
Prefabricated House (Camp Building) Introduction



Lingshan Steel Structure Co., Ltd

Tianjun Steel Structure Engineering Co., Ltd



Lingshan Steel Structure Co., Ltd.

Tel: 0086-532-83957826

Fax: 0086-532-83957822

Web: <http://www.lstianjun.com/en/>

E-mail: sales@lstianjun.com

General Introduction

Prefabricated house (camp house) has two house series: Standard design prefabricated house also called "K Model House" and "T Model House". They both used a lot for labor camp, site office, housing project and so on.

The different between the two kinds of house is from the main steel structure.

K Model House use "double C section steel" as main column and the column could be seen from house inside and outside.

T Model House use square pipe as main column, all the columns fixed inside the house, could not be seen from the outside.

The different from the structure bring different advantage and disadvantage about them.

K Model House could be moved easier than the T Model House, the price is cheaper. Design life span is 10-15 years.

T Model House is stronger and better in heat insulation. Design life span is 15-20 years.

The detailed technical description will be shown in the following information; it will help you know more about our prefabricated houses.



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K Model House Description



House main specification

House depth: 5.56m or 6.23m or 8.28m or special size as requested

House width: $n \times K \times 1.8\text{m}$ ($n = 5, 6, 7, \dots$; $K = 1.8\text{m}$)

House height: single floor, double floor or three floors

Design load

Roof load: 0.50KN/m²; Floor load: 1.5 KN/m²

Wind load: 0.45 KN/m²; Snow load: 0.15KN/m²

T Model House Description



House main specification

House depth: designed as requests

House width: designed as requests

House height: single floor, double floor or three floors

Design load

Roof load: 0.50KN/m²; Floor load: 1.5 KN/m²

Wind load: 0.45 KN/m²; Snow load: 0.15KN/m²



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Main steel structure components

Roof truss: made of C section steel, welded and connected by bolts.



Roof purlin and wall purlin: made of C section steel.



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Main column: made of double C section steel.



Roof and wall cladding

Cladding for roof and wall usually will be sandwich panel



polystyrene roof panel fiber glass roof panel rock wool roof panel

Main column: made of steel square tube



Roof and wall cladding

Cladding for roof and wall usually will be sandwich panel



polystyrene wall panel fiber glass wall panel rock wool wall panel



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Windows and doors (same for both house styles)

Windows: PVC window, aluminum alloy window. The size and open style could be design according to the requests.

Doors: sandwich panel door, wood door, PVC door with glass, aluminum alloy frame door, wood door, security door are all available. Or some other special kind of doors confirmed by clients.

Other accessories (same for both house styles)

Floor plywood: 18mm good quality plywood

Floor leather: 1.5mm PVC floor leather

Electric system: designed according to room layout. Sockets, switch, lights, cable and all the necessary items could be offered.

Plumbing system: designed according to the house water system layout, pipes, basin, toilet, connection accessories, and all the necessary items could be offered.

Installation accessories: glass glue, nails, edge cover, AC rack, general bolts, anchor bolts all the necessary items needed for house assemble will be offered.



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Sample projects



KSA Labor Camp



Sichuan Housing Project



Camp Project in Georgia



Site Office in Malaysia



Camp Project in Angola



Camp Project in Brazil