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Winner

Workplace Health and Safety
Solution of the Year

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Tree Coach®

Embracing nature for generations to come

Tree Coach® – revolutionising tree planting

An innovation like no other

Tree Coach® is a reusable, flexible tree establishment and support system designed to provide stabilisation of newly planted trees while controlled trunk movement to promote strong root development and trunk taper.

The system replaces traditional hardwood staking by utilising flexible support elements that prevent excessive root-ball movement during establishment, maintaining tree stability in normal wind conditions, and allowing controlled trunk movement to encourage structural development. This approach aligns with contemporary arboricultural best practice, which discourages rigid staking that can inhibit natural strengthening of young trees.

Traditional hardwood stakes have historically been used to stabilise newly planted trees but present several limitations, including dangerous and repetitive manual installation requirements, rigid restraint, potential trunk damage, breakage, and removal challenges. Tree Coach® provides a compliant alternative that achieves the functional intent of hardwood staking while addressing these limitations.

Since hardwood harvesting has been heavily reduced across most Australian states, wooden stakes are now being imported from countries with little or no forestry controls (as per OECD reports). Alternatively, Tree Coach® stands at the forefront of effective and sustainable procurement as manufacture utilises post-industrial recycled materials, and after use, will become repurposed as another Tree Coach® component or other sustainable and circular products such as furniture, building materials, electronics or appliances.

Tree Coach® is intended for use during the establishment period only and is removed once the tree is self-supporting.

Typical applications include:

- Urban Streetscapes, Parks and Reserves
- Council tree planting programs
- Commercial and residential developments

Key characteristics

- Flexible, wind-responsive support
- Reduced risk of trunk abrasion and stake damage
- Reusable and recyclable components
- Integrated planting and water management functionality (where specified)

Sustainability Considerations

- Reusable components reduce material consumption across projects.
- Can be repurposed into other circular products such as furniture, building materials, electronics or appliances.
- Eliminates reliance on single-use hardwood products and importation.
- Supports all council and developer sustainability objectives.

Alignment with Arboricultural Best Practice

Tree Coach® aligns with the principles outlined in AS 2303 – Tree Stock for Landscape Use, including avoidance of rigid trunk restraint, encouragement of natural trunk development, and temporary support only during establishment.

It also supports the intent of AS 4970 – Protection of Trees on Development Sites by minimising long-term physical impacts to the trunk and root zone.

Risk Reduction Compared to Hardwood Stakes

Compared with hardwood stakes, Tree Coach® eliminates strenuous stake ramming, stake splintering and ground retention issues, and reduces the likelihood of trunk abrasion and girdling, reduces trunk scoration, vandalism and trip hazards, and minimises long-term site remediation associated with forgotten or broken stakes.



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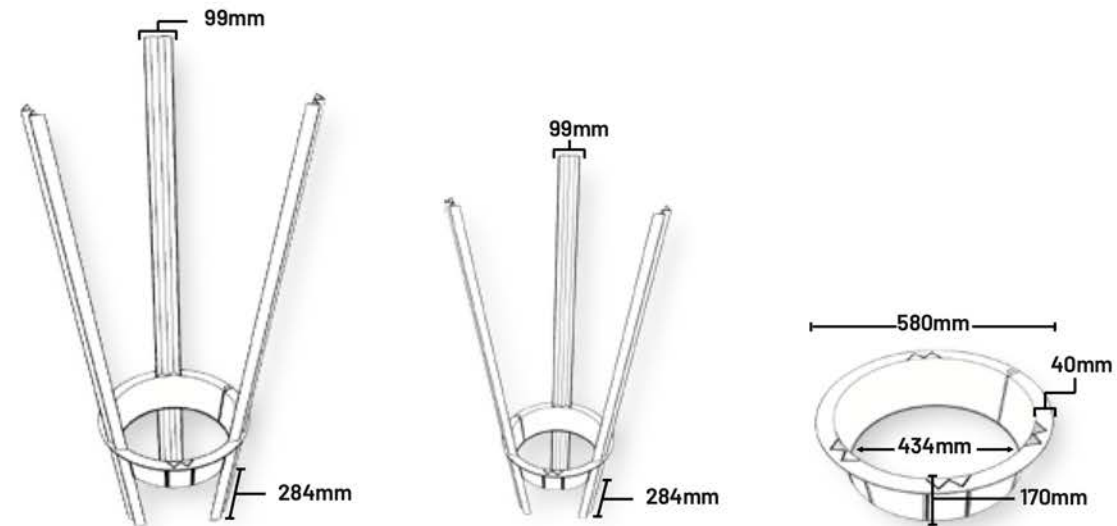
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Tree Coach® provides a compliant alternative that achieves the functional intent of hardwood staking, while addressing its limitations.

The flexible support elements limit excessive root-ball movement without rigidly fixing the trunk, providing stabilisation of newly planted trees, while allowing controlled trunk movement to promote strong root development and trunk taper.

Product Range & Specification



	Tree Coach Stake 1.8	Tree Coach Stake 1.2	Tree Coach Water Bowl 30L
Dimensions	1800mm x 99mm x 32mm (Length x Width x Height)	1200mm x 99mm x 32mm (Length x Width x Height)	580mm x 170mm x 30 Litres (Diameter x Height x Capacity)
Tree Size	1.5m to 3m	Up to 1.5m	20cm - 45L
Approx. Planting Depth	Same as Pot Size	Same as Pot Size	10 - 20mm
Product Weight	796g	532g	1,123g
Product Use	With Tree Coach Water Bowl	With Tree Coach Water Bowl	As a stand-alone Water Bowl

PLANTING INSTRUCTION GUIDE



STEP 1



EXCAVATE

Excavate shallow hole relative to the depth of the root ball, with tapered sides. Ensure sides of hole are broken up. DO NOT over-excavate beyond the depth of the root ball.

STEP 2



ASSEMBLE

Assemble Tree Coach Bowl, insert Tree Coach Stakes into the stake guides and ensure they are secured against the body of the Water Bowl.

STEP 3



INSTALL

Install the Tree Coach® unit into the planting hole. Position the Water Bowl with its base level with, or slightly under, the surrounding grade to ensure correct operation.

STEP 4



PLACE

Place the tree centrally in the Tree Coach Water Bowl and Stakes after teasing the root ball. Backfill 50% and consolidate by foot. Backfill remaining soil and consolidate around the root ball and the water bowl by foot.

STEP 5



TIE & FIX

Centred planting of the tree is required before tying. Tie tree and staple fix to Stake using tree tie as per specification and standard industry practice. DO NOT use tree ties to pull the tree straight.

STEP 6



MULCH

Use mulch as per specification and water the tree according to its root ball size.

STEP 7



FINAL CHECK

When complete the Water Bowl should be sitting above ground, the Stakes should be level height, and the tree central to the installation being supported by the Stakes.

For more information, contact our distributors:

Arborgreen

(VIC, NSW, QLD, SA, TAS and NT)

☎ 1300 760 642

✉ sales@arborgreen.com.au

🌐 www.arborgreen.com.au



StrataGreen

...grow with us

(WA and NT)

☎ 1300 866 367

✉ sales@stratagreen.com.au

🌐 www.stratagreen.com.au



www.tree-coach.com.au



0455 777 677



PO Box 9058, Scoresby VIC 3179