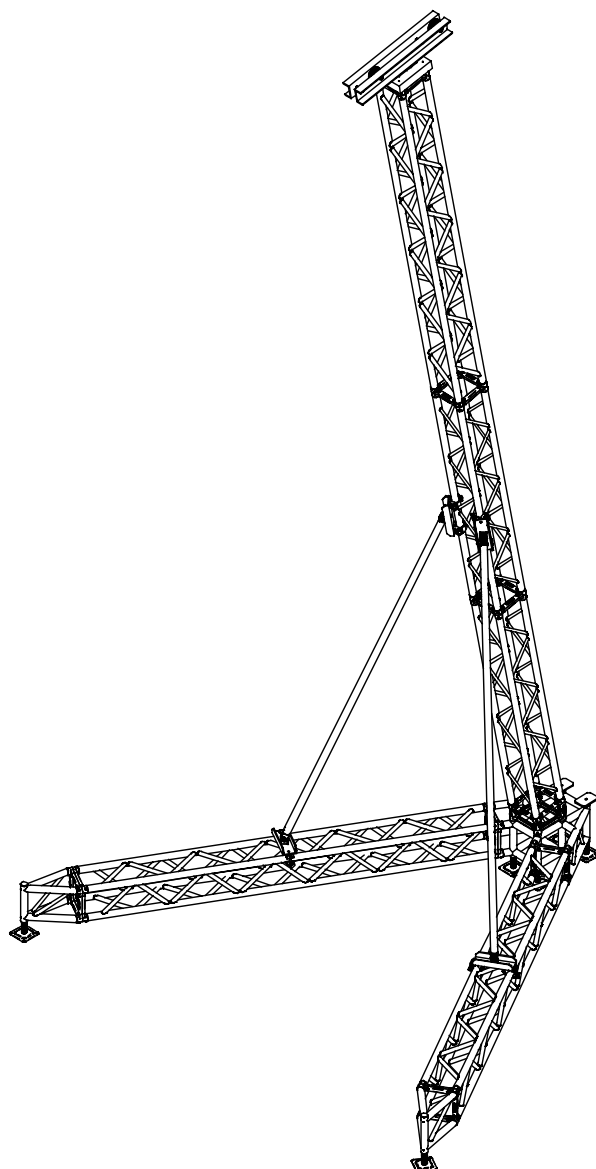




FLYINTOWER FTX30 – FTD30

USE AND ASSEMBLY MANUAL



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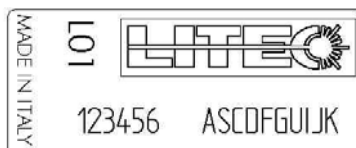


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This user manual refers to the product Flyintower “FTX30” and “FTD30” made by the Litec s.r.l. company in Marcon (VE).

The Litec products are distinguished for the presence of their self- adhesive label which is shown in the following. You can find the label on each piece of equipment.



1. Introduction.

We thank you for choosing a Litec structure. We remind you that the process of welding with all the aluminium parts is certified by FMP in Stoccarda, Germany.

This assembly manual has the aim to inform you about the principle phases of assembly and installation of the tower.

Concerning the lifting apparatus, you must refer to the instruction manuals that are attached to the apparatus themselves.

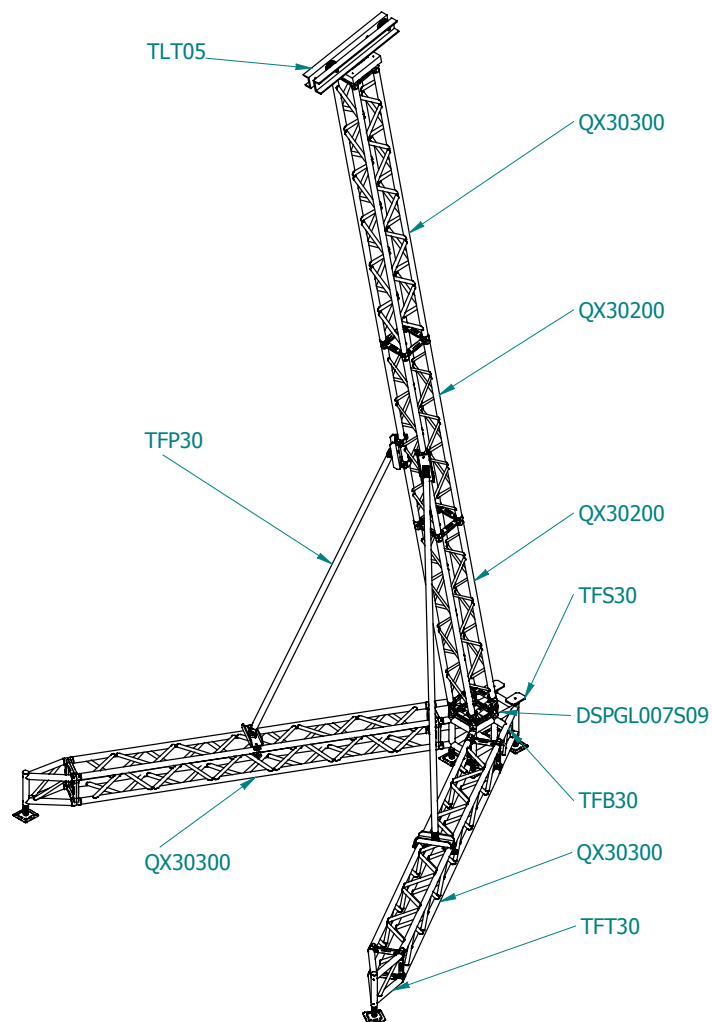
The anchorage system to the ground can't be explained in absolute terms because we are talking about structures for temporary use. Therefore it isn't possible to establish homogeneous parameters. Consequently different and "dedicated" solutions must be defined from the first instance that you proceed with the installation of the structure, this is due to the various and variable conditions of the ground, the diversity of the geographic areas where the structure can operate and in the frequent eventuality of not being able to picket the ground because of the restrictions imposed to safeguard particular terrains.

You are invited to contact a qualified professional or consult our own Technical Service for the dimensions of the whole anchorage system for each specific case.

Besides this manual you are also delivered the structural calculations report.

2. Characteristics.

	FTX30	FTD30
Max width and length of the plant	360x410	
Weight of the complete structure [Kg]	160	225
Max length of the tower body [m]	7	9
Max load applicable [Kg]	500	600
Ballast (at full load) [Kg]	170	200

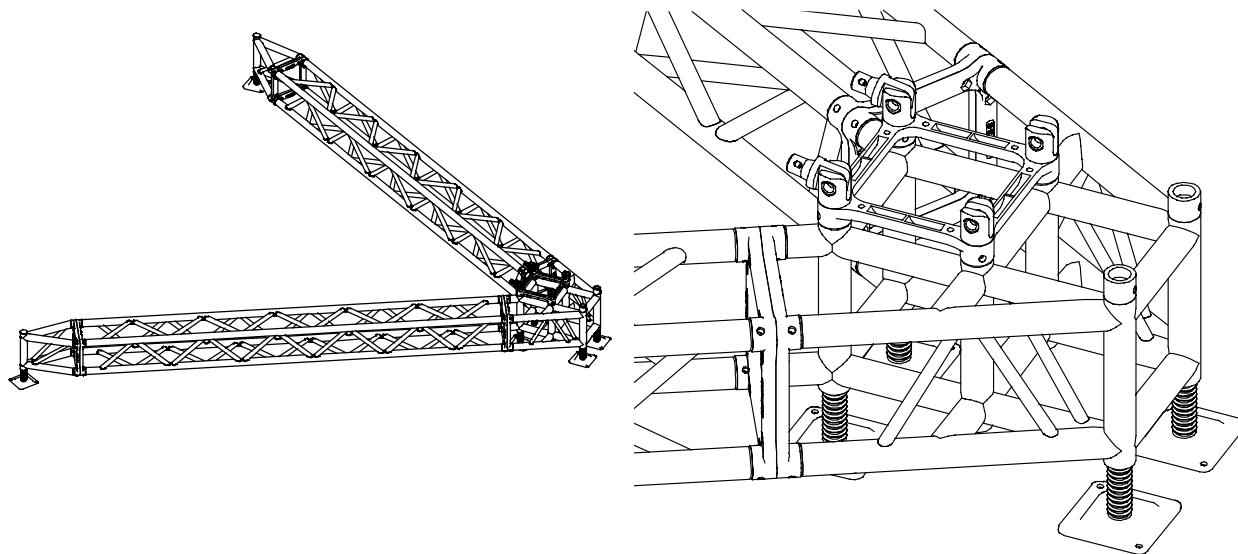


3. Assembly sequence.

This brief description of the phases of assembly of the Flyintower FTX30 are reported in the following points, as the assembly sequence is the same as those in the model FTD30.

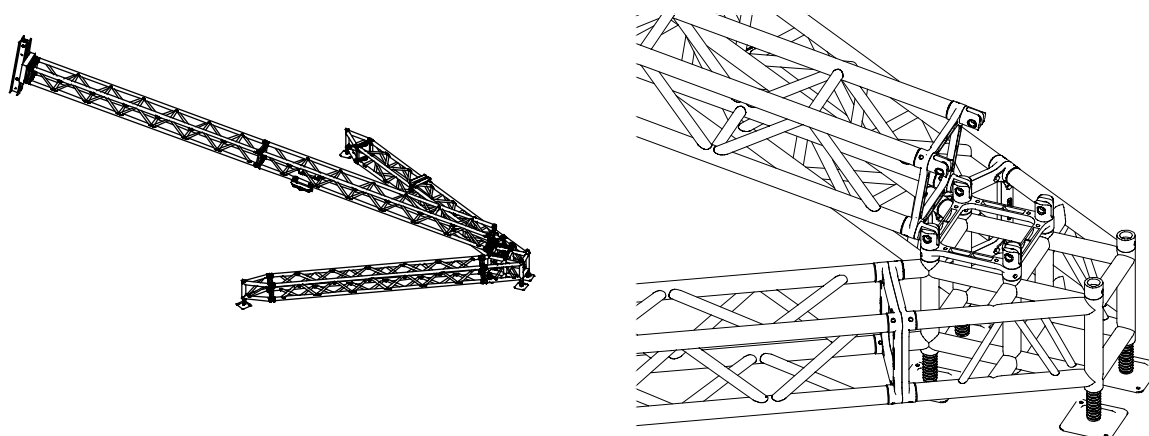
Assembly of the base.

The base must be assembled starting with the central block TFB30 where it will be fixed to the QX30 trusses for the legs and TFT30 terminals with the relative Layher lags.



Assembly of the body of the tower.

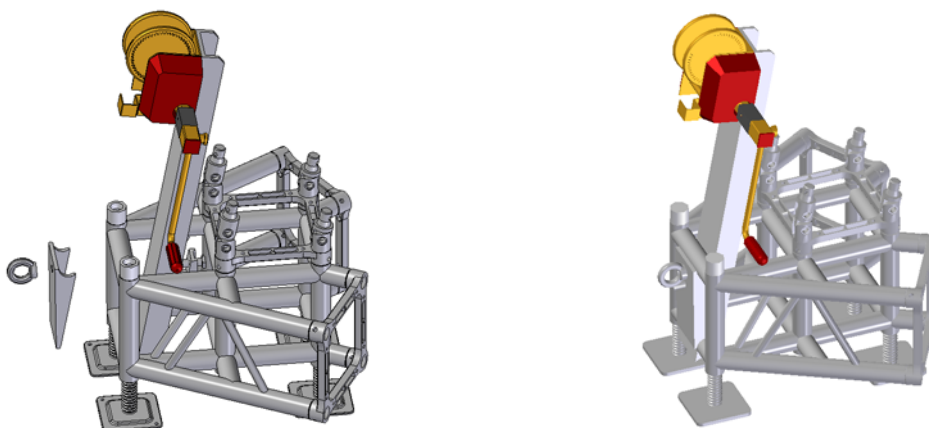
Proceed with the assembly of the body of the tower built from the QX30 trusses and from the TLT05 top. Hook the assembled tower body to the base as seen in the following figures.



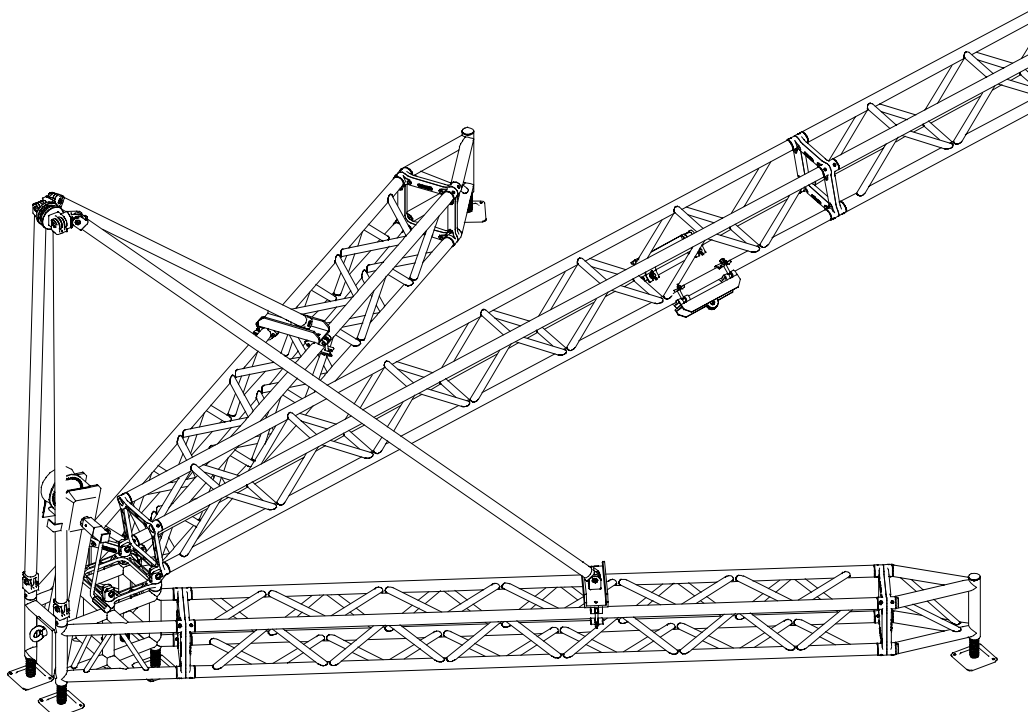
Lifting of the tower.

The lifting system is composed by four RAF connected to each other with a set of forks and a pulley for the lift of the motor chain or cable of the manual winch. The illustrations that follow help to understand how you must assemble the lifting system and the support for the manual winch.

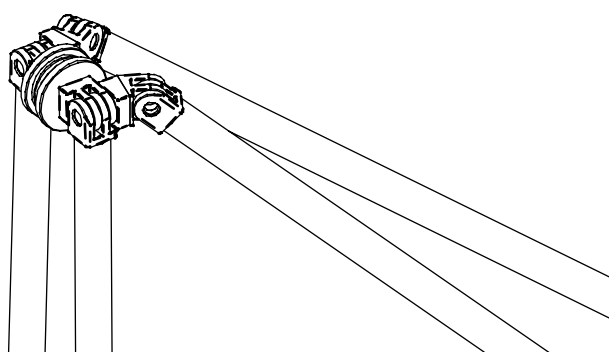
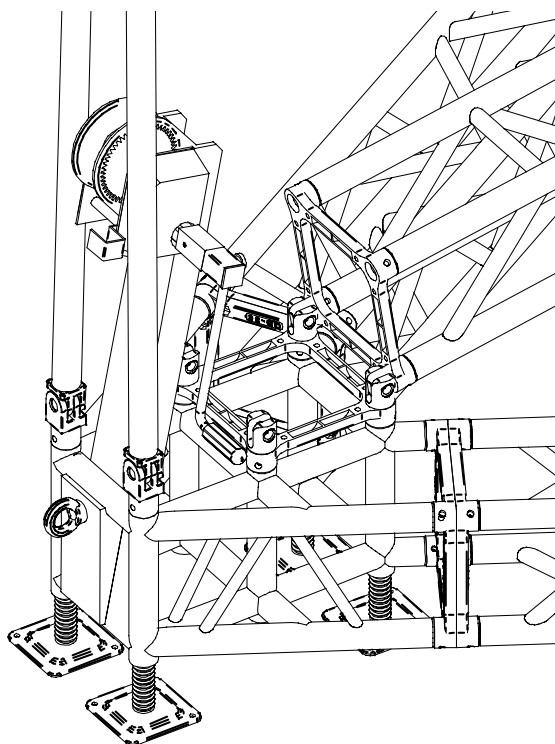
The first phase is the assembly of the support for the winch:



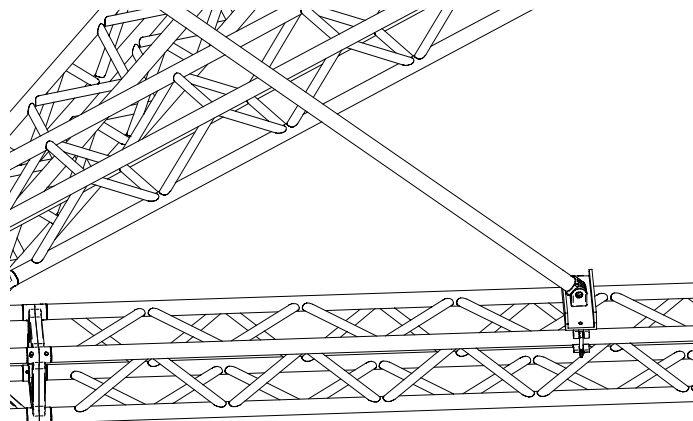
The second phase is the fixing of the lifting system:



The illustrations that follow highlight the particularities of the assembly. Hook to the base with the KHLP pins,



Hook to the legs with the KHLP pins onto the TFA30 hooks.



The body of the tower must be hooked to the winch in a medium point of its length and be lifted with caution. When all this is carried out, the body must be fixed with the relative pins to the base and with the TFP30 (TFP30D for the FTD30 version) strut onto the TFA30 located on the legs and on the body of the tower.

At this point, the lifting system can be taken off from the Flyintower. The winch can be used for the load or it can also be taken off to be substituted by a motor.

