



ARCIMOTO 24/7 PRODUCT SUPPORT: (541) 780-0032

Overview

This guide is provided for Arcimoto customers that need to transport their FUV. This guide describes the basic requirements for any flatbed trailer used, and the correct method of transporting an FUV.

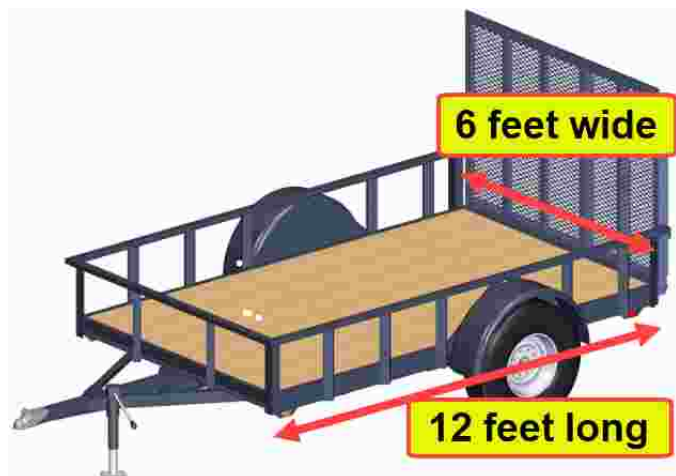
Flatbed Trailer Requirements

Minimum Trailer Dimensions

Verify that the flatbed trailer is big enough to load and hold the FUV. The overall dimensions of the FUV are:

- **Width: 61 inches (5 feet, 1 inch)**
- **Length: 113 inches (9 feet, 5 inches)**
- **Height: 65 inches (5 feet, 5 inches)**

Select a flatbed trailer with a loading surface area that is at least 6 feet wide and 12 feet long.



IMPORTANT NOTE: When selecting a flatbed trailer, verify that BOTH THE RAMP AND THE ENTIRE LOADING SURFACE AREA ARE AT LEAST 6 FEET WIDE.

ACCOUNT FOR GATE HINGES, LIGHT FIXTURES OR OTHER STRUCTURES ON THE REAR OF THE TRAILER THAT COULD DECREASE THE LOADING WIDTH.

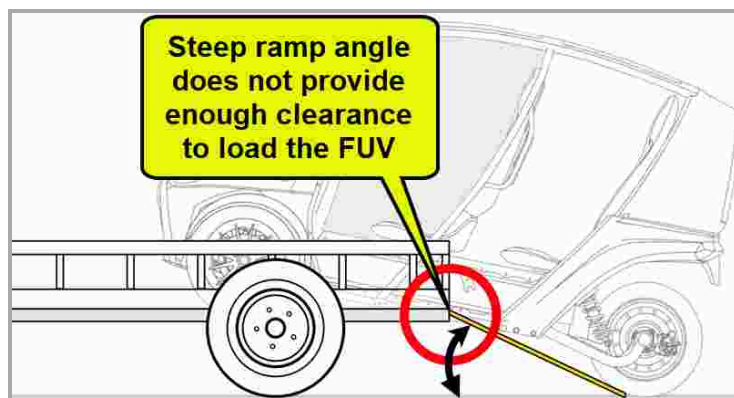
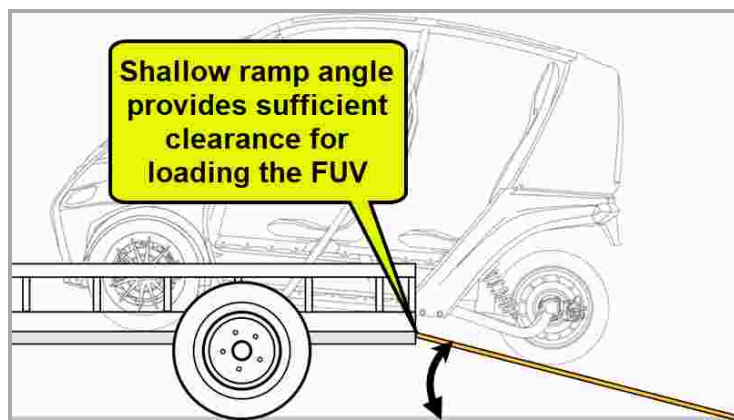
The loading ramp and entrance to the trailer must be at least 61 inches (5 feet, 1 inch) wide to allow the FUV to be rolled onto the trailer.



Ramp Breakover Angle

The "Ramp Breakover Angle" is the maximum allowed angle of the loading ramp. The maximum Ramp Breakover Angle for the FUV is **20 degrees**.

If the Ramp Breakover Angle is shallow (less than 20 degrees), the FUV will have sufficient clearance to roll onto the trailer.



Select a flatbed trailer with a Ramp Breakover Angle that is 20 degrees or less.

If the Ramp Breakover Angle is too steep (more than 20 degrees), the FUV will “bottom out” when rolling it onto the trailer. This can cause serious damage to the FUV as well as to the trailer.

Figuring Out the Ramp Breakover Angle

The Ramp Breakover Angle is set by the height of the loading deck on the trailer, and the length of the Loading Ramp. A long Loading Ramp results in a shallow Breakover Angle, and a short ramp results in a steep Breakover Angle.

To ensure an appropriate Breakover Angle, the Ramp Length must be at least **3X** the Loading Deck height. For example:

Loading Deck Height	Minimum Ramp Length Required
1.5 feet (18 inches)	4.5 feet (54 inches)
2 feet (24 inches)	6 feet (72 inches)

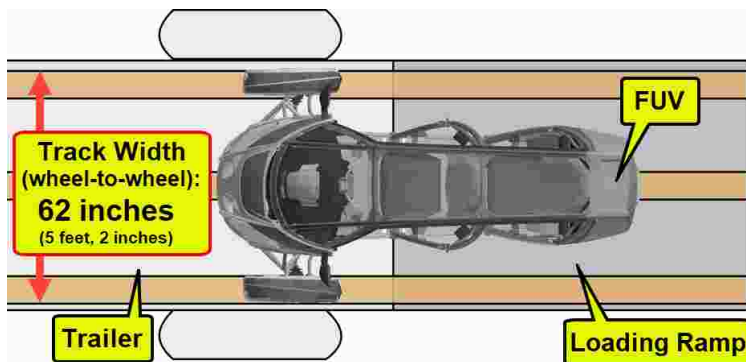
Minimum Trailer Weight Rating

The FUV weighs **1300 pounds**. Ensure that the flatbed trailer has an approved load rating greater than the actual weight of the FUV, including any installed accessories or cargo.

Ramp Weight Rating

In addition to the overall trailer weight rating, it is crucial that the ramp(s) used can support the weight of the FUV. Ensure that the loading ramps can support at least **1300 lbs**.

Note that the track width of the front wheels on the FUV is **62 inches**. Ensure that both the Loading Ramp and the Loading Deck have sufficient support for all three wheels.



Loading the FUV on a Trailer

ALWAYS position on the trailer the FUV facing forward.

Engage the Parking Brake, remove the Key, and chock all wheels. Ensure that no loose items are inside the FUV, and remove all cargo.

- **ALWAYS** use tire straps on all three wheels to fully secure the FUV for transport.
- **ALWAYS** follow local laws and regulations regarding tie-down and transport requirements for 3-wheel vehicles.
- **DO NOT** use sling type equipment when towing. Damage may occur.

Buckle All Seat Belts

In high winds, or over a long distance, seat buckles can whip around and damage the FUV.

Buckle all seat belts to avoid potential damage.

Consider the following important points before transporting the FUV:

- Before towing the FUV, become familiar with the local laws that apply to recreational vehicle towing. These laws vary by region.
- The towing capacity of the towing vehicle. Follow the tow vehicle manufacturer’s recommendations.
- Whether the vehicle has the proper towing equipment. Contact Arcimoto for advice and equipment recommendations.

Important Safety Notes

ALWAYS USE A FLATBED TRAILER TO TRANSPORT YOUR FUV. A TOWED FUV MUST HAVE ALL WHEELS OFF THE GROUND. INCORRECTLY TOWING YOUR FUV MAY CAUSE DAMAGE. THE DAMAGE WOULD NOT BE COVERED BY THE VEHICLE WARRANTY.

CAUTION

Do not tow the FUV from the rear with the front wheels on the ground. This will damage the drive unit.

CAUTION

Front or rear wheel lifts must not be used (if the remaining wheels are on the ground). Internal damage to the vehicle will occur if a front or rear wheel lift is used when towing.

WARNING

Because of the single rear wheel, the FUV cannot be towed by a conventional tow truck. Never tow the FUV on its wheels behind another vehicle.