

Drop-Man Tree Kits

Instructions



Strap

Installation Method

1. Excavate the tree pit to the required size.
2. Place all Drop-Man anchor plates in a tripod fashion outside the rootball diameter ensuring that the end loop is sitting $\frac{3}{4}$ up from the bottom of the rootball (see fig 1).
3. Back fill part of the excavation to cover the DropMan anchors and compact the soil.
4. Install tree rootball.
5. Thread the free end of the tensioning wire (which is attached to the ratchet tensioner) through the D-rings evenly over the Anchor-Mat.
6. Pass one end of the strap through the bottom ratchet slot (Fig:2) and pass the strap back on itself (Fig:3)
7. Pull the strap tight and cut off the remaining excess strap leaving approximately 50mm through the ratchet.
8. With the short tail of strap (about 50mm) protruding, pump the ratchet until the rootball is secure.
9. Whilst using the ratchet tensioner check that each leg of the strap is centered on the rootball, as per Fig:1.
10. Remove all equipment and any spare strap section from the pit.
11. Back fill the pit to cover the rootball and continue until the pit is back to ground level.

Fig: 1



Fig: 2



Fig: 3



Wire

Installation Method

1. Excavate the tree pit to the required size.
2. Place all Drop-Man anchor plates in a tripod fashion outside the rootball diameter ensuring that the end loop is sitting $\frac{3}{4}$ up from the bottom of the rootball (see fig 1).
3. Back fill part of the excavation to cover the DropMan anchors and compact the soil.
4. Install tree rootball.
5. Lay the 3 strips of Rootball Protector over the rootball (See Fig:1).
6. Thread the free end of the tensioning wire (which is attached to the ratchet tensioner) through the anchor loops and over the Rootball Protector in a tripod fashion.
7. Pass the free end of the wire through the hole in the ratchet spindle ensuring the wire is under the spring.
8. Pull most of the slack wire through and cut off the remaining excess wire leaving approximately 50mm through the spindle.
9. With the short tail of wire (about 50mm) protruding, wind the ratchet wheel using the ratchet tensioner. This will cause the wire to tension under pressure.
10. Whilst using the ratchet tensioner check that each leg of the wire is centered on the Rootball Protector strips.
11. When you are satisfied that the rootball is well supported and secure remove the ratchet tensioner tool
12. Remove all equipment and any spare wire from the pit.
13. Back fill the pit to cover the rootball and continue until the pit is back to ground level.

Fig: 1



Fig: 2



Code	Description	Tree Height / Circumference	Installation Tools Required				
			Drive Rods	Installation	Rod Removers	Load Locking	Tensioners
DMKDM5S	3 x 550 OD Drop-Man Plates with wire slings, 4m of 25mm webbing, 1 x ratchet tensioner	2.5m - 4.5m / 12cm - 25cm	N/A	N/A	N/A	N/A	RT1
DMKDM10S	3 x 550 OD Drop-Man Plates with wire slings, 5m of 25mm webbing, 1 x ratchet tensioner	4.5m - 7.5m / 25cm - 45cm	N/A	N/A	N/A	N/A	RT1
DMKDM5W	3 x 550 OD Drop-Man Plates with wire slings, 4m of galv wire, 1 x ratchet tensioner, 3 x Rootball Protector	2.5m - 4.5m / 12cm - 25cm	N/A	N/A	N/A	N/A	RT1
DMKDM10W	3 x 550 OD Drop-Man Plates with wire slings, 5m of galv wire, 1 x ratchet tensioner, 3 x Rootball Protector	4.5m - 7.5m / 25cm - 45cm	N/A	N/A	N/A	N/A	RT1

	Code	Description
INSTALLATION	HDR1	Hand Drive Rod AS1
	HDR5	Hand Drive Rod AS5
	HDR10	Hand Drive Rod AS10
	PDR5	Power Drive Rod AS5
	PDR10	Power Drive Rod AS10
	PDR20	Power Drive Rod AS20
	R32P - R32SH	Power Drive Rod Set AS-90
	HRR40	Hand Rod Removers HDR
	Maul	Maul Hammer

	Code	Description
LOADING	PR2.5	Post Rammer 2.5inch
	PPD	Petrol Post Driver
	AIO32	All In One R32 Breaker
	AH1	Anchor Loading Hook 1
	AH2	Anchor Loading Hook 2
	AL J1	Anchor Loading Jack 1
	AL J2	Anchor Loading Jack 2
	RT1	Ratchet Tensioner 1
	RT2	Ratchet Tensioner 2

TENSIONING