

Mega Tree Stake (Patent # 6,702,239 B2)

(For 36" & 48" Box Trees)

Single Tree Staking System:

"Mega Stake System"; a screw in auger-type steel stake with an adjustable anti-rotational tab and pin device, adjustable height strap-bar, UV-resistant adjustable vinyl strap with 2 bolts/washers/nuts and powder-coated black.

Specifications

The Mega Stake shall be utilized for tree sizes **36" and 48" box trees**. It shall be a minimum of 11 feet in length with an outside diameter of 1.66" and .14" wall thickness. Each stake shall have an anti-adjustable height anti-rotational device (tab/pin) with a yellow indicator line placed at 36" from the bottom of the stake for the recommended minimum installation depth. Each steel tree stake shall have a solid 1" plug welded in top end of stake. All steel tree stakes shall have a powder coated baked on finish for rust inhibiting qualities.

Each steel tree stake shall be tied with a minimum of one strapping-bar. The strap-bar shall be installed at the lowest position, which supports the tree in an upright position. Each strap-bar shall consist of an 3/8" x 18" flat bar secured with two set bolts and utilizing a strap with a minimum of 1/4" x 1" x 20" 90 Duro Flex PVC with UV inhibitors; secured in place with a minimum of (2) 1/4" x 1 3/4" bolts/washers/nuts.

Trees to be staked shall be staked at the time of planting as shown on the plans or specified in the special provisions. One steel tree stake shall be installed 18 to 24 inches away on the prevailing wind side of the tree. The steel tree stake should be installed to a minimum of 36" below finished grade.

Manufactured and distributed

By

J.R. Partners

Office (209) 634-7791

Email – sales@jrpartnersco.com

Website – www.treestake.com

Mega Stake Installation:

1. Place the 'Mega Stake' **18 to 24 inches** away on the **prevailing wind side** of the tree. The tree should be one to three inches away from the end of the steel 'Strap-bar'.
2. Twist the 'Mega Stake' clockwise until the yellow indicator line is at or below ground level. Slide the anti-rotational (ring/tab) unit over the top end of the stake down to ground level and tighten set bolts. Drive the anti-rotation pin ("L" bar) through the hole in the tab and into the soil. Use the handle of a shovel, rake, or two by two, and pack soil firmly around the stake.
3. Tree should be oriented with nursery stake on the same side as the 'Mega Stake'. Nursery stake must be **removed**.
4. Determine the correct height for the 'Strap-bar', keeping in mind it should be no higher than necessary but high enough to hold the tree upright. To locate the correct point to mount the 'Strap-bar', hold the trunk of the tree in one hand and gently bend the top with the other. Find the lowest height at which the top returns upright, and mark the 'Mega Stake' six to eight inches higher than that point. Slip the 'Strap-bar' over the top of the 'Mega Stake' to the marked height and tighten the set bolts.
5. Fold the UV-resistant, flat strapping around the tree, bringing both ends of the strap to opposite sides of the 'Strap-bar' and secure with two bolts and nuts through the holes. **Ensure a flat washer** is placed under each bolt head and nut. Adjust strap to ensure a finger space evenly around the trunk.
6. See drawings for further details.
7. J.R. Partners makes no claims of warranty due to improper installation, soil and/or weather conditions.

*** Trees with grates that require the Mega Stake will require Mega Grate Stake. Some tree grates may require custom length strap-bar; advance notice required.