



Root Pruning Services

At **Sports Turf Services**, we specialize in advanced root pruning techniques designed to maintain the health of your trees, protect the integrity of your turf, and prevent costly damage to turf or cart-paths. Using state-of-the-art equipment like the **Imants RootPruner**.

Whether you're managing a golf course, sports complex, or commercial landscape, our root pruning services deliver tailored solutions to meet your unique needs. Trust us to improve soil aeration, promote healthier growth, and preserve the long-term value of your property.

Root pruning should be completed annually to manage fibrous root systems, which grow aggressively and can quickly encroach into turf areas, depleting essential water, nutrients, and oxygen. Regular pruning prevents these roots from establishing dominance, ensuring healthy turf growth and reducing the risk of surface damage and nutrient competition.

The main benefit of using the RootPruner is minimal surface disruption. The machine is designed to operate with minimal disturbance to the surface, the RootPruner eliminates the need for post-operation cleanup, making it efficient for maintaining the aesthetics and integrity of the turf.

Alternative options such as a Chain trencher or Wizz Wheel are labour intensive and require expensive backfill often requiring extensive clean up or very specialised **heavy** messy equipment compared to the simplicity of the RootPruner.

Chain Trencher

VS

RootPruner



Summary: The benefits of using the RootPruner are clear. It is a specialized tool designed for effective, precise, and low-impact root management, making it a superior choice for turf maintenance and sports field applications. In contrast, trenchers are more suited for heavy-duty digging tasks and lack the finesse needed for controlled root pruning in sensitive areas.

1. Minimal Surface Disruption

- **RootPruner:** Designed to prune roots with minimal surface disruption, leaving turf and landscapes intact. It eliminates the need for extensive cleanup or repair, preserving the aesthetics and functionality of the area.
- **Trencher:** Typically causes significant surface damage, requiring post-operation turf repair or reseeding, which increases labor and downtime.

2. Dual Cutting Action

- **RootPruner:** Features dual cutting mechanisms that sever roots in two places, ensuring they don't reconnect. This improves the effectiveness of root pruning while maintaining the health of surrounding turf.
- **Trencher:** Simply cuts or removes roots without dual-action mechanisms, often leading to regrowth and repeated encroachment.



3. Efficiency and Precision

- **RootPruner:** Targets and prunes roots up to 100mm (4 inches) in diameter.
- Operates with precision, focusing on problematic roots while leaving surrounding soil and plants undisturbed.
- **Trencher:** While capable of deeper cuts, it is less precise, often removing unnecessary soil and damaging non-invasive roots.

Time and Cost Efficiency

- **RootPruner:** Requires minimal post-operation maintenance, reducing labor costs and field downtime.
- Can perform tasks quickly without the need for heavy restoration work.
- **Trencher:** Involves additional time and costs for repairing damage, reseeding, and restoring disturbed areas.

6. Versatility

- **RootPruner:** Ideal for managing root encroachment in turf areas, golf courses, and sports fields.
- Designed specifically for shallow, controlled root pruning up to 10 inches deep.
- **Trencher:** Primarily used for digging trenches and may not be as effective for targeted root management, especially in shallow applications.

The Benefits Are Clear.



Root pruning offers several benefits, particularly for managing turf health, tree growth, and overall landscape maintenance. Here are the key advantages:

1. Enhanced Turf Health

- **Prevents Competition for Resources:** Pruning tree roots that invade turf areas reduces competition for water, nutrients, and oxygen, improving the health of the turf.

2. Protects Turf and Infrastructure

- **Reduces Surface Damage:** Root pruning prevents tree roots from causing surface irregularities or damage to sports fields, golf courses, and other landscaped areas.
- **Protects Infrastructure:** It safeguards cart-paths, Sidewalks curbs, and irrigation systems from damage caused by root encroachment.

3. Promotes Controlled Tree Growth

- **Encourages Fine Root Growth:** Cutting large roots can stimulate the growth of smaller, finer roots that are better suited for absorbing water and nutrients.
- **Limits Tree Overgrowth:** Pruning roots can help control the size and spread of trees, making them more manageable in confined spaces.

4. Aesthetic Benefits

- **Maintains Aesthetic Appeal:** Eliminating invasive roots improves the visual quality of lawns, landscapes, and sports fields.

5. Long-Term Cost Savings

- **Reduces Maintenance Costs:** Preventing root-related damage to turf and infrastructure minimizes expensive repairs and renovations.
- **Improves Longevity:** Regular root pruning extends the life of turf, trees, and infrastructure, reducing the need for replacements.

6. Improved Playability on Sports Fields

- **Consistent Surface Quality:** In sports fields and golf courses, root pruning ensures a smoother, safer playing surface.
- **Prevents Drainage Issues:** It addresses root-induced compaction and improves drainage, reducing water pooling.

Theres more than you think!



Roots under a Cart-Path – A costly avoidable repair!



Choose ***Sports Turf Services*** for your root pruning needs and experience the difference of expert care and advanced technology. Using the state-of-the-art Imants RootPruner, we deliver precise, clean, and efficient root management with minimal disruption to your turf. Our team's expertise ensures fibrous root systems are controlled annually, preserving water, nutrients, and oxygen for optimal turf health.

Protect your landscapes, infrastructure, and investment by partnering with a company committed to excellence and long-term solutions. Let us help you maintain a healthier, more resilient turf environment.

An Example of Completed Work - No Clean Up.

