



VESTIL MANUFACTURING CORP.

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CART-500-LA LINEAR ACTUATED SCISSOR CART

OPERATION AND MAINTENANCE MANUAL



CART-500-LA Electric Table Truck

Specifications

Model:	CART-500-LA
Rate Capacity:	500 lbs/226kg
Lowest Height:	15"/400mm
Max. Height:	33"/840mm
Table Dimensions:	19½x32"/820x500mm
Battery Charger	110V-230V
Number of Cycles under full load	20

Warning & Safety Instructions

Insure that all employees understand and follow the following instructions.

- Read and understand the owner's manual before using or servicing the table.
- Do not use the table if any damage or unusual noise is observed
- Always watch the table and any load on it carefully when it is being moved or used
- Avoid sudden stops or quick turns to prevent accidental tipping of the table.
- Use caution if you slide a load onto the table top
- Load must be centered and evenly distributed on the table
- Do not perform any modifications to the table without manufacturer's approval
- Maintenance and repairs are to be done only by personnel qualified to perform the required work
- Use only replacement parts supplied by the manufacturer.

RECEIVING INSTRUCTIONS

Every unit is thoroughly tested and inspected prior to shipment. However, it is possible that the unit may incur damage during transit. If you see damage when unloading, make a note of it on the SHIPPER RECEIVER.

Remove all packing and strapping material, inspect for damage. IF DAMGE IS EVIDENT, FILE A CLAIM WITH THE CARRIER IMMEDIATELY! Also, check the platform size, type of power unit, etc., to see that the unit is correct for the intended application.

OPERATION INSTRUCTIONS

LOADING

The load rating in pounds is shown on the capacity tag on the platform. It indicates net capacity of the table, assuming a centered load. Permanent damage to the table or injury to personnel could result from exceeding the listed capacity.

Load size should not exceed the table dimensions and should not exceed twenty-four inches in height.

OPERATION

Press the "UP" push-button to raise the platform. Platform will raise only while the control is pressed. Upon releasing the control, the platform will stop and hold its position.

Pressing the "DOWN" push-button will descend the platform. Again, releasing the control will stop the platform movement and the unit will hold its position. Be certain no part of any person or object is under any part of the platform before lowering the unit.

To Charge the unit – Set Green button on control box to “O” and Red button to “I”.

To use the unit –Set Green button to “I” and Red button to “O”

When not in use – Green and Red button both should be on “I”

Running unit on low voltage will damage the batteries

Charging time 6 - 10 hrs for full charge

Charge the unit once a month when not in use

SAFETY

Keep all personnel clear of the machine when it is in operation.

Do not exceed the table’s load rating

Use caution to avoid tipping the when placing or sliding a load onto or off of the table.

Avoid obstacles that can cause the base to sudden stop when moving a loaded table, such as cracks in the floor or the corners of machines, etc. Doing so could cause the post table to tip over or allow the load to slide off the table.

Never use the table if it is in need of repairs or if it seems to be malfunctioning

Notify your maintenance personnel if you notice anything out of the ordinary, such as odd noises, erratic motion, or damage to any part of the table or its components.

ORDERIGN REPLACEMENT PARTS

To order replacement or spare parts for this equipment, contact the factory.

ROUTINE MAINTENANCE & SAFETY CHECKS

Before each use inspect the following, where applicable:

- 1) Frayed wires
- 2) Damage or structural deformation to the structural members
- 3) Unusual noise or binding or evidence thereof
- 4) Proper functioning of all the switches
- 5) Battery voltage less than 20V. Unit needs to be recharged

WARNING!

- ! Working with or near lead batteries is dangerous. Batteries contain sulfuric acid and produce explosive gases. A battery explosion could result in loss of eyesight or serious burns.
- ! Do not smoke or allow a spark or flame near batteries. Charge batteries in locations which are clean, dry, and well-ventilated.
- ! Do not lay tools or anything metallic on top of any battery. All repairs to a battery must be made by experienced and qualified personnel.
- ! When working with batteries, remove personal items such as rings, bracelets, necklaces, and watches. Batteries can produce enough energy to weld jewelry to metal, causing a severe burn.
- ! Always have fresh water and soap nearby in case battery acid contacts skin, clothing, or eyes.
- ! Operating the battery with a low battery voltage can cause premature motor contact failure.
- ! Do not expose the lift or charger to rain or adverse conditions.
- ! Replace defective cords or wires immediately.
- ! Check the battery's water level frequently.

BATTERY CHARGER OPERATING INSTRUCTIONS:

Never operate the charger with either of the cables coiled. Operating the unit with the cord wrapping around itself can cause the cord to overheat, melt, and cause a short-circuit or a fire.

Plug the charger into a standard 115V receptacle. If an extension cord must be used, keep it as short and as large as possible. A small cord will decrease the output of the charger due to the voltage in the line. This will increase the charging time. It can also cause the 115V cord to overheat.

When properly connected, the charge LED will indicate the status of charge flowing to the battery, as follows:

Red only - the charger is providing full output to the battery.

Both red and green - the charger is "topping off" the battery.

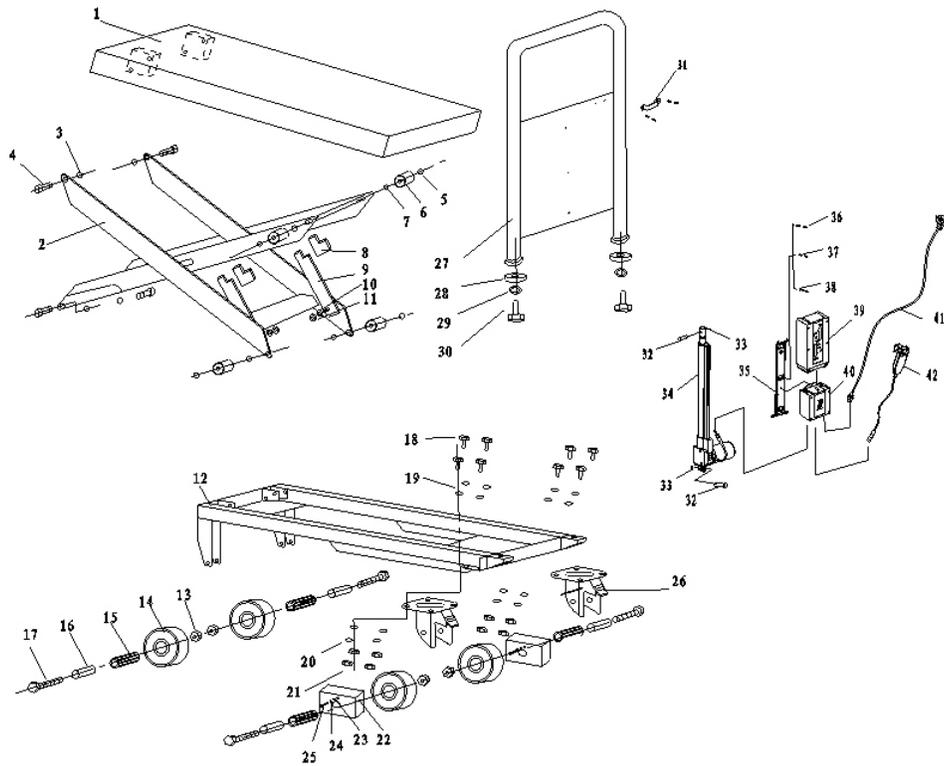
Green only - the charger is providing a "float," or maintenance, charge.

Remember to unplug the charger before moving the equipment. Failure to do so could cause damage to cords, receptacles, and other equipment.

TROUBLESHOOTING:

If the unit does not operate, check all the wiring connections to make sure they're both mechanically and electrically sound - specifically at the battery, the motor, and at any location a wire is connected to the chassis. Also make sure the quick-connect plug on the end of the pendant control cord is plugged in correctly.

CART-500-LA



Serial No. _____

Model: _____

LIMITED WARRANTY

Vestil Manufacturing Corporation (Vestil) warrants CART-500-LA to be free of defects in material and workmanship during the warranty period. Our warranty obligation is to provide a replacement for a defective original part (a part used to make the product as shipped to the warrantee) after we receive a proper request for warranty service. "Proper request" means that we must receive: 1) a photocopy of your Customer Invoice that displays the shipping date; AND 2) a written request for warranty service that includes your name and phone number. Send requests by any of the following methods:

Mail
Vestil Manufacturing Corporation
2999 North Wayne Street, PO Box 507
Angola, IN 46703

Fax
(260) 665-1339
Phone
(260) 665-7586

Email
sales@vestil.com

In the written request, list the parts you believe are defective and include the address where replacements should be delivered. After Vestil receives your request, an authorized representative will contact you to determine whether your claim is covered by the warranty (also see "If a defective part is covered..." below). Before providing warranty service, Vestil may require you to send the entire product or the defective part or parts to its facility in Angola, Indiana.

Who may request service?

Only the warrantee may request service. *You are a warrantee if* you purchased the product from Vestil or from an authorized distributor AND Vestil has been fully paid.

What is covered under the warranty?

The warranty covers the following *original* drive and lift components: drive motors and lift motors, hydraulic pumps, electronic controllers, switches and cylinders. It also covers *original* parts that wear under normal usage conditions ("wearing parts"): bearings, hoses, wheels, seals, brushes, batteries, and the battery charger. The warranty period for drive and lift components is 1 year. For wearing parts, the warranty period is 90 days. Both warranty periods begin on the date when Vestil ships the product to the warrantee. If you purchased the product from an authorized distributor, the periods begin when the distributor ships the product, which extends the warranty by up to an additional 30 days.

If a defective part is covered by the warranty, what will Vestil do to correct the problem?

Vestil will provide an appropriate replacement for any *covered* part. An authorized representative of Vestil will contact you to discuss your claim.

What is not covered by the warranty?

1. Labor costs or Freight;
2. Any of the following automatically void the warranty:
 - Product misuse;
 - Negligent operation or repair;
 - Corrosion or use in corrosive conditions;
 - Inadequate or improper maintenance;
 - Failure to exercise good judgment;
 - Damage sustained during shipping;
 - Accidents involving the product;
 - Unauthorized modifications: Do NOT modify the product IN ANY WAY without first receiving written authorization from Vestil. Modifications may render the pallet truck or stacker unsafe to use or might cause excessive and/or abnormal wear.

Do any other warranties apply to the product?

Vestil Manufacturing Corp. makes no other express warranties. Any warranty implied-by-law is limited in duration to the warranty period.

