# Prefabricated House (Camp Building) Introduction





Lingshan Steel Structure Co., Ltd
Tianjun Steel Structure Engineering Co., Ltd



Tel: 0086-532-83957826

E-mail: sales@lstianjun.com Web: http://www.lstianjun.com/en/

#### **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.



Tel: 0086-532-83957826

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

Fax: 0086-532-83957822

E-mail: sales@lstianjun.com

### 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\*K\*1.8m (n= 5,6,7,·····; K=1.8m)

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



Tel: 0086-532-83957826 Web: http://www.lstianjun.com/en/ Fax: 0086-532-83957822

E-mail: sales@lstianjun.com

#### 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.





#### 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.







Tel: 0086-532-83957826

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

Fax: 0086-532-83957822

E-mail: sales@lstianjun.com

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

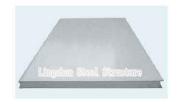
Main column: made of steel square tube





### 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



Tel: 0086-532-83957826

E-mail: sales@lstianjun.com

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

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.



Tel: 0086-532-83957826

Fax: 0086-532-83957822

Web: http://www.lstianjun.com/en/ E-mail: sales@lstianjun.com

### Sample projects



**KSA Labor Camp** 



Site Office in Malaysia



**Sichuan Housing Project** 



**Camp Project in Angola** 



Camp Project in Georgia



**Camp Project in Brazil**