

TreeBarrow



Market

- Tree planting groups
- Volunteer workers
- Urban Ecology Institute – 9 communities in the Boston area
- Small scale landscapers



Photo by Trina Hofreiter, Urban Ecology Inst.

Current Products

- Cost
 - Start at ~\$800
 - Professional tree planters charge \$300+ per tree
- Technical limitations
 - size
 - Maneuverability
 - cost



Technical Requirements

- Low cost
- Operated by three people
- Transport and lift/drop rootball
- Lightweight and compactable
- Rough and sloping terrain



Photo by Trina Hofreiter, Urban Ecology Inst.

Technical Requirements

- Trees
 - 50-300 pounds
 - 8-15 feet tall
- Rootball
 - 1-3 feet wide
 - 2-2.5 feet deep
- Hole
 - Up to 6 feet wide
 - 2-2.5 feet deep



Photo by Tammy Kohlleppel and Dan Lineberger,
Texas A&M University

Sketch Model

