

# **BABY TOWER 2**

#### **ENGINEERING**

The Thomas Baby Tower 2 system is a small ground support tower designed to lift loads of up to 2000 lbs. to a maximum height of 26 feet in a 4 tower configuration, 18 feet in a goal post (2 tower) configuration with the outrigger section fitted or 14 feet as a single tower with the outrigger arms and section fitted.

The Baby Tower is made up of modular lengths of 4" x .25" wall thickness square tube to provide an adjustable height to suit your requirements. These simply fit together by sliding the section into the top of the section below it.

The truss rig is adapted to the tower system by means of suitable sleeve blocks for the type of truss being used. The sleeve blocks are fitted with 4 wheels which allow the truss rig to rise up and down the tower smoothly. The whole system is very light weight and simple to use and will pack away into a very small space.

PRODUCT CODE	DESCRIPTION
B32002	Base
B32004	Hinge Section
B32014	Roller Beam (used with Chain hoists only)
B32008	Top Pulley Section (used with Wire rope hoists only)
B32030	Sleeve block for Supertruss 12" x 12"
B32012	Sleeve block for GP 18" x 12" and 12" x 12" truss
B32009	12' section of baby tower
B32005	10' section of baby tower
B32026	2' 6" section of baby tower
B32003	Hand winch mounting Bracket
G0704US	Hand winch with wire rope
B32011	outrigger arm

#### The Baby Tower can be used to lift loads by one of the 3 types as following:-

- 1) Manual wire rope winch mounted to Base section.
  - 2) Manual Chain hoist mounted to the truss rig.
  - 3) Electric Chain hoist mounted to the truss rig.

### Each set of system components is by the following method :-

- 1) Which type of lifting method is required?
  - 2) Do you require a hinge section?
- 3) Are you using it as a 3 or more tower system?
  - 4) Are you using a goal post system?
  - 5) Are you using just a single tower?

## Recommendations for choosing system components

We recommend the use of a hinge section when a tower is 13 feet high or taller or when there is more than 1 tower.

If using 4 towers in a box configuration, the outrigger section will not be necessary. All systems with 1 or 2 towers must be used with 4 Outriggers and the Hinge Section fitted to each tower.

If using a chain hoist system you must order the Roller Beam. Manual chain hoists must be custom ordered with the manual hoist mounting kit for the truss type being used. Electric chain hoists can be used with truss lifting points or span sets.

If using a wire rope system then you must order the Top Pulley Section. The hand winch with wire rope must be fitted to the Hand Winch Mounting Bracket which is fitted to the Base section.



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