



ADDED BENEFITS

Delivered flat-packed, our prefabs can be fully erected, including all electrical systems, **in less than 30 minutes...**with the help of 3 workers only

*

Completely insulated **ONE PIECE** roof

*

No need for forklift trucks or cranes thanks to our **LIFTING DEVICE**

*

Their **connection with other prefabs** allows the creation of 2, 3 or even 4 storey buildings

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All panels, being of the same dimension, are **completely interchangeable**, allowing the position of windows and doors at Customer's choice

A FEW DETAILS

Erected flat pack



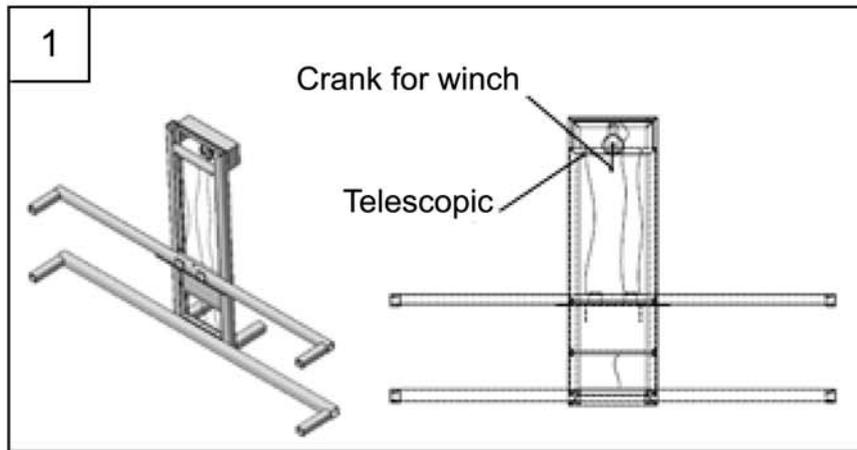
Inside



G. FERON Prefabs

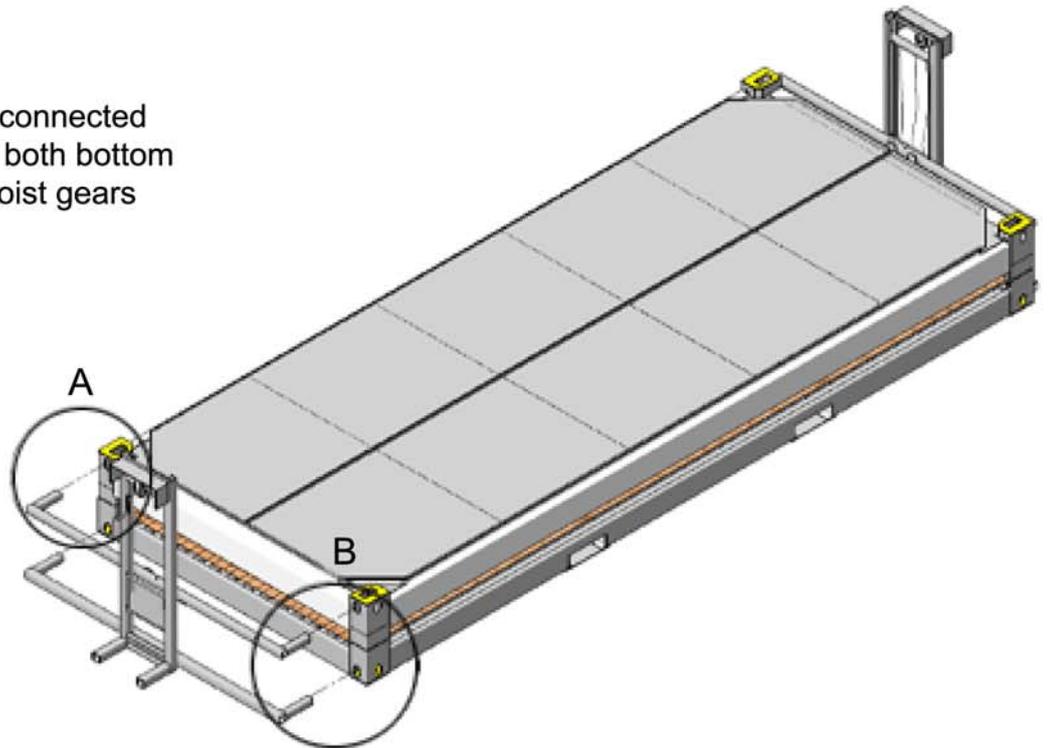
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LIFTING DEVICE

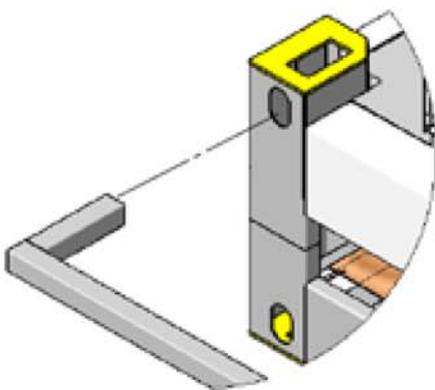


2

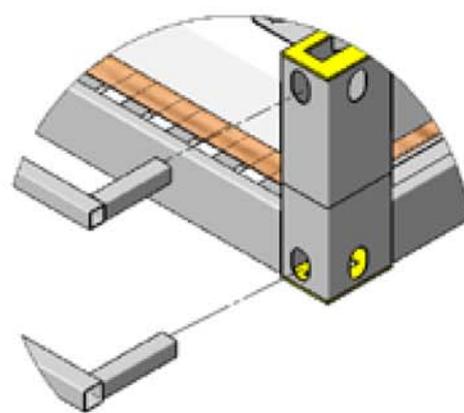
Arms of the lifting device are connected into the corner block holes of both bottom & roof, to allow the fixing of hoist gears and safe lifting



2A



2B

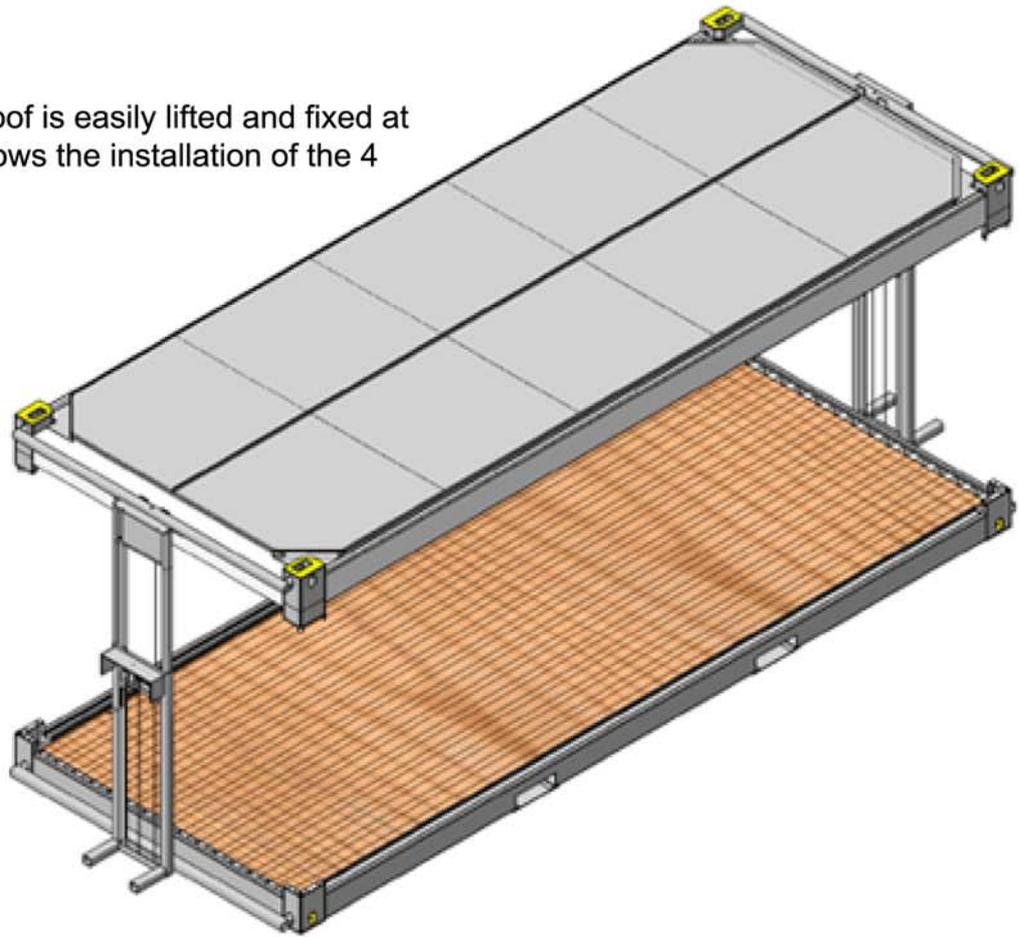


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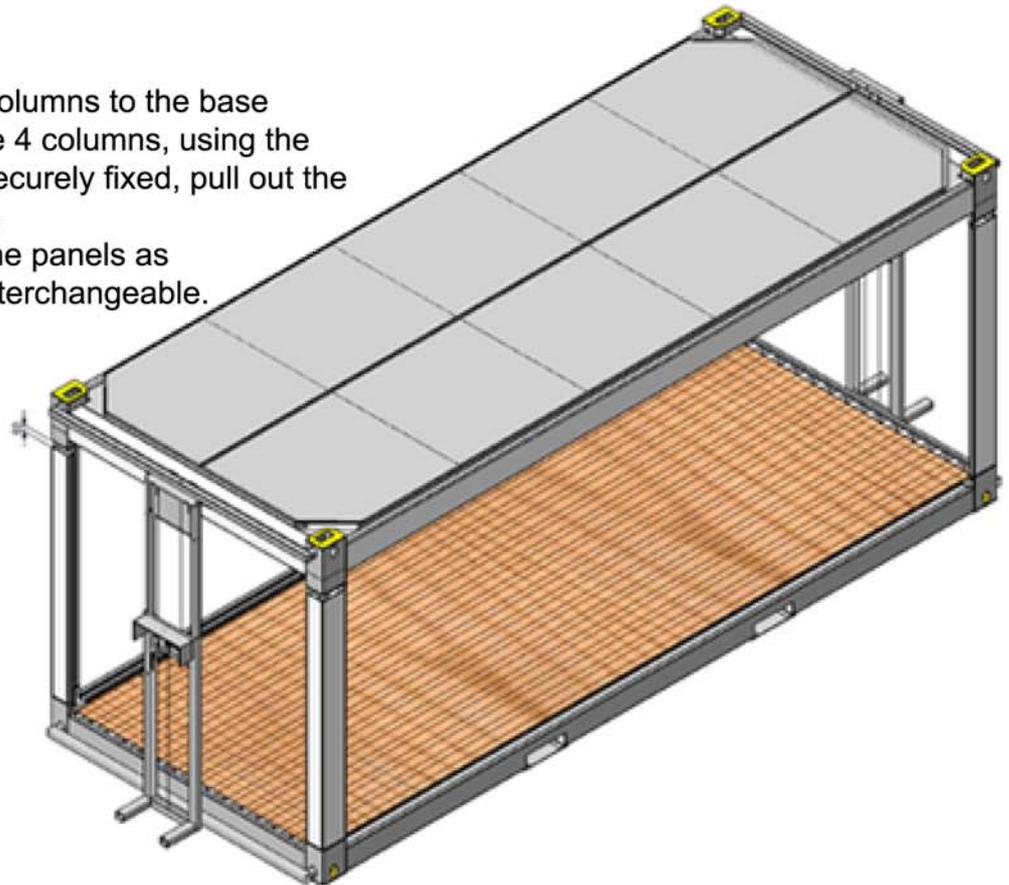
3

Using the crank, the roof is easily lifted and fixed at a specific height. It allows the installation of the 4 columns.



4

After having fixed the 4 columns to the base profile, lay the roof on the 4 columns, using the crank. Once the roof is securely fixed, pull out the arms of the lifting device. You may now safely fix the panels as you wish, as these are interchangeable.



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TECHNICAL DESCRIPTION

Our erected prefab has the same dimensions of ISO 20' ctr: 2591mm x 2438mm x 6058mm (internal height 2300mm)

- Base realised by perimeter galvanized metal plate 25/10 profiles, connected by corner blocks of ISO dimensions.
In the foundation there is the insertion of galvanized metal plate 30/10 profiles 350 x 110 mm. are inserted in the foundation as forklift pockets. The bottom part is completed by fretted collaborating 8/10 metal plates welded to the front and to the forklift pockets profiles.

Thanks to this, the structure of the base is made of a single piece only, with a load of 750 Kg/m². These flat pack units can be lifted up to 4 pcs at the same time.
The insulation of the base is obtained by self-extinguishing polystyrene 55 mm. thick placed in the fret, with the addition of other 25 mm. thick in the above part (see annexed drawing).

Floor made of one piece of agglomerate waterproof wood of 18 mm. thick with the flooring surface consisting of linoleum of 15 mm thick.

- Lateral walls made of sandwich panels mm. 50 thick with a RAL9002 metal plate outside and a RAL1015 metal plate inside.
Each panel is interchangeable in every position of the unit.
Doors and windows are inserted in the panels. Corner columns are made of prepainted 15/10 metal plates.
- Roof build with galvanized metal plate profiles of 20/10 thick connected by corner blocks of ISO dimensions.

The roof is made of the same panels as the lateral walls and its external part is made of stitched metal plates that guarantee an air-tight covering.
- 1 External solid door, made of aluminium white painted profiles 875 mm. x 2060 mm.
- 2 Sliding windows made of PVC white painted profiles 875 mm. x 1.045 mm. complete with double-glazing, blind curtains, grates and fixed mosquito blinds.
- 1 frame as air conditioner support
- **ELECTRICAL SYSTEM:**
 - 1 Electrical board
 - 2 neon lights
 - 4 Schuko sockets
 - 1 External electrical connection



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