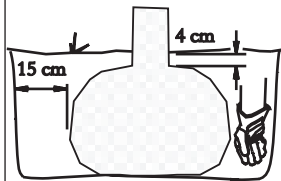


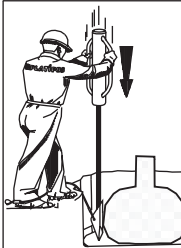
**1 DIGGING THE PIT.**

Dig the pit wide enough to give working space around the rootball. Allow about 4cm in the pit depth to ensure the tensioning system is just below final ground level. Stand the tree in the pit.



**2 ANCHOR POSITION.**

Check the diameter of the rootball and insert the anchors on a circle as close to rootball as possible. The anchors must be equally spaced i.e. about 120° apart.

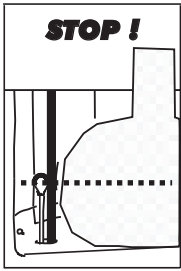


**3 ANCHOR INSTALLATION.**

Put the drive rod into the body of the anchor and rest the drive end on the pit bottom. By hammering on the opposite end of the drive rod the anchor is driven into the ground.

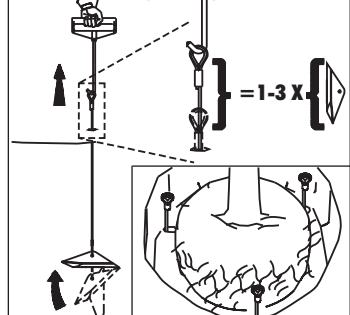
**NOTE: the anchor must be driven to the recommended depth - i.e. until the cable eye remains half way up the rootball - in order to function correctly.**

The anchors must be driven vertically into the ground. The posthammer should be inverted after the first few blows. (Select tools from the Table).



**4 LOADLOCKING.**

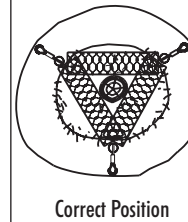
The anchors must be loadlocked into their working positions by pulling upwards on the cable eye using suitable loadlocking tools. In good soils the anchor should loadlock within its own body length. More movement may occur in poor soil.



**ALL ANCHORS MUST BE LOADLOCKED!**

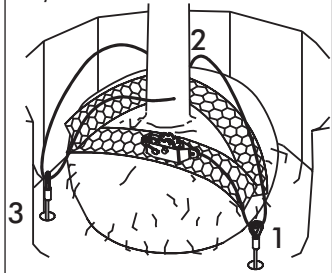
**5 PLATI-MAT.**

Align the the Plati-Mat across the rootball in line with the anchors. The lengths of Plati-Mat required for each triangle depends on the size of each rootball.



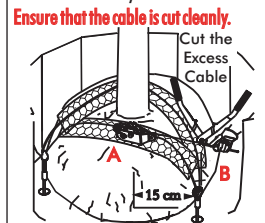
**6 THE RATCHET TENSIONER.**

The Ratchet Tensioner is supplied pre-assembled with the tensioning cable which must be laced through the cable eyes and across the Plati-Mat following the sequence; 1,2,3. Note the position of the Plati-Mat, top view in stage 7 shows this clearly.

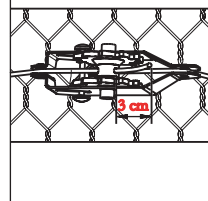


**7 TRIMMING THE CABLE.**

Rest the tensioner on the middle of the Plati-Mat. Hold it firmly with one hand and pull through any slack in the tensioning cable with the other. Lay the cable over the guide at (A). Pull it taut and cut off the excess cable at (B), about 15 cm past the end of the tensioner body.

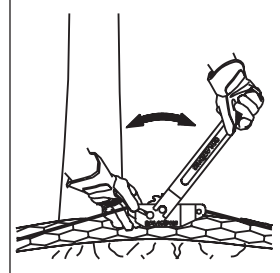


**8** Position the wheel as shown in the cut-away view below. Thread the end of the tensioning cable through the hole in the wheel and trim leaving approx. 3cm protruding. Rotate the wheel a couple of turns to grip the cable.



**9 TENSIONING THE SYSTEM.**

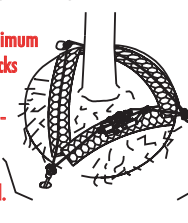
Engage the tension lever with the ratchet wheel and crank it back and forth. The tensioning cable will wrap around the wheel hub and the Plati-Mat will pull down onto the rootball. **Do not fully tension at this stage.**



**10 FINALLY.**


Backfill around the rootball with suitable material up to the planting level and ensure the tree is straight. Now fully tension the system. Cover the Plati-Mat and tensioner as required with soil or mulch. It is worth marking the position of the ratchet tensioner so that the tension in the system can be checked periodically until the tree is fully settled.

**We advise a minimum of two visits/checks within the first planting period - particularly after periods of heavy rainfall.**



KIT No.	HEIGHT	CIRCUMFERENCE	DRIVE RODS	ROD REMOVERS	LOADLOCKING	TENSIONING
RF1	2 - 4.5m	7 - 22cm	HDR/PDRS4	ONE SIZE FITS ALL	PLATIHOOK	TL1
RF2	4.5 - 7.5m	22 - 45cm	HDR/PDRS6	ONE SIZE FITS ALL	PLATIHOOK	TL1
RF3	7.5 - 12m	45 - 75cm	HDR/PDRS8	ONE SIZE FITS ALL	SJ1	TL2
RF4	12m+	75cm+	HDR/PDRS8	ONE SIZE FITS ALL	SJ1	TL2

**DESIGNER GUIDELINES AND CONSIDERATIONS**

- CHOOSING THE CORRECT TREE KIT**
  - Ensure you have accurate information regarding the overall HEIGHT and CIRCUMFERENCE of the trees at 1m from the rootball.
 
  - Are the rootballs large and strong enough to support a root fixing method ?
  - What size sail area do the trees have ?
  - Are they coniferous or deciduous ?
  - Does the client not wish to see guy wires ?
- SITE LOCATION**
  - Where are the trees to be planted ?
  - What is the site's exposure; winds; heavy rainfall ?
  - Where is the site access to the planting site ?
  - Have you had an anchor test carried out ?
  - Are all buried services identified ?
- 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 is full of rubble and broken concrete ?
  - Has any landfill been done on any areas of the site ?

*If you require further information on special applications and products, please contact us.*

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