



Products for the able and disabled alike

Thank you for your interest in the unique Easy Load products. We have 5 major and 3 adjunct products. The following is an explanation of all products and how they are used to load and transport trikes, recumbent or upright with minimum to no lifting required. All Easy Load systems are designed to work with a 2" receiver hitch. However for either of the three ramp systems a 1.25" receiver hitch may be adapted to a 2" Receiver Hitch Inserts as there is very little if any motion forces on the vehicle receiver hitch.

All Easy Load products are made in America, by American companies and assembled by Americans.

RAMP SYSTEMS



Easy Load Ramp System (ELRS)

The ELRS is our basic ramp system and the system which started Easy Load.

This system consists of 2 Ramps, 1 Ramp Support "T" ("T") and 1 Receiver Hitch Insert (RHI). The ramps are 5' in length with side walls ~2" in height and they are ~3" wide. There is a 2' Ramp Extension which nests outside the Ramp and flips over onto the floor of the vehicle to which the trike will be loaded. The Ramp has a U channel latch which fits over the horizontal bar of the "T". The "T" fits into the RHI which is inserted into the vehicles 2" receiver hitch. The "T" is held in place with a 5/8" machine screw and the RHI is held in place in the vehicle receiver hitch with a Hitch Tite. There is a lock available which mates with the Hitch Tite. Ramp spacing on the "T" is marked with four Ramps Spacers. The ramps are removed from the "T" and stowed on the floor of the vehicle under the trike. Most people leave the RHI and "T" on the vehicle as it does not interfere with rear hatch operation.

The ELRS is ideal for loading a trike into a van or a smaller SUV. Three ramps are available for loading the trike with the single wheel first or if you are nesting two trikes (one trike two wheels first and the second trike single wheel first) in a wider van. When ordering either of the Ramp Systems please provide the distance from the top of the vehicle receiver hitch to the floor of the vehicle. This will assure the correct height "T" will be included in the order.



Easy Load Ramp System-XL (ELRS-XL)

Everything about the ELRS-XL is the same as the description above for the ELRS except the Ramps. These Ramps are only 4'6" in length when stowed but they telescope to a maximum of 8'. There are additional stops built in at 5', 6' and 7' which are convenient for uneven terrain or driveways. The ELRS-

XL is ideal for use with vehicles which are higher off the ground such as larger vans, SUV's and pick-up trucks.



Easy Load Ramp System-XLW (ELRS-XLW)

Everything about the ELRS-XLW is the same as the description above for the ELRS-XL except the Ramps. These ramps are ~5" wide and designed for Fat Tire Trikes. They are also an excellent choice for loading hand cycles. The 5" width of the ramp is an easier "target" for a person to load a hand cycle from a wheel

chair. The 5" width prevents the spokes on a camber wheeled hand cycle from rubbing on the Ramp sidewalls.

Three Ramps are available for any of our Ramp Systems.

TRAY SYSTEMS

The Easy Load Tray (ELT)

Please note, the Easy Load Tray (ELT) or the Easy Load-XL (ELT-XL) are not certified for use with large RV's, Motor Homes or 5th Wheels



This is our basic tray system and holds one tadpole type trike, D trike or hand cycle. The trike transporting vehicles 2" receiver hitch must have a ground clearance or 16". If not, a riser is required to make it so.

The ELT comes with running and brake lights as well as turn signals. Power to the lights is supplied through either a flat four pin or a round seven blade connector. Easy Load will install either so as to match the trike transporting vehicle. We limit the carry weight of the ELT to 85 pounds.

The ELT is lightweight and easy to handle at ~36 pounds as 10 of the 13 pieces are aluminum. The 2" Receiver Hitch Insert and Wheel Chocks are made from steel. The aluminum pieces consist of 1 Center Tube, L and R Sides, one Front Piece, one Light Bar, three Wheel Channels with grip tape and two Ramps with grip tape. The Ramps and Wheel Channels are ~3" wide. The RHI and Wheel Chocks are made of steel. The Wheel Chocks are fitted with nylon straps and buckles to secure the two wheels of a trike and the center Wheel Channel is fitted with a third strap and buckle to secure the single wheel of the trike. The Center Tube is also used as a conduit for wiring to the lights. Basic usable space to carry a trike is ~36.5" front to back and the Wheel Channels are 63".long. The effective width, L to R, may be increased by manipulating placement of the Wheel Channels. Moving the center Wheel Channel 6" to the L or R and the outside Wheel Channels 6" the opposite direction will effectively increase the width by 12".

The ELT, when a trike is **not** loaded, rotates to vertical to be out of the way when the vehicle is parked. The ELT rotates on a 3/8" Clevis Pin and is held safely in either vertical or horizontal position with an additional 3/8" clevis pin. It is important to note when the ELT is lowered to horizontal, the safety pin must be inserted before the trike is loaded as the heavier trikes may make the ELT sag just a bit and inserting the safety pin may not be possible. A second safety feature of the ELT is a gravity lock when

rotated to vertical. When the triker rotates the ELT to vertical, it will drop about ~1/2" to assure it will not fall to the horizontal position. The safety pin must also be reinserted as a secondary feature to keep the ELT vertical.

The trike can be loaded from either side as the Wheel Channels are "ambidextrous" and the Wheel Chocks can be placed on either the left or right side to facilitate loading from either side to best fit the customer needs.

The Easy Load Tray-XL (ELT-XL)



This is our "Big Boy" tray system built specifically for the larger, heavier and fat tire trikes as well as larger, longer hand cycles. Usable space to carry a trike or hand cycle is ~40.5" front to back and the wheel channels are 63" L to R. We limit the carry weight of ELT-XL to 145 pounds.

The ELT-XL function is the same as the ELT. It is the same 13 pieces except the Center Tube, Receiver Hitch Insert and Wheel Chocks are made of steel. The Center Tube being made of steel increases the ELT-XL weight to ~51 pounds. The remaining 10 pieces are aluminum. Unlike the ELT the Wheel Channels and Ramps are ~5" wide to accommodate fat tires and the extreme wheel camber of some hand cycles.

The ELT-XL rotates to vertical on a 1/2" clevis pin but the safety pin remains a 3/8" clevis pin.

A third Ramp is available for both Tray systems.

ADJUNCT PRODUCTS

Easy Load Ramp Support Stand (ELRSS)



The Easy Load Ramp Support Stand is an adjunct product for the Easy Load Ramp Systems. It was designed for those folks whose trike transporting vehicle does not have a receiver hitch or for those not wanting to incur the expense of buying and installing a hitch but wanting to use the unique ELRS. The top horizontal bar of the Stand acts as the Receiver Hitch Insert of the basic ELRS.

Durable and compact the Stand when folded flat is 2" high and stores easily with the Ramps. The 17" arm is locked vertically by a gravity lock and swings up/down in either direction. www.easyloadrampsystem.com ELRS by simply inserting the vertical leg of the Ramp Support "T" into the large hole in the center of the horizontal piece of the Stand. The "T" is then adjusted to a height matching the floor of the transporting vehicle, snugged up against the bumper of a van or SUV, or lowered tail gate of a pick-up. With the Ramps installed it is used just as if the "T" were inserted into a receiver hitch.

Single Upright Bicycle Rack (ELBR)



The Bike Rack carries one upright bike (such as a road bike or a mountain bike) and is attached to the Receiver Hitch Insert (RHI) of either the ELT or the ELT-XL. The attach point is clearly marked on RHI with a sticker in white letters. The bike rack shown is our proof of concept model. As such it is not painted but it does show concept and attach point. The Bike Rack is tall enough to allow a 20" front

wheel of a recumbent trike to roll under the outside bike pedal. If the trike front wheels are larger the pedal of the trike might have to be removed for loading purposes and then reinstalled after unloading.

Pick-up Kit



This kit is simply a taller Ramp Support "T" Bar and a longer Receiver Hitch Inset for either of the three ramp systems to allow a trike to be loaded when the tail gate of the pick-up truck is horizontal.

Please feel free to call Easy Load, 714.815.9507, for any questions you may have regarding any of our unique products.