



BRIDGE HOUSING



THREE COMMON WAYS TO FRAME A BUILDING

- Post and beam
- Stud walls – wood, steel
- Masonry walls

By far, the most common is stud walls

- Wood - for residential
- Steel - for others



Material and labor

- Masonry walls, commonly used for over four millennia, require skilled labor.
- Stud walls do not require the same level of skill.
- But, in addition to the frame, they require additional material and labor for
 - *enclosure,*
 - *vapor barriers,*
 - *insulation,*
 - *acoustic dampening,*
 - *fire proofing.*

PanLbilt *Bridge Housing* transform the building process by substantially

- lowering construction time,
- improving building enclosure,
- increasing fire resistance,
- damping acoustic transmission,
- increasing building life,
- reducing life cycle and maintenance costs,
- reducing design, construction labor and management costs.

PanLbilt Bridge Housing Competitive Advantages

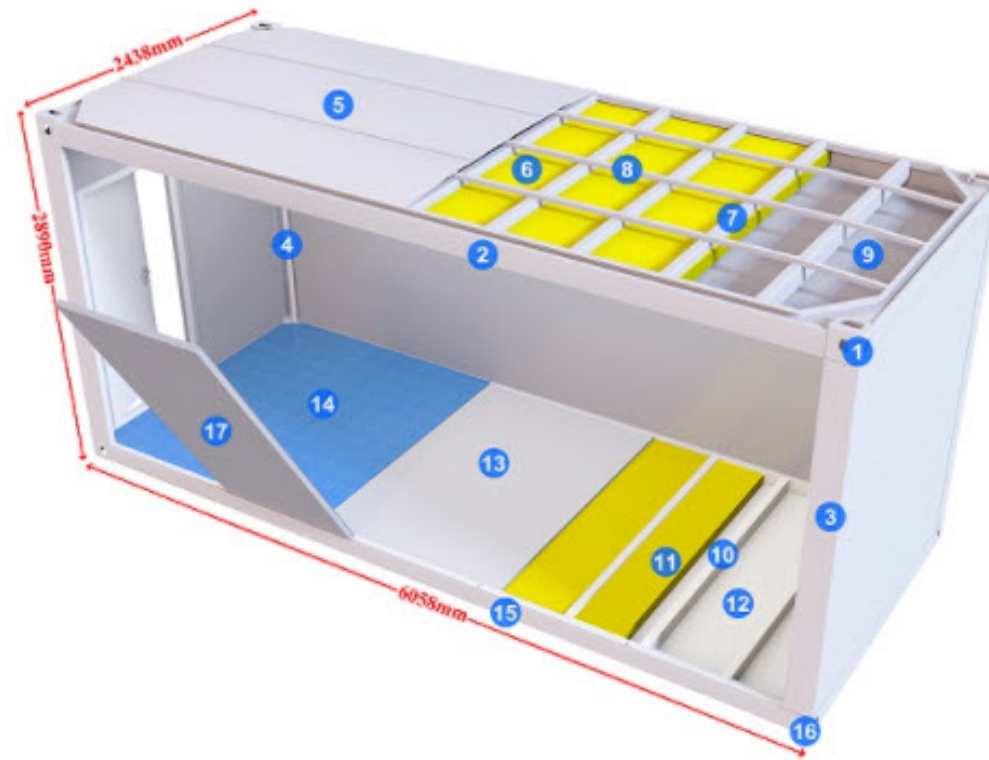
- ***“Better, Cheaper, Faster”***
- ***Fast turnaround from Receipt of Order to Ready to Ship***
- Rapid Assembly at the construction site
- Modular construction that allows for stacking of units
- Can be easily transported to other locations
- Customized internal designs for applications including refugee housing, remote worker sites, dormitories, schools, etc.

Factory Manufactured Bridge Housing









1. Top Corner connection
2. Top main beam: 180mm *3mm
3. L shape Pillar:210mm*150mm*3mm
4. PVC pipe for water drainage
5. Top steel plate
6. Insulation : rockwool, glasswool,EPS
7. Top support beam : 2mm C100 steel
8. Top support square tube
9. Ceiling board

10. Bottom support beam:2mm C120 steel
11. Insulation
12. Bottom steel plate
13. 18mm MGO board
14. PVC floor leather
15. Bottom main beam 160mm*3mm
16. Bottom corner connection
17. Wall panel with insulation

Emergency or Temporary Housing

- Rapidly Assembled
- Excellent alternative to Wooden Trailers
- FEMA can stage and deploy for Emergency Response
- Packed 5 or 6 in a 40' Shipping Container

PanLbilt Bridge Housing



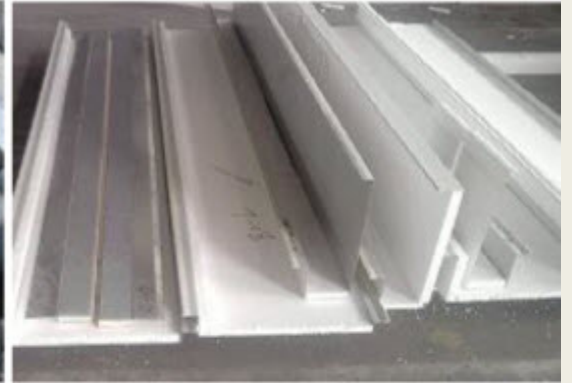
Current FEMA trailers



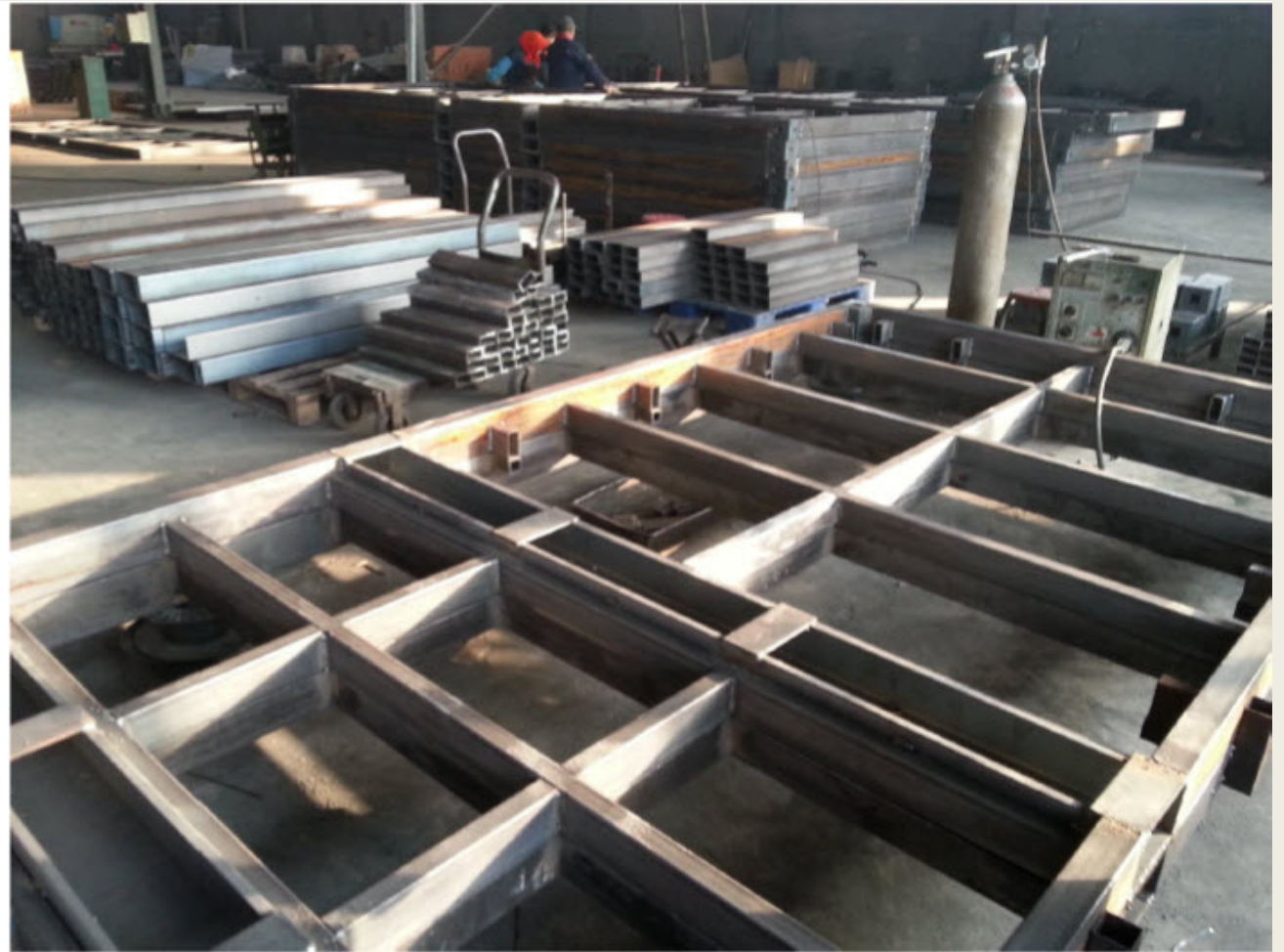
Factory Manufactured Bridge Housing



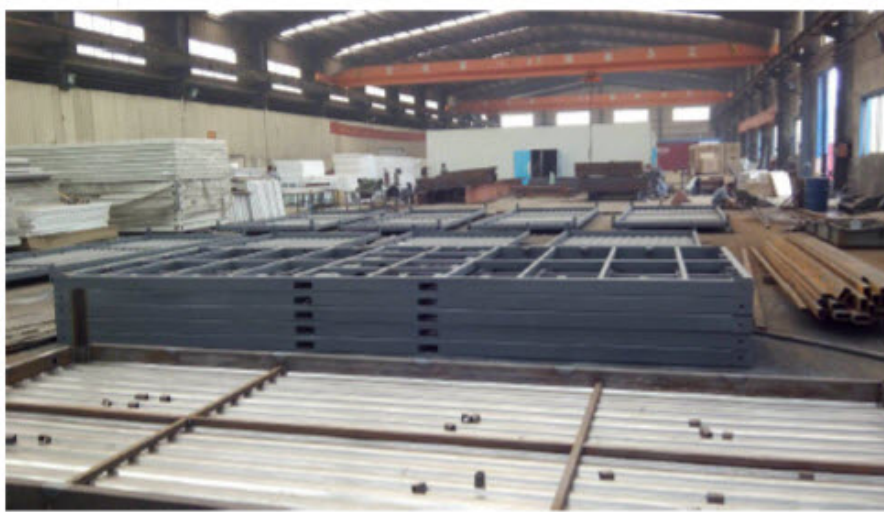
Bridge Housing Production Process



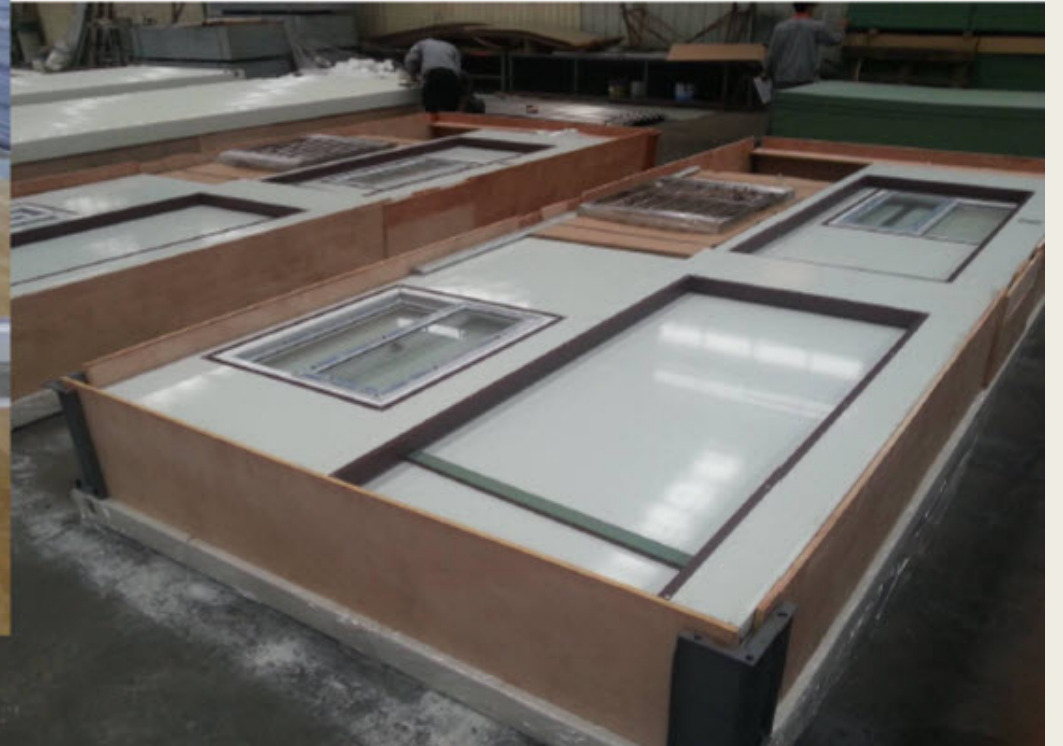
Bridge Housing Production Process



Bridge Housing Production Process



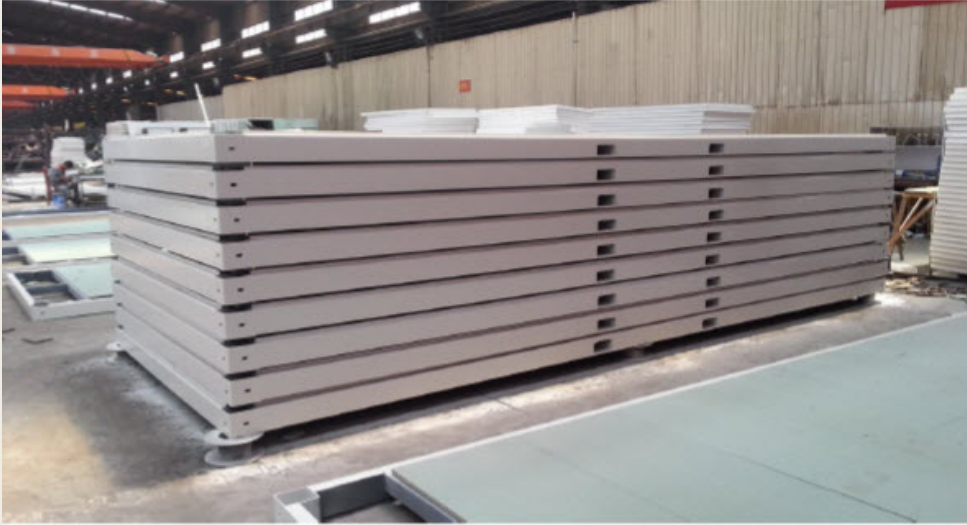
Bridge Housing Production Processes



Bridge Housing Production Process



Bridge Housing Production Process



Bridge Housing Installation & Placement Processes



Bridge Housing Installation & Placement Processes



Bridge Housing Installation & Placement Processes



Bridge Housing Customized Interiors



Bridge Housing Village



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