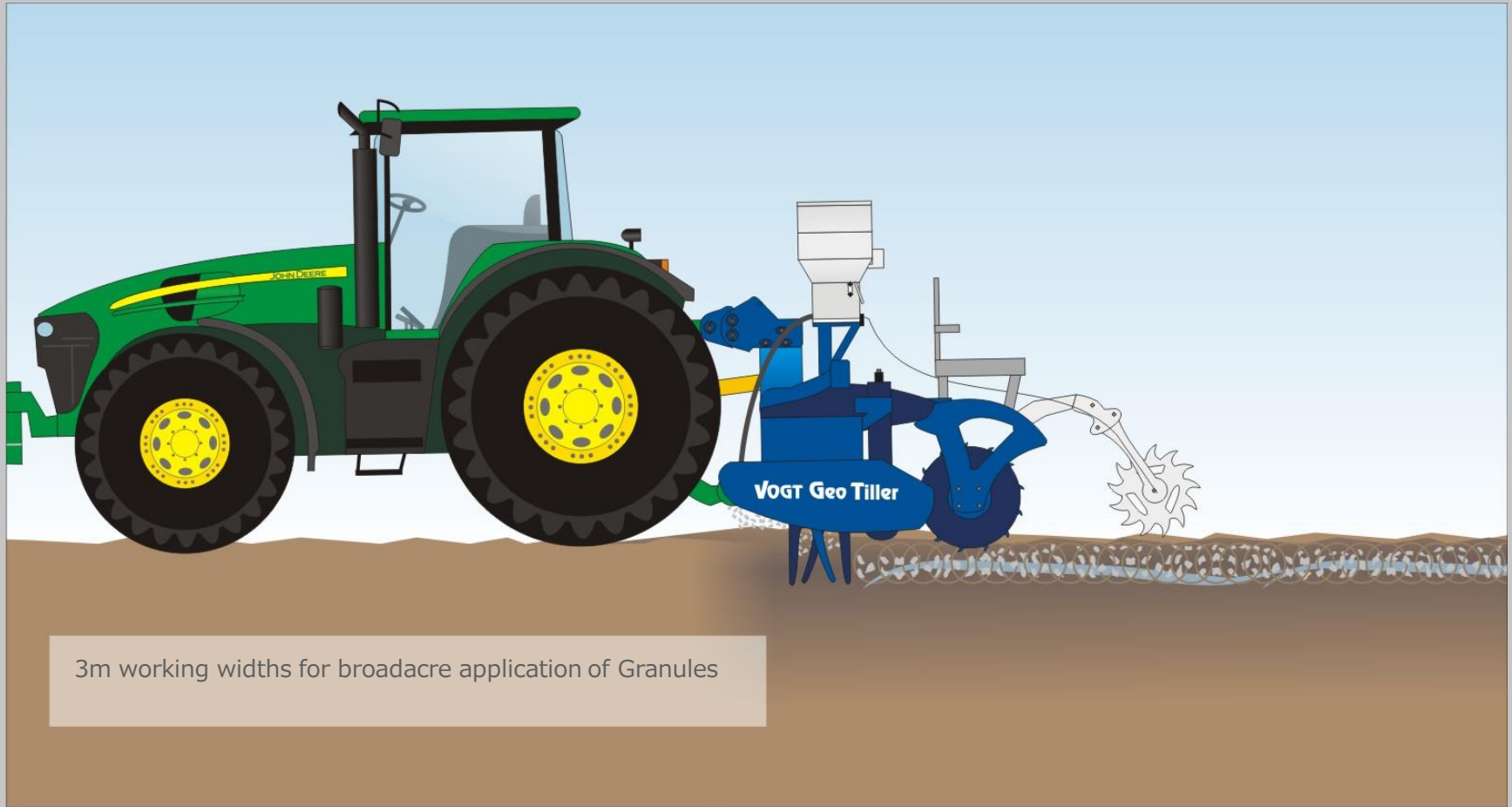
Geo Injector Tiller



Even modern crop farms can benefit from newly developed soil additives. These are metered precisely from a 300 liter tank and transported to the tines through air-powered hoses. To counteract the drift of fine-grained granules, fan speed is adjustable and the working area around the outlet openings of the dosing tubes and the tines are equipped with a flexible housing. The granulate material falls to the ground there, where it is mixed by rotating tines on the set working depth (up to 25 cm).

A uniform depth control is guaranteed through an adjustable tooth packer roller. Simultaneously, the soil gets re-compacted for ideal germination conditions and minimal risk of erosion. A variety of metering rollers and a transmission with variable ratio rates of a few kg to 100 kg are available. To drive the 3 m wide unit, a 150 hp standard tractor is sufficient, which works over 2 ha / hour at a speed of up to 8 km / h.

Geo Injector Tiller - Function principle



Power Planter



The PowerPlanter is a very effective device to increase the efficiency in orchards. It lays the foundation for healthy trees and reduced irrigation costs during planting. Granulate is poured into the filler neck before the drilling process starts. This granulate leaves the bottom of the drill bit sideways and the auger mixes it evenly with the already loosened soil. Once the correct depth is reached, the soil conveyed upwards is displaced outwards with an integrated scraper, which effectively prevents soil rolling back into the

hole. The process is completed by putting the tree into the prepared hole and filling the hole with the soil-granule mixture. For efficient work without fatigue the unit is equipped with a chassis and a 15-liter container for transportation of granules. Unlike many conventional soil drills one person is sufficient to operate the PowerPlanter.

Power Planter - Function principle

