

***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 coupler and "L" bar, adjustable height 'Strap-bar', UV resistant vinyl strapping 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 adjustable height anti-rotational device (coupler/ "L" bar) with a yellow indicator line to serve as depth indicator to ensure a minimum of 36" depth. 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 3/8" x 1.20" x 24" 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 (888) 333-3090**

**Fax (209) 634-0298**

**Email – [sales@jrpartnersco.com](mailto:sales@jrpartnersco.com)**

**Website – [www.jrpartnersco.com](http://www.jrpartnersco.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 'Strap-bar'. Insert the "L" bar through the hole which is approximately six feet up from the bottom of the stake.
  2. Twist the 'Mega Stake'(clockwise) into the soil until the yellow indicator line is at or below ground level. Slide the coupler unit over the top end of the stake down to ground level and tighten set bolts. Drive the "L" bar through the hole in the coupler 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/washers/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.