

AerJet 500

The AerJet drives a single probe to blast pressured air+liquid up to 500 mm beneath the surface of the soil.

AerJet 500	Technical specifications
Weight	320 kg (705 lbs)
Injection pressure	50-110 psi
Injection depth max	500 mm (20")
Number of blasts per cycle, standard	5 going down, 5 lifting out (frequency and depth adjustable)
Dimensions (lxwxh)	1.3x0.8x1.8 m (4.3 x2.6x5.9 feet)
Compressor required	minimal 1 m ³ (40 cubic feet) of air per minute
Tractor required	min 38 hp, 3-pt linkage, hydr flow 25lts/min, max hydr pressure 2500psi, one double acting hydraulic valve with two ½" quick fittings, one none pressure return to sump fitting, one 12-volt live power to activate hydraulic knocker with switch activated by the operator



The AerJet is a tractor mounted deeptine aeration machine, designed to alleviate deep soil compaction in areas such as sports pitches and golfcourses, vineyards and industrial

areas. The AerJet drives a single ø25 mm probe, blasting air in 4 directions, down to a maximum of 500 mm beneath the surface of the soil, thus lifting, expanding and de-compacting the soil.

Life giving air is injected into the soil and profile, allowing plant roots to breath, and giving roots room to grow downwards and to the sides. Compaction, panning and waterlogging is relieved as the drainage improves.

Due to its compactness and maneuverability, the AerJet can do its work in very small spaces. Like in the city, around trees, next to the pavement, where it relieves the sewerage, especially after downpours. Problematic trees in parks or nurseries, whose roots have difficulty growing downwards, can be revitalized.



Optional a pump+liquid applicator can be added, pumping micro-organisms through the newly created air channels in the soil, like liquid seaweed, charcoal, fertilizers. Thus, the soil quality is being improved, and aeration holes remain longer open.



towed compressor