

	Home Handling Guidelines	DOC #	FIELDOPS-02
		Revision #	01
		Implementation Date	11.1.2023
HUD (steel frame) Homes		Last Reviewed/Update Date	10.22.2023
	Total Pages 7	Approval	Pending

Purpose: To provide general guidance for safe Clayton HUD home handling practices.

Moving Homes Safely and Efficiently:

As a manufactured home dealer, contractor, or transporter, you know that the delivery and set up of every home presents its own unique set of challenges such as coping with difficult site conditions, bad weather, and rough terrain make it tough to stay on schedule, costing you time and money. Safe home handling practices not only keep you and your Team members safe they also reduce the risk of damage possible damage. Remember, some locations maybe too difficult to safely move homes onto and easier more accessible locations, even though more expensive, may save money and provide less risk in the long run.

General Safety measures:

Always follow the common safety measures as outlined in OSHA 1929 and ANSI B30.5 regulations regarding; PPE, safety cribbing, rigging, lifting procedures, and fall protection.

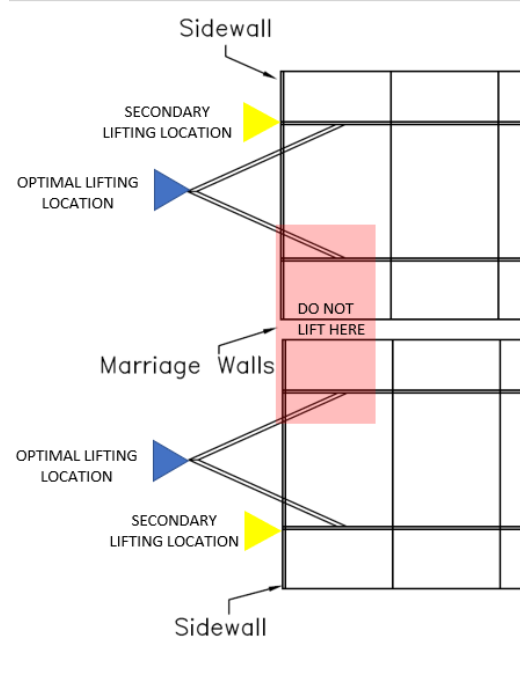
Lifting equipment:

Translift and Platypus are machines that have been designed for the manufactured housing industry to place and position a home on a job site. In this guide “Translift” will be used for this type of equipment. **The Translift owner’s manual MUST BE READ AND STUDIED BY ALL TRANSLIFT OPERATORS.**

Never use Translift to tow units on an incline or sloping terrain.

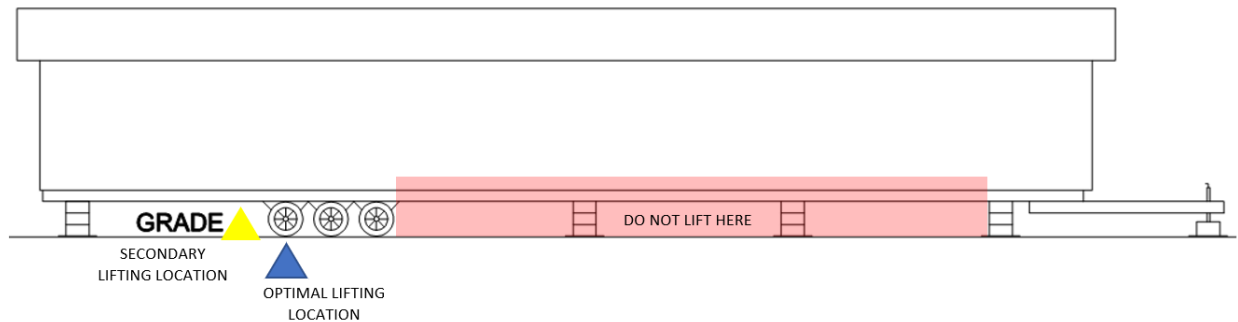
- Hitch End Pick-Up Location:
 - Recommended Pick Up Location: Pick up and maneuver the home at the hitch.
 - If unable to maneuver from the hitch, lift from the I beam on the sidewall side. Avoid Lifting and moving from the marriage wall side. For triple wide units with no sidewall, pick up from the side with the least number of penetrations (Long span openings, doorways, etc.)

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- Axle End Pick-Up Location:
 - Recommended Pick Up Location: Pick up and maneuver the home at the rear axle location.
 - If unable to remove an axle, pick the house up behind and as close to the rear axle as possible.
 - Only lift the home directly under where the chassis has been reinforced by cross members and outriggers or reinforce the frame above lift points per guidance below or add bracing to the frame rails.
 - When a home must be maneuvered laterally, it **MUST** be reinforced at the lift locations prior to moving to prevent damage to the home. For more information see methods to reinforcing the home below.
- *NEVER LIFT A HOME BETWEEN THE HITCH AND THE FIRST AXLE, THIS CAN CAUSE SEVERE DAMAGE TO THE HOME.**

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- Longer Homes require multiple lifting points.
 - To avoid damage, lifting points should be no more than 20' apart and no more than 20' from each end of the I beam. (*Installation manual pg. 39*)
 - Always refer to certified lifting professional for your specific situation.
- Reinforcing the home:
 - When picking up or maneuvering a home, it is recommended to add reinforcement to the structure to prevent chassis damage.
 - Reinforcement Methods: laterally reinforcing the home prevents damage during turns and when pushing or pulling horizontally on the I beam of the home.
 - Adjustable outriggers should be attached near each floor rail over the lift area with one end fastened to joist and other end positioned at the chassis web and bottom flange. (Figure 1)
 - Between the adjustable outriggers, the two chassis beams should be connected by one of the following methods to prevent the chassis beams from buckling.
 - Two frame saddles should be placed at each chassis beam. (Figure 2)
 - Add a bolt on cross member, available from the home building facility. (Figure 3)

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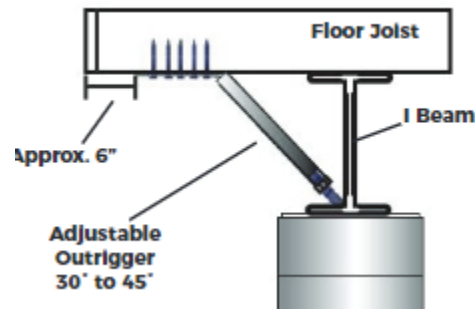


Figure 1: Oliver Technologies Adjustable Outrigger

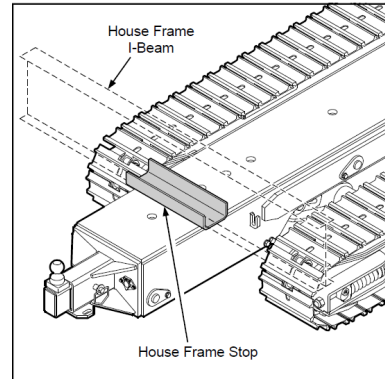


Figure 2: Platypus Frame Stop/Beam Saddle

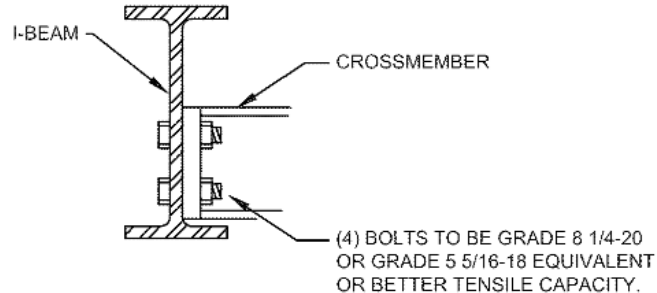


Figure 3: Bolt-On Cross member

- Home Maneuverability:
 - The Platypus or Translift is designed to maneuver and locate a manufactured home into final position, after it has reached the home-site. Although the Platypus comes equipped with a ball hitch, the Platypus is not designed for the purpose of transporting the manufactured home over a long distance to the home-site. The Platypus or Translift is intended to operate within a 200 ft radius of the final home-site. See Figure 1-1.

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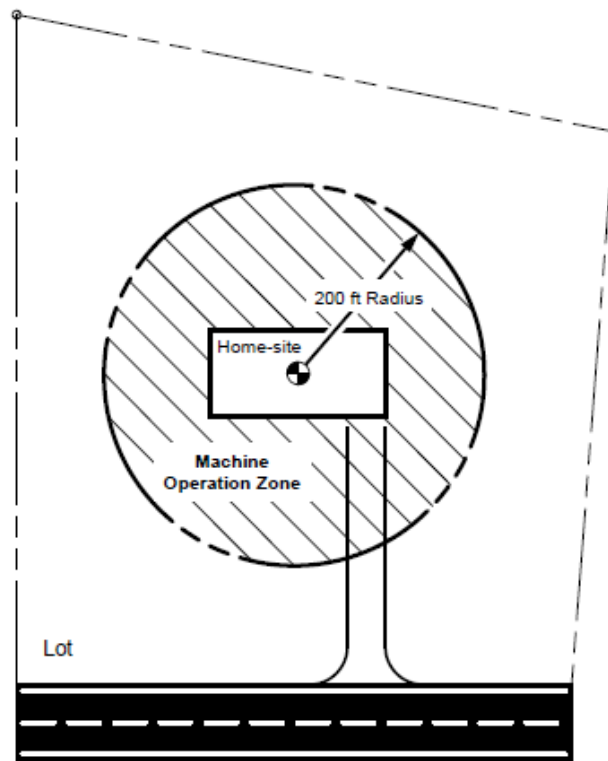


Figure 1-1. Suggested Operation Zone

○ Lifting and Tracking Modular Unit:

- Clear the area around the home section of all personnel before lifting and tracking.
- Operate the machine slowly and use caution as you engage, lift, and track.
- Always keep the home section level and make slow safe movements to prevent tipping or sliding. This is especially important when operating on uneven surfaces. See Figure 4-15.
- Use the house frame stop whenever possible to prevent the home section from sliding. (See Figure 4-15) Wood may be placed between the home section frame and lifting beam to create friction and thereby reducing the chance of the load sliding unexpectedly.

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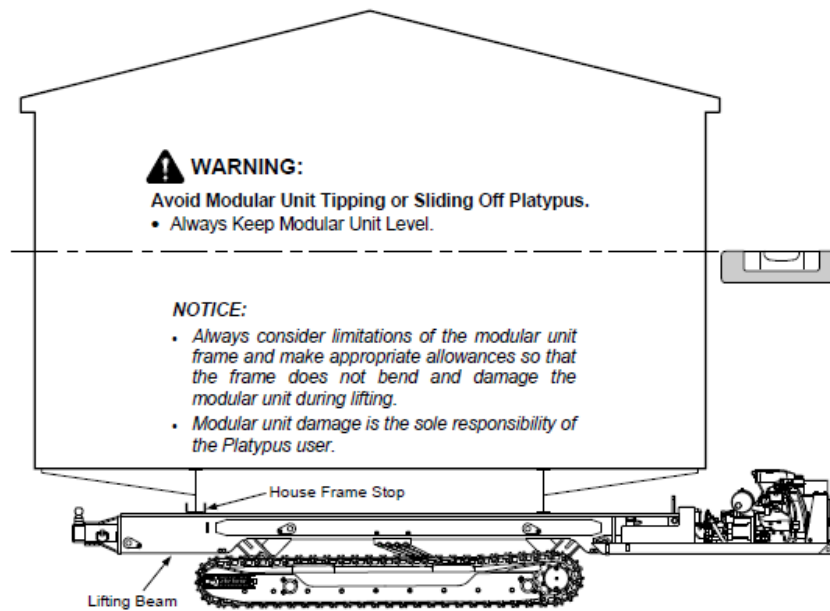
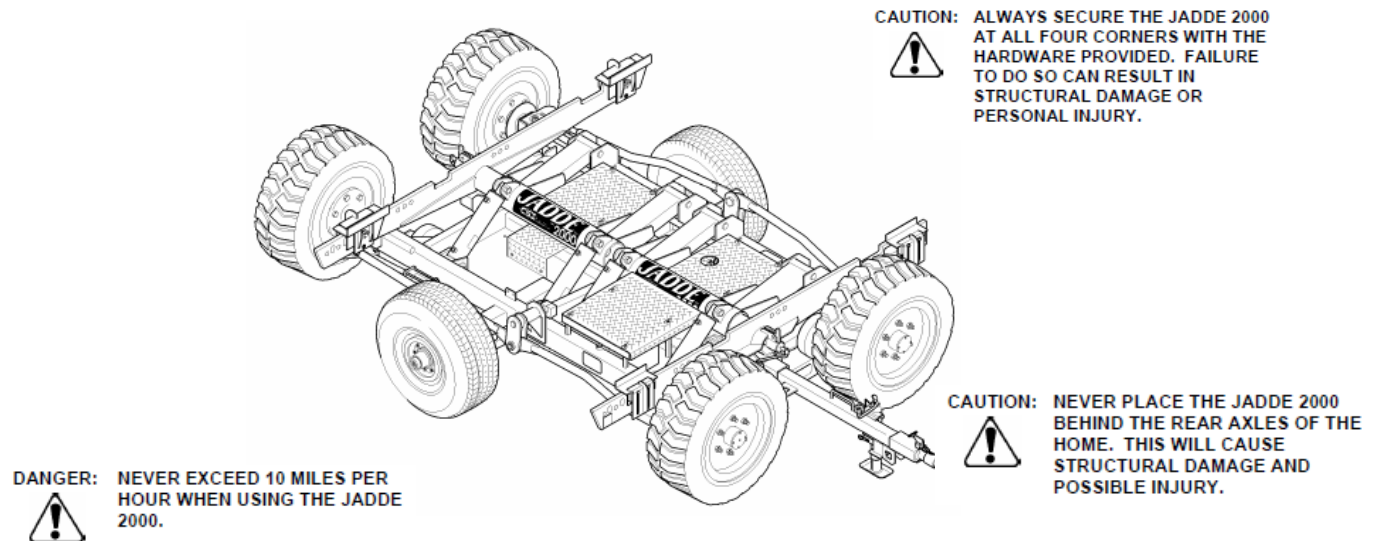


Figure 4-15. Lifting and Tracking Modular Unit

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Cutting Systems – Jadde 2000 - steerable home maneuvering dolly.



JADDE 2000

WARNING: THE OPERATOR OF THIS EQUIPMENT MUST READ, UNDERSTAND, AND FOLLOW THE OPERATING INSTRUCTIONS AND THE DANGER, WARNING, AND CAUTION NOTES PROVIDED IN THE SAFETY FIRST ALERT AND THE CONTROLS AND OPERATING PROCEDURES SECTIONS TO PREVENT INJURY TO PERSONNEL, EQUIPMENT, AND/OR THE HOUSING UNIT.

WARNING: DO NOT START OR OPERATE THE JADDE 2000 BEFORE READING, UNDERSTANDING, AND FOLLOWING ALL THE INFORMATION GIVEN IN THIS SECTION. THE OPERATORS MUST READ AND UNDERSTAND THE FUNCTION OF ALL CONTROLS, INDICATORS, AND GAUGES. SERIOUS INJURY OR DEATH CAN RESULT IF THESE PROCEDURES ARE NOT FOLLOWED

WARNING: INSURE THE MANUFACTURED HOME IS SOUNDLY SUPPORTED AND PROPERLY SCOTCHED BEFORE ATTEMPTING TO INSTALL THE JADDE 2000.

WARNING: DO NOT PUT FINGERS BETWEEN THE HOME FRAME AND JADDE 2000 DURING INSTALLATION OR REMOVAL. SHIFTING OF THE HOME FRAME OR THE JADDE 2000 HYDRAULIC WINGS CAN RESULT IN CRUSHED OR PINCHED FINGERS.

As with any home moving equipment the operator must fully understand the operating Instructions, limitations, and be skilled in its operation to avoid injury and damage to the home. Consult the full operating instructions document from the manufacturer for more information.