# No. 4500-150 TimberCraft® TyreSwing™

TyreSwing shall be model No. 4500-150 in the quantity shown on the bill of materials or the project drawings. Manufactured by Columbia Cascade Company, 1300 SW Sixth Avenue, Suite 310, Portland, OR 97201 U.S.A. Phone 503/223-1157.

**GENERAL**

All fabrication shall take place in an enclosed factory environment by personnel experienced in the manufacture of children's play apparatus.

**1. MATERIALS**

Swing shall consist of six poles, one beam, tire, chain, swivel and mounting bracket.

Timber Poles and beam shall be hand-hewn coastal Douglas fir (Pseudo-tsuga menziesii), 10” dia. (+2/- 0”), clean peeled of bark and sanded.

Tire shall be manufactured from medium density polyethylene, black in color, and include molded-in eye bolts to accept attachment hardware. Tire shall be of a closed design so as not to collect water. *Rubber tires or similar open styles shall not be accepted.*

Swivel and seat shall attach to hardened chain. Swivel mounting brackets shall be 3/8 inch thick mild steel plate. Tire shall attach to chain with double opening shackles and tamper-resistant hardware

**2. CONSTRUCTION**

Poles shall be peeled by hand. *Poles that have been machine peeled or that include bark will not be accepted.* To effectively receive pressure preservative treatment, all fabrication, including sawing and drilling must be completed prior to preservative treatment.

Swivel shall include thrust bearing for 360° rotation plus a universal joint for 160° lateral range of motion. The universal joint shall be covered with a close-fitting, flexible, neoprene rubber boot, and the swivel shall be equipped with two zerk fittings to receive regular lubrication by playground equipment maintenance personnel.

**3. FINISH**

Poles shall be pressure treated with a non-toxic child safe preservative after all fabrication is completed. *Preservatives containing arsenic, pentachlorophenol, creosote or similar toxic chemicals as their active ingredient shall not be used.*

Steel swing brackets and pivot tabs shall be finished black with CASPAX-7™, a tough, opaque, UV resistant exterior grade polyester powder coating applied to a minimum thickness of 6 mils. Liquid, epoxy or lead-containing powder coatings are not acceptable.

Swing chain and assembly hardware shall be galvanized or stainless steel.