CONTENTS

3 About Platipus
4 The Platipus Earth Anchor

Tree Anchoring with Anchors
5 Rootball Fixing System - Plati-Mat
6 Palm Tree Systems - Plati-Mat 3LEG / 4LEG
7 Guy Fixing System / Contractors Guy Fixing System

Tree Anchoring without Anchors
8 D-MAN System Plati-Mat
10 Deadman & Eyebolt Systems - Plati-Mat
11 Permanent Anchoring

Other Products
12 Piddler
13 Rootball & Deadman Fixing Systems - Strap
14 Eyebolt Systems - Strap & Platipus Root Barrier

Guidance & Technical Support
15 Installation Tools
16 Designer Guidelines
17 Contractor Guidelines, AutoCADs, Tender Specifications
18 Presentations, On-Site Assistance, Installation Instructions & Videos
19 Installation Instructions
Since first pioneering the concept of underground tree anchoring in 1983, Platipus have designed, manufactured and supplied systems to secure, stabilize and irrigate trees across the world on prestigious projects as well as thousands of smaller and private sites. Examples of prestigious projects are below:

- Great Ormond St Hospital, London
- Porsche Headquarters, Germany
- Al Wajba Palace, Qatar
- Four Freedoms Park, New York
- Porto Montenegro Marina, Montenegro
- Museum of Old & New Art, Hobart, Australia

By securing the rootball underground our systems allow for quick root development resulting in very low mortality rates for newly planted trees.

A comprehensive range of kits and installation tools are available to provide above and below ground anchoring for standard and semi-mature tree transplants up to 20m high. With continuous innovation we have developed high quality specialist tree anchoring solutions including deadman, specialist roof top and palm tree applications.

**Landscape Architects & Designers specify Platipus because we offer:**
- Systems that provide a safe, smart & uninterrupted finish to the landscape
- A proven track record for over 30 years
- Technical support & specification guidance
- Presentations & demonstrations

**Landscape Contractors use Platipus because we offer:**
- Affordable solutions
- Fast & easy installation
- On-site training & installation support
- High quality engineered products & installation tools
Our Percussion Driven Earth Anchor (PDEA) is a unique, modern and versatile device that can be rapidly installed in three steps using simple hand or powered tools. The cutting edge design ensures fast and easy installation and when fully loadlocked the anchor is immediately ready for use.

These systems are specifically designed to provide security and stability to the transplanted tree for three to five years whilst the roots establish themselves. Thereafter key elements of the system will degrade to allow unrestricted root growth and the remaining parts may be recycled.

The following anchors are used in our tree systems and are selected according to the size of the tree, the design and layout of the planting area and local soil and weather conditions. Where appropriate, we can test our anchors on site, prior to installation, to provide quantifiable load data. Bespoke solutions for projects requiring a longer design life can be supplied using stainless steel accessories.

<table>
<thead>
<tr>
<th>PRODUCT CODE</th>
<th>DIMENSIONS L x B x H (mm)</th>
<th>MATERIALS</th>
<th>ANCHOR CABLE LENGTHS</th>
</tr>
</thead>
<tbody>
<tr>
<td>S02E</td>
<td>80 x 28 x 25</td>
<td>Aluminium Alloy</td>
<td>0.6m</td>
</tr>
<tr>
<td>S04E</td>
<td>121 x 41 x 34</td>
<td>Aluminium Alloy</td>
<td>0.75m</td>
</tr>
<tr>
<td>S06E</td>
<td>171 x 58 x 50</td>
<td>Aluminium Alloy</td>
<td>1.2m</td>
</tr>
<tr>
<td>S08E</td>
<td>263 x 90 x 76</td>
<td>Aluminium Alloy</td>
<td>1.5m</td>
</tr>
<tr>
<td>B06T</td>
<td>336 x 206 x 91</td>
<td>Galvanised Spheroidal Graphite Iron</td>
<td>1.5m+</td>
</tr>
</tbody>
</table>
The Platipus rootball fixing system, including Plati-Mat, remains the preferred method of securing rootballed, airpot and containerised semi-mature trees. The ease of installation and lack of unsightly guy wires makes it the first choice of customers.

Over the past three decades, we have developed an extensive range of unique underground fixing solutions to suit most applications.

The Plati-Mat allows secure positioning of newly transplanted trees, whilst offering major benefits over traditional root support systems.

Available in four standard sizes, the Plati-Mat can be tailored to suit most rootball dimensions. This significant development allows faster installation and provides a greater contact surface area at the top of the rootballed or container grown tree.

**The benefits include:**
- Planting at the nursery line
- Reduced overall installation time
- More secure fixing creating better establishment
- No unsightly stakes or timber above ground
- Suitable for most rootballed and containerised stock

<table>
<thead>
<tr>
<th>TREE HEIGHT/CIRCUMFERENCE</th>
<th>DESCRIPTION</th>
<th>PRODUCT CODE</th>
</tr>
</thead>
<tbody>
<tr>
<td>&lt;6m &lt;35cm</td>
<td>3 x S41 anchors, 4 metres of galvanised wire, 1 x ratchet tensioner &amp; 3 x Plati-Mats.</td>
<td>RF1P</td>
</tr>
<tr>
<td>&lt;8m &lt;75cm</td>
<td>3 x S61 anchors, 5 metres of galvanised wire, 1 x ratchet tensioner &amp; 3 x Plati-Mats.</td>
<td>RF2P</td>
</tr>
<tr>
<td>&lt;12m &lt;90cm</td>
<td>3 x S81 anchors, 8 metres of galvanised wire, 1 x ratchet tensioner &amp; 3 x Plati-Mats.</td>
<td>RF3P</td>
</tr>
<tr>
<td>12m+ 90cm+</td>
<td>3 x B61 anchors, 10 metres of galvanised wire, 1 x ratchet tensioner &amp; 3 x Plati-Mats.</td>
<td>RF4P</td>
</tr>
</tbody>
</table>
There is a general trend across the world to plant much taller trees of all species, including palm trees. Traditionally these have been planted without support or are supported using unsightly wooden props, sometimes with disastrous results.

Platipus, in conjunction with landscape architects and palm tree nurseries, have refined our underground tree anchoring system to meet the demand of anchoring these large rootballed or container grown palm trees.

Available as a 3 Leg or 4 Leg system these solutions offer an instantly attractive finish to any landscape. Bespoke and stainless steel options are also available to suit individual requirements.

Note: Palm tree rootballs must be a minimum of 2 metres in diameter, properly rootwrapped and of sufficient strength and proportion to support a rootball fixing method. The correct palm tree kit required must be specified by the Landscape Architect once the rootball dimensions, tree height and sail area of the tree have been established.

### 3 Leg System

<table>
<thead>
<tr>
<th>TREE HEIGHT (H)</th>
<th>DESCRIPTION</th>
<th>PRODUCT CODE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Up to 6m</td>
<td>3 x S81 anchors, 8 metres of galvanised wire, 1 x ratchet tensioner &amp; 3 x Plati-Mats.</td>
<td>RF3P</td>
</tr>
<tr>
<td>6 - 12m</td>
<td>3 x B61 anchors, 10 metres of galvanised wire, 1 x ratchet tensioner &amp; 3 x Plati-Mats.</td>
<td>RF4P</td>
</tr>
</tbody>
</table>

### 4 Leg System

<table>
<thead>
<tr>
<th>TREE HEIGHT (H)</th>
<th>DESCRIPTION</th>
<th>PRODUCT CODE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Up to 6m</td>
<td>4 x S81 anchors, 8 metres of galvanised wire, 2 x ratchet tensioners &amp; 4 x Plati-Mats.</td>
<td>RF3P4LEG</td>
</tr>
<tr>
<td>6 - 12m</td>
<td>4 x B61 anchors, 10 metres of galvanised wire, 2 x ratchet tensioners &amp; 4 x Plati-Mats.</td>
<td>RF4P4LEG</td>
</tr>
</tbody>
</table>

Please contact the technical team for information and specification guidance.
GUY FIXING SYSTEM

Guy fixing kits are available in a range of sizes to suit most high quality tree transplants up to 20m high. These kits are fast and easy to install, offer effective support for trees in highly exposed areas and for trees which require correction against leaning.

A drive rod and tension lever are required for installation although powered machinery is recommended for multiple installations and for G3 / G4 kits. We are happy to recommend kits for particular applications and soil conditions.

<table>
<thead>
<tr>
<th>TREE HEIGHT/ CIRCUMFERENCE</th>
<th>DESCRIPTION</th>
<th>PRODUCT CODE</th>
</tr>
</thead>
<tbody>
<tr>
<td>&lt;6m &lt;25cm</td>
<td>3 x S21 anchors attached to ratchet tensioners, 3 x collar, clip &amp; wire assemblies (length 4m), 3 x tensioner shrouds.</td>
<td>G0</td>
</tr>
<tr>
<td>&lt;8m &lt;50cm</td>
<td>3 x S41 anchors attached to ratchet tensioners, 3 x collar, clip &amp; wire assemblies (length 6m), 3 x tensioner shrouds.</td>
<td>G1</td>
</tr>
<tr>
<td>&lt;10m &lt;75cm</td>
<td>3 x S61 anchors attached to ratchet tensioners, 3 x collar, clip &amp; wire assemblies (length 8m), 3 x tensioner shrouds.</td>
<td>G2</td>
</tr>
<tr>
<td>&lt;12m &lt;90cm</td>
<td>3 x S81 anchors attached to ratchet tensioners, 3 x collar, clip &amp; wire assemblies (length 12m), 3 x tensioner shrouds.</td>
<td>G3</td>
</tr>
</tbody>
</table>

CONTRACTORS GUY FIXING SYSTEM

Contractor guy fixing systems are ideal for smaller inexpensive trees on projects with a limited budget. They are quick to install and limited tensioning of the system is possible after installation.

<table>
<thead>
<tr>
<th>TREE HEIGHT/ CIRCUMFERENCE</th>
<th>DESCRIPTION</th>
<th>PRODUCT CODE</th>
</tr>
</thead>
<tbody>
<tr>
<td>&lt;4.5m &lt;25cm</td>
<td>3 x S4 anchors with wire assemblies (length 5m), 3 x collar, 6 x rope grips (2 per wire).</td>
<td>CG1</td>
</tr>
<tr>
<td>&lt;7.5m &lt;45cm</td>
<td>3 x S6 anchors with wire assemblies (length 6m), 3 x collar, 6 x rope grips (2 per wire).</td>
<td>CG2</td>
</tr>
</tbody>
</table>
Introducing a **NEW** development in underground Tree Anchoring Solutions.

Designed primarily to replace the traditional deadman such as kerbstones or sleepers in areas where normal underground anchors are impossible to use due to services / shallow soil / roof gardens or gas tight membranes on brownfield sites.

**Key Benefits of the D-MAN System**
- Extremely easy to use either individually or in multiples
- Simple to lock / unlock cells together
- Cells are omnidirectional for connecting together
- Unique letterbox style wire tendon anchor point system
- Cells are nestable and packed with our kits in standard boxes
- One source supply reducing packaging and transport costs
- Unique cup shape for valuable water storage
- Cells are made from recycled plastic
- Tested & approved by industry experts

The D-MAN cells / Deadmen should be installed at least **30cm below** the base of the rootball with the soil **compacted** above the cells to **60%**, right up to the nursery line.
D-MAN cells can be easily connected together and stacked to create a structural system to suit any planting area or podium. This allows for trees with rootballs of varying heights to be planted level and also provides options to influence the architecture of the soil.

The D-MAN Structural System alleviates many problems caused by planting in restricted urban areas.

<table>
<thead>
<tr>
<th>TREE HEIGHT/CIRCUMFERENCE</th>
<th>DESCRIPTION</th>
<th>PRODUCT CODE</th>
</tr>
</thead>
<tbody>
<tr>
<td>&lt;6m, &lt;35cm</td>
<td>3 x wire chokes, 4 metres of galvanised wire, 1 x ratchet tensioner, 3 x Plati-Mats &amp; 3 x D-MAN Cells.</td>
<td>RF1PDMAN</td>
</tr>
<tr>
<td>&lt;8m, &lt;75cm</td>
<td>3 x wire chokes, 5 metres of galvanised wire, 1 x ratchet tensioner, 3 x Plati-Mats &amp; 6 x D-MAN Cells (3 x 2 Cells connected).</td>
<td>RF2PDMAN</td>
</tr>
</tbody>
</table>

**STRUCTURAL SYSTEMS**

D-MAN cells can be easily connected together and stacked to create a structural system to suit any planting area or podium. This allows for trees with rootballs of varying heights to be planted level and also provides options to influence the architecture of the soil.

The D-MAN Structural System alleviates many problems caused by planting in restricted urban areas.

- Cover and protect large planting areas & roof gardens with connected cells
- Stack cells, by rotating them 180°, to allow planting areas to be built up providing additional structural support
- Secure trees & large shrubs with our D-MAN Anchor System in any location with the flexibility to reposition, if necessary
- Allows catchment water to drain underneath leaving the balance in cells

For planning guidance these cells fit 16 per m² and 208 per m³.
In addition to our standard systems, we also provide individual bespoke tree anchoring systems to resolve challenging planting situations such as roof gardens, containers, solid bases and unusual urban sites.

**DEADMAN SYSTEM - PLATI-MAT**

Designed to satisfy the requirements of a specialist market, traditional deadmen systems have enabled Platipus to offer effective solutions for planting in difficult urban environments, where services may be a problem.

The systems use kerbstones or sleepers as anchor points and providing that the soil placed on top of the kerbstones or sleepers has been well compacted before placing the tree in the pit, the systems offer a fast and efficient method of securing rootball trees up to 12 metres high.

<table>
<thead>
<tr>
<th>TREE HEIGHT/ CIRCUMFERENCE</th>
<th>DESCRIPTION</th>
<th>PRODUCT CODE</th>
</tr>
</thead>
<tbody>
<tr>
<td>&lt;6m</td>
<td>3 x wire chokes, 4 metres of galvanised wire, 1 x ratchet tensioner &amp; 3 x Plati-Mats.</td>
<td>RF1RDMP</td>
</tr>
<tr>
<td>&lt;8m</td>
<td>3 x wire chokes, 5 metres of galvanised wire, 1 x ratchet tensioner &amp; 3 x Plati-Mats.</td>
<td>RF2RDMP</td>
</tr>
<tr>
<td>&lt;12m</td>
<td>3 x wire chokes, 8 metres of galvanised wire, 1 x ratchet tensioner &amp; 3 x Plati-Mats.</td>
<td>RF3RDMP</td>
</tr>
</tbody>
</table>

**EYEBOLT SYSTEM - PLATI-MAT**

For large tree sizes please contact the technical team for information and specification guidance.
PERMANENT ANCHORING

In addition to our standard solutions we can also provide **permanent tree anchoring systems**, using stainless steel accessories, available in a wide range of options to suit individual applications such as:

- Podiums
- Roof gardens
- Bridges
- Concrete planters
- Jetties

These systems are ideal for the following planting situations:

- Coastal environments with high levels of salinity
- Sites which are constantly exposed to high winds and heavy rainfall
- On-structure applications where root development is restricted by shallow and narrow planting pits

Please contact the technical team for information and specification guidance.
Drought stress is one of the biggest contributors to high mortality rates of transplanted trees in the first few years after planting. Water is vital for tree growth and sustainability and without regular watering the tree will suffer irreparable damage.

During the summer a 6cm girth tree typically requires at least 30 litres of water per month and a semi-mature tree, with a girth of 20cm or more, needs 300 litres of water per month. The use of a targeted irrigation system that delivers water directly to the root zone provides huge benefits to the tree’s development.

The Piddler offers these advantages over traditional irrigation systems:

- Efficient & even delivery of water & air directly to the tree roots
- Minimal waste – no run off, evaporation or water escaping to the bottom of the tree pit
- Easy watering using a hose pipe through the debris cap or the pressurised adaptor for increased water flow
- Quick to assemble, tailor to fit on all rootball sizes
- The membrane design prevents blockages & directs roots down to their ideal growing zone
- Lightweight & compact, compared to traditional pipe systems, offering significant freight cost savings

<table>
<thead>
<tr>
<th>FOR ROOTBALLS up to Ø (cm)</th>
<th>HEADER HEIGHT(cm)/Qty</th>
<th>MEMBRANE LENGTH/M</th>
<th>PRODUCT CODE</th>
</tr>
</thead>
<tbody>
<tr>
<td>55</td>
<td>25/1</td>
<td>2</td>
<td>PID0</td>
</tr>
<tr>
<td>90</td>
<td>30/1</td>
<td>3</td>
<td>PID1</td>
</tr>
<tr>
<td>155</td>
<td>30/1</td>
<td>5</td>
<td>PID2</td>
</tr>
<tr>
<td>240</td>
<td>30/2</td>
<td>8</td>
<td>PID3</td>
</tr>
<tr>
<td>310</td>
<td>30/3</td>
<td>10</td>
<td>PID4</td>
</tr>
</tbody>
</table>
ROOTBALL FIXING SYSTEM - STRAP

This tree anchoring system, using our own webbing strap and bespoke tensioner, is ideal for small inexpensive rootballed trees on projects with a limited budget.

Although designed as a low cost tree anchoring system, careful consideration and many years of development have enabled us to manufacture a strap tensioner capable of producing the high loads needed to correctly anchor and secure these trees. Both 25mm and 35mm standard strap tensioners have been specifically engineered to meet our usual high standards.

The benefits include:
- No more leaning trees due to insufficient strap tension from other inferior ratchet systems
- No unsightly stakes or timber above ground
- Planting at nursery line
- System uses proven anchor technology
- Specially engineered tensioners
- Strap trims easily with scissors

<table>
<thead>
<tr>
<th>TREE HEIGHT/ CIRCUMFERENCE</th>
<th>DESCRIPTION</th>
<th>PRODUCT CODE</th>
</tr>
</thead>
<tbody>
<tr>
<td>&lt;3.5m &lt;25cm</td>
<td>3 x S21 anchors with delta links, 3 metres x 25mm strap &amp; 1 x strap tensioner.</td>
<td>RF0S</td>
</tr>
<tr>
<td>&lt;6m &lt;35cm</td>
<td>3 x S41 anchors with delta links, 4 metres x 25mm strap &amp; 1 x strap tensioner.</td>
<td>RF1S</td>
</tr>
<tr>
<td>&lt;8m &lt;75cm</td>
<td>3 x S61 anchors with delta links, 5 metres x 35mm strap &amp; 1 x strap tensioner.</td>
<td>RF2S</td>
</tr>
</tbody>
</table>

DEADMAN SYSTEM - STRAP

Designed to satisfy the requirements of a specialist market, deadman systems have enabled Platipus to offer effective solutions for planting in difficult urban environments, where services may be a problem.

The systems use kerbstones or sleepers as anchor points and providing that the soil placed on top of the kerbstones or sleepers has been well compacted before placing the tree in the pit, the systems offer a fast and efficient method of securing rootball trees up to 12 metres high.

<table>
<thead>
<tr>
<th>TREE HEIGHT/ CIRCUMFERENCE</th>
<th>DESCRIPTION</th>
<th>PRODUCT CODE</th>
</tr>
</thead>
<tbody>
<tr>
<td>&lt;6m &lt;35cm</td>
<td>3 x wire chokes with delta links, 4 metres x 25mm strap &amp; 1 x strap tensioner.</td>
<td>RF1RDMS</td>
</tr>
<tr>
<td>&lt;8m &lt;75cm</td>
<td>3 x wire chokes with delta links, 5 metres x 35mm strap &amp; 1 x strap tensioner.</td>
<td>RF2RDMS</td>
</tr>
</tbody>
</table>

It is not advisable to use strap systems for container grown stock (see Plati-Mat Systems).
EYEBOLT SYSTEM - STRAP

<table>
<thead>
<tr>
<th>TREE HEIGHT/ CIRCUMFERENCE</th>
<th>DESCRIPTION</th>
<th>PRODUCT CODE</th>
</tr>
</thead>
<tbody>
<tr>
<td>&lt;6m</td>
<td>3 x expanding eyebolts with cable attached, 1 x strap tensioner, 4 metres x 25mm strap, 3 x delta links &amp; 9 x rope grips.</td>
<td>RF1RS</td>
</tr>
<tr>
<td>&lt;35cm</td>
<td></td>
<td></td>
</tr>
<tr>
<td>&lt;8m</td>
<td>3 x expanding eyebolts with cable attached, 1 x strap tensioner, 5 metres x 35mm strap, 3 x delta links &amp; 9 x rope grips.</td>
<td>RF2RS</td>
</tr>
<tr>
<td>&lt;75cm</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

It is not advisable to use strap systems for container grown stock (see Plati-Mat Systems).

PLATIPUS ROOT BARRIER

The Platipus Root Barrier protects the hardscape of the planting area by directing the roots downwards and can be used for both surrounding and linear applications on single and multiple trees. This is a popular solution for controlling tree roots, protecting pedestrian kerbs and cycle paths and is very easy to install with no specialist equipment required. Both 0.5mm & 1mm thicknesses are available in standard 50m rolls.

<table>
<thead>
<tr>
<th>DESCRIPTION</th>
<th>PRODUCT CODE</th>
</tr>
</thead>
<tbody>
<tr>
<td>High performance recycled polyethylene, flexible, UV resistant barrier with tensile strength up to 500N.  • Thickness: 0.5mm  • Height: 60cm &amp; 1m</td>
<td>PRB50060  PRB500100</td>
</tr>
<tr>
<td>High performance recycled polyethylene, flexible, UV resistant barrier with tensile strength up to 800N.  • Thickness: 1.0mm  • Height: 60cm &amp; 1m</td>
<td>PRB100060  PRB1000100</td>
</tr>
</tbody>
</table>
Basic tools are essential in the installation process. Other pieces of equipment make the general process easier and quicker. Where multiple installations of trees are concerned we recommend you consider using powered equipment to install the anchors. Additionally you will find it easier to install the larger “RF” and “G” kits using either petrol or compressed air breakers.

<table>
<thead>
<tr>
<th>PRODUCT CODE</th>
<th>DRIVE RODS</th>
<th>ROD REMOVERS</th>
<th>LOADLOCKING</th>
<th>TENSIONER</th>
</tr>
</thead>
<tbody>
<tr>
<td>G0</td>
<td>HDRS2</td>
<td>——</td>
<td>——</td>
<td>TL1</td>
</tr>
<tr>
<td>RF1P/G1</td>
<td>HDRS4/PDRS4</td>
<td>RR1</td>
<td>PH1</td>
<td>TL1</td>
</tr>
<tr>
<td>RF2P/G2</td>
<td>HDRS6/PDRS6</td>
<td>RR1</td>
<td>PH1</td>
<td>TL1</td>
</tr>
<tr>
<td>RF3P/G3</td>
<td>HDRS8/PDRS8</td>
<td>RR1</td>
<td>SJ1</td>
<td>TL2</td>
</tr>
<tr>
<td>RF4P</td>
<td>HDRS8/PDRS8</td>
<td>RR1</td>
<td>SJ1</td>
<td>TL2</td>
</tr>
<tr>
<td>RF0S</td>
<td>HDRS2</td>
<td>——</td>
<td>——</td>
<td>TL1S</td>
</tr>
<tr>
<td>RF1S</td>
<td>HDRS4/PDRS4</td>
<td>RR1</td>
<td>PH1</td>
<td>TL1S</td>
</tr>
<tr>
<td>RF2S</td>
<td>HDRS6/PDRS6</td>
<td>RR1</td>
<td>PH1</td>
<td>TL2S</td>
</tr>
</tbody>
</table>

For a comprehensive range of tree kits & installation tools contact the technical team.
DESIGNER GUIDELINES

TREE SIZES
• Is there accurate information regarding the overall HEIGHT and CIRCUMFERENCE of the trees at 1m from the rootball?
• What size sail area do the trees have?
• Are they coniferous or deciduous?

ROOT STRUCTURE
• The trees should be properly rootwrapped, airpot or container grown and of sufficient strength and proportion to support an underground fixing method. If not, then an above ground guying system such as the ‘G’ or ‘CG’ systems should be specified.
• When pushed does the stem move while the rootball, airpot or container does not? If so, you cannot use an underground fixing method. An above ground guying system should be specified.

SITE LOCATION
• Where are the trees to be planted?
• What is the site’s exposure to winds and heavy rainfall?
• Is there good accessibility to the planting area?
• Has an anchor test been carried out?

SOIL CONDITIONS
• Is the site unconsolidated, normal, disturbed or made up ground?
• Have large amounts of top soil been brought in to create planting areas and changes in the profile of the landscape?
• Is the site on an old previous structure where the ground contains rubble and broken concrete?
• Has any landfill been done on any areas of the site?

BURIED SERVICES
• Has the planting area been checked for all underground services, such as drains, water, gas, electricity or fibre optic/telecom cables?
• Buried Services are normally identified within 600mm of the surface. Generally, the rootball depths will exceed this. If services are known to be present, recommend an alternative system such as our deadman fixing system.
• If in doubt suggest a CAT scan of the tree planting pit and the surrounding area.
CONTRACTOR GUIDELINES

- Remember to consider soil conditions when planting trees in made up ground and the need to place the anchors in an undisturbed material. If so, you can order ‘ED’ Kits (extra depth). To allow for this you may also need a longer drive rod.

- You must loadlock the anchors properly into their working position, by applying an upwards force / load on the wire tendon.

- The anchor should be driven to the full working depth using a suitable drive rod.

- If the anchors are not loadlocked properly, the tree will become loose when the first winds arrive.

Due to settlement of the tree & after watering re-tensioning is highly recommended.

AUTOCAD DRAWINGS

We are committed to providing our customers with effective products and solutions, together with unrivalled customer service and support. As part of this commitment, we offer AutoCad drawings of all our tree anchoring systems. This will enable you to choose the correct Platipus products and incorporate them directly into your designs and specifications. AutoCads can be easily downloaded directly from the tree systems section of our website: www.platipus-anchors.com.

TENDER SPECIFICATIONS

The Platipus Tender Specification brochure provides Landscape Architects and Garden Designers with a quick and complete reference document to ensure the correct products are selected for every size of tree in every planting situation. Contact the technical team for a brochure.
PRESENTATIONS

We understand the importance of Continued Professional Development. Our philosophy is to offer busy professionals the opportunity to discover the advantages the Platipus Tree Anchoring System through comprehensive technical presentations, at a time and location convenient to you. Please contact the technical team if you would like to organise a presentation.

ON-SITE ASSISTANCE

Our tree anchoring specialists provide the following on-site services free of charge:

• Load testing of our anchor systems
• Planning advice and guidance to Landscape Architects, Garden Designers and Contractors
• Installation demonstrations
• Installation training

On-site supervision is also available on a case by case basis. Please contact our technical team for more details.

INSTALLATION INSTRUCTIONS & VIDEOS

Detailed installation instructions for all tree anchoring systems can easily be downloaded directly from the tree systems section of our website: www.platipus-anchors.com.

Relevant installation instructions are also included with every delivery. In addition, a comprehensive range of installation videos are available on the Platipus YouTube Channel - “Platipus TV”.
D-MAN SYSTEM - PLATI-MAT

![Images of tree planting equipment]

1. RF1PDMAN
2. RF2PDMAN
3. RF1PDMAN
4. RF2PDMAN
5. RF1PDMAN
6. RF1PDMAN
7. RF1PDMAN
8. RF2PDMAN
9. RF2PDMAN
10. RF2PDMAN
11. RF2PDMAN
12. RF2PDMAN
13. RF2PDMAN
14. RF2PDMAN
## TREE IRRIGATION & AERATION SYSTEM

### PRODUCT CODE

<table>
<thead>
<tr>
<th>FOR ROOTBALLS</th>
<th>HEADER HEIGHT (cm)/Qty</th>
<th>MEMBRANE LENGTH/M</th>
<th>PRODUCT CODE</th>
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</thead>
<tbody>
<tr>
<td>up to Ø (cm)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>55</td>
<td>25/1</td>
<td>2</td>
<td>PID0</td>
</tr>
<tr>
<td>90</td>
<td>30/1</td>
<td>3</td>
<td>PID1</td>
</tr>
<tr>
<td>155</td>
<td>30/1</td>
<td>5</td>
<td>PID2</td>
</tr>
<tr>
<td>240</td>
<td>30/2</td>
<td>8</td>
<td>PID3</td>
</tr>
<tr>
<td>310</td>
<td>30/3</td>
<td>10</td>
<td>PID4</td>
</tr>
</tbody>
</table>

**TREE IRRIGATION & AERATION SYSTEM**

1. ![Image](image1.png)
2. ![Image](image2.png)
3. ![Image](image3.png)
4. ![Image](image4.png)
5. ![Image](image5.png)
6. ![Image](image6.png)
7. ![Image](image7.png)
8. ![Image](image8.png)
9. ![Image](image9.png)
10. ![Image](image10.png)
11. ![Image](image11.png)
12. ![Image](image12.png)
13. ![Image](image13.png)
14. ![Image](image14.png)
ROOTBALL FIXING SYSTEM - STRAP

<table>
<thead>
<tr>
<th>RF0S</th>
<th>RF1S</th>
<th>RF2S</th>
</tr>
</thead>
</table>

1. Tools and equipment required
2. Positioning the strap
3. Attaching the strap to the tree
4. Securing the strap
5. Adjusting the tension
6. Tightening the strap
7. Final securing

8. Inspecting the installation
9. Verifying the stability
10. Reassessing the condition
11. Maintenance and care
12. Replacement and repair

5cm